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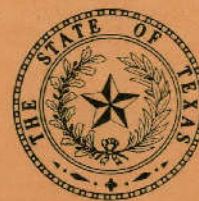
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*GROUND-WATER RESOURCES OF THE  
CARRIZO AQUIFER IN THE WINTER  
GARDEN AREA OF TEXAS*

*VOLUME 2*

April 1977



**TEXAS WATER DEVELOPMENT BOARD**

**REPORT 210**

**GROUND WATER RESOURCES OF THE CARRIZO  
AQUIFER IN THE WINTER GARDEN AREA OF TEXAS**

**VOLUME 2**

**Records of Wells; Water Levels in Wells;  
Chemical Analyses of Water; and Well Location Maps**

By

Glenn Marquardt  
and  
Eulogio Rodriguez, Jr.

April 1977

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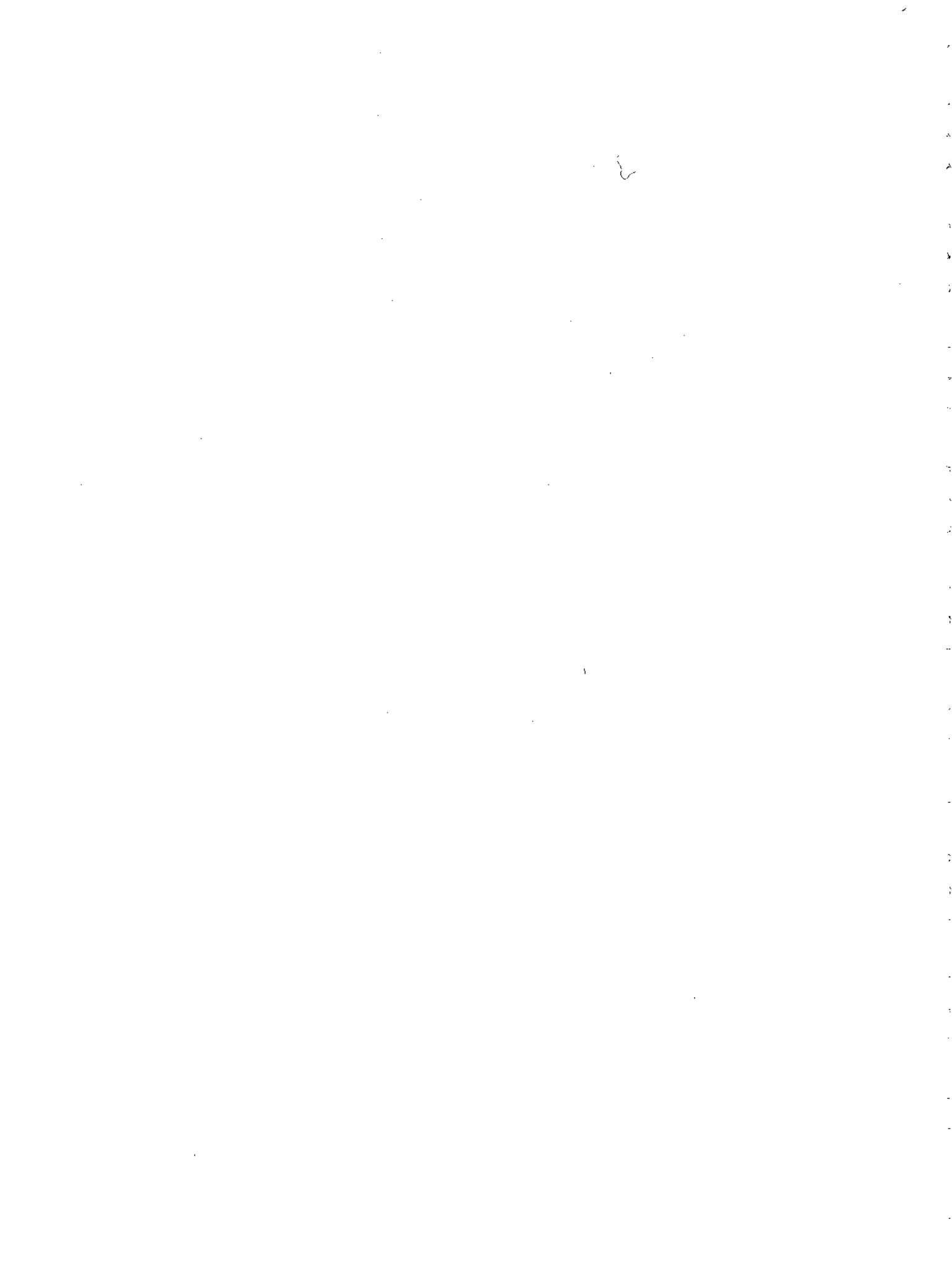


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**GROUND-WATER RESOURCES OF THE CARRIZO AQUIFER  
IN THE WINTER GARDEN AREA OF TEXAS  
VOLUME 2**

**INTRODUCTION**

This report is prepared in two volumes. Volume 1 contains interpretive information on the ground-water resources of the Carrizo aquifer presented as text and related illustrations and tables. Volume 2 contains supporting basic data including well location maps, records of 3,214 water wells, records of water levels in 474 wells, and chemical analyses of water samples from 1,553 wells. Also used in the study were drillers' logs of 711 wells which are available for reference in the files of the Texas Water Development Board.

The well-numbering system used in this report is one adopted by the Texas Water Development Board for use throughout the State and is shown in the accompanying figure. This system facilitates the location of wells and prevents duplication of well numbers in present and future studies. Each well is assigned a seven-digit number which is derived by using the following system.

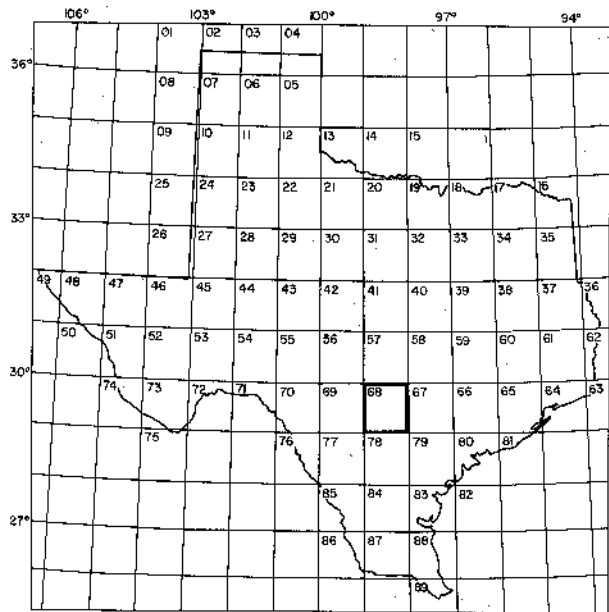
The State is divided into 1-degree quadrangles of latitude and longitude. There are 89 such quadrangles, numbered 01 through 89. Each 1-degree quadrangle is further subdivided into sixty-four 7½-minute quadrangles numbered 01 through 64. Finally, each 7½-minute quadrangle is subdivided into nine 2½-minute quadrangles, numbered 1 through 9. Within these 2½-minute quadrangles, each well is assigned a two-digit number beginning with 01.

The first two digits of each well number identify the 1-degree quadrangle; the third and fourth digits indicate the 7½-minute quadrangle; the fifth digit identifies the 2½-minute quadrangle; and the last 2 digits identify the well within the 2½-minute quadrangle.

In addition to the seven-digit well number, a two-letter prefix is used to identify the county. The prefixes for the counties entirely or partially covered by this report are:

<u>PREFIX</u>	<u>COUNTY</u>	<u>PREFIX</u>	<u>COUNTY</u>
AL	Atascosa	SJ	Live Oak
AY	Bexar	SU	McMullen
BU	Caldwell	TB	Maverick
HZ	Dimmit	TD	Medina
KB	Frio	YP	Uvalde
KR	Gonzales	YZ	Webb
KX	Guadalupe	ZL	Wilson
PZ	Karnes	ZX	Zavala
RX	La Salle		

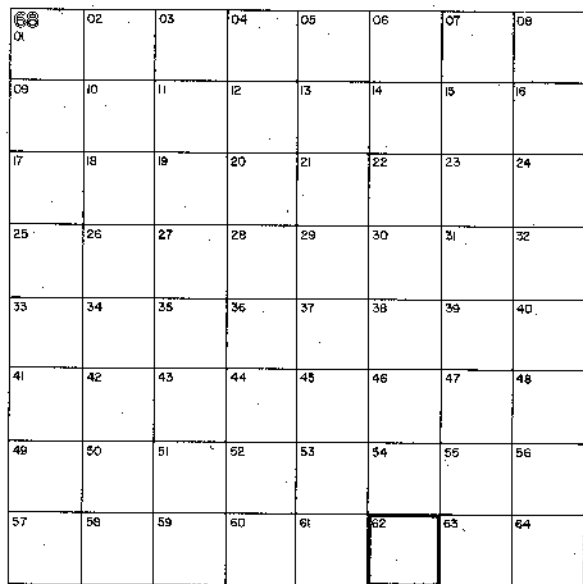
For example, well AL-68-62-703 is in Atascosa County (AL); 1-degree quadrangle 68; 7½-minute quadrangle 62; 2½-minute quadrangle 7; and was the third well inventoried in that 2½-minute quadrangle.



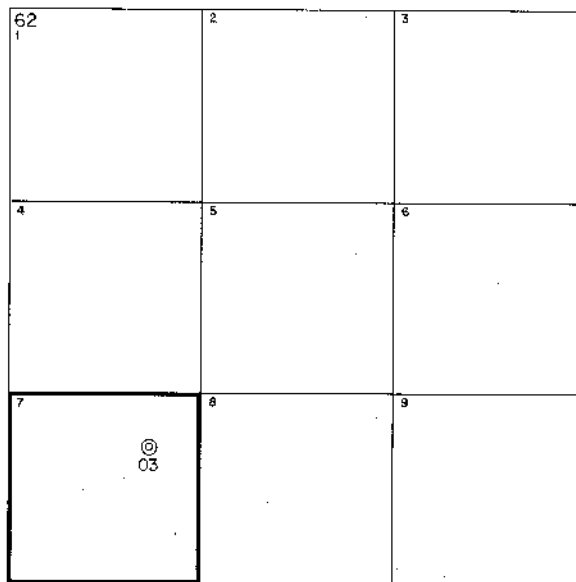
1-degree Quadrangles

Location of Well AL-68-62-703

- ① 1-degree quadrangle
- 62 7 1/2-minute quadrangle
- 7 2 1/2-minute quadrangle
- 03 Well number within 2 1/2-minute quadrangle



7 1/2-minute Quadrangles



2 1/2 minute Quadrangles

Well-Numbering System

ATASCOSA COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in remarks column.  
 Water level : Reported water levels given in feet; measured water levels given to the nearest tenth or hundredth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; CL, centrifugal; E, electric; G, gasoline, butane, or Diesel engine; H, hand; J, jet; N, none; Ng, natural gas; T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.  
 Water-bearing unit : Kea, Edwards and associated limestones; Ew, Wilcox Group; Ec, Carrizo Sand; Er, Rasklaw Formation; Eeq, Queen City Sand; Ew, Neches Formation; Eb, Bigford Formation; Eep, El Pico Clay; Es, Sparta Sand; El, Laredo Formation; Ecm, Cook Mountain Formation; Ey, Yegua Formation; Ej, Jackson Group; Mc, Catahoula Tuff; Mo, Oakville Sandstone; Ml, Lagarto Clay; Qt, terrace gravel; Qal, alluvium.

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* AL-68-50-201	City of Lytle	Johnson Drilling and Supply Co.	1955	2,379	10	306 2,304	Kea	704	87.6 46.2	June 12, 1957 June 15, 1965	T, E 40	P	Open hole from 2,304 to 2,379 ft. Pump set at 150 ft. Temp. 100°F. <u>y</u> <u>y</u>
* 301	C. W. Maske	--	1956	2,507	10 8	-- 2,200	Kea	705	--	--	T, G	S, Irr	Open hole from 2,200 to 2,507 ft. Temp. 90°F. <u>y</u>
* 302	Touchstone Estate	--	1956	2,498	12 8	316 2,041	Kea	696	85	1956	T, E 125	Irr	Open hole from 2,041 to 2,498 ft. Pump set at 210 ft. Development test: Drawdown of 163 ft while pumping 1,452 gpm on July 25, 1956. Temp. 104°F. <u>y</u>
* 303	Gidley Estate	--	1955	2,428	12	1,895	Kea	691	--	--	T, E 100	Irr	Open hole from 1,895 to 2,428 ft. Reported yield of 2,000 gpm. Temp. 81°F. <u>y</u> <u>y</u>
501	O. M. Naegelin	--	1965	530	8	530	Ewi	720	174.18	Nov. 19, 1969	T, G 50	D, S Irr	Gravel packed.
* 602	K. G. Grandberg	Strickers Water Well Service	1967	728	12	728	Ewi	705	150	Nov. 18, 1967	T, Ng 125	Irr	Perforated from 250 to 728 ft. Gravel packed. Reported yield of 700 gpm. Development test yield 1,100 gpm. Temp. 81°F. <u>y</u>
* 603	O. M. Naegelin	Adcock Pipe and Supply	1965	249	8	249	Ewi	655	89.64 97.50	Nov. 19, 1969 Mar. 20, 1972	Sub, E 10	D, S Irr	Slotted from 151 to 249 ft. Cemented from 50 ft to surface. Pump set at 240 ft. Reported yield of 120 gpm. Temp. 76°F. Observation well. <u>y</u> <u>y</u>
604	do	Strickers Water Well Service	1966	295	8	290	Ewi	640	--	--	T, G	Irr	Slotted. Pump set at 250 ft. Reported yield of 250 gpm.
605	L. Yarborough	do	1966	400	10	400	Ewi	665	--	--	T, G	Irr	Slotted. Gravel packed. Reported yield of 400 gpm.
801	K. G. Cranberg	do	1965	250	10	250	Ec, Ewi	713	--	--	T, G 50	Irr	Slotted. Gravel packed. Pump set at 210 ft. Reported yield of 400 gpm.
* 51-101	Gidley-Bush	--	1956	2,656	--	--	Kea	675	--	--	T, E 100	Irr	Flowed until Apr. 1964. Pump set at 180 ft. Temp. 106°F. <u>y</u>
401	Ed Wells Estate	Frazier and Upton Drilling Co.	1967	479.10	8	477	Ewi	630	--	--	Sub, E 20	Irr	Slotted from 120 to 477 ft. Gravel packed. Pump set at 280 ft. Reported yield of 250 gpm. Development test: Drawdown of 234 ft while pumping 850 gpm for 24 hours on Jan. 16, 1967. <u>y</u>
402	do	E. H. Cannon Drilling Co.	1967	480	12	480	Ewi	650	--	--	Sub, E 30	Irr	Slotted from 150 to 480 ft. Gravel packed. Pump set at 340 ft. Reported yield of 300 gpm. Development test: Drawdown of 269 ft while pumping 655 gpm for 24 hours on Feb. 9, 1967.
403	do	Johnson Drilling and Supply Co.	1964	300	10	300	Ewi	670	133.80	July 19, 1969	N	N	Abandoned. Slotted from 110 to 300 ft. Gravel packed. Development test: Drawdown of 194 ft while pumping 185 gpm for 20 hours on Dec. 18, 1964. <u>y</u>
501	Gregorio Alcorta	--	--	400	6	--	Ewi	764	78.37	Apr. 20, 1965	T, E 5	D, S	Pump set at 90 ft. <u>y</u>
502	G. C. Frazier	Adcock Pipe and Supply	1969	401	10	401	Ewi	705	60	1969	T, Ng 37	Irr	Slotted from 230 to 401 ft. Gravel packed. Pump set at 280 ft. Reported yield of 150 gpm. <u>y</u>
503	Bennie Guydos	Moate Higdon Water Well Drilling	1967	490	8	490	Ewi	725	--	--	T, E 50	Irr	Slotted from 260 to 490 ft. Gravel packed. Pump set at 320 ft. Reported yield of 200 gpm.
602	Frank Maske	--	--	142	6 4	-- 142	Ec, Ewi	705	130.05 130.70	Apr. 20, 1965 Apr. 7, 1972	C, W	D, S	Observation well. <u>y</u> <u>y</u>

See footnotes at end of table.



ATASCOSA COUNTY

Table I. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* AL-68-51-701	Jerald Lyds	--	--	--	6	--	Ec	610	58.93 58.94	Apr. 1, 1970 Mar. 20, 1972	Sub, E	D, S	Temp. 74°F. Observation well. <u>3</u>
801	W. J. Adcock	Adcock Pipe and Supply	--	140	--	--	Ec	673	125.79 121.69	June 27, 1951 Mar. 20, 1972	C, W	S	Well 131 in Texas Board of Water Engineers Bulletin 6015. Observation well. <u>3</u> <u>4</u>
* 803	X. W. Parchman	--	1955	166	4	166	Ec	670	124.5 139.91	1963 Apr. 20, 1963	C, E 1	D, S	<u>4</u>
903	W. J. Adcock	Lawrence and Joe Swiere	1969	397	12	397	Ec, Ewi	650	--	--	N	N	Perforated from 197 to 397 ft. Gravel packed.
904	do	Adcock Pipe and Supply	1964	343	12	343	Ec, Ewi	653	138 148.53	1964 Nov. 14, 1969	T, B 50	Irr	Formerly well was 68-51-901 in Report 32. Perforated from 195 to 338 ft. Gravel packed. Pump set at 200 ft. Reported yield of 800 gpm. <u>4</u>
* 52-401	J. D. Harrison	Burkett Drilling Co.	1939	203	12	201	Ec, Ewi	665	147 135.64	1949 Mar. 25, 1970	N	N	Well 1 in Water-Supply Paper 1079-C. Abandoned. Perforated from 130 to 149 ft. Reported yield of 150 gpm. Development test yielded 350 gpm in 1939. Temp. 74°F. <u>3</u> <u>4</u>
* 701	C. R. Owens	--	1926	175	6	--	Ec	685	140 167.72	1930 Mar. 14, 1968	Sub, E	D, S	Well 166 in Water-Supply Paper 1079-C. Temp. 73°F. Historical observation well measured from 1960 to 1962. <u>3</u> <u>4</u>
705	do	--	1958	169	6	--	Ec	690	140 147.37	1930 May 12, 1969	N	N	Well 4 in Water-Supply Paper 1079-C. Abandoned. Historical observation well. <u>3</u> <u>4</u>
* 706	do	--	1947	169	6	169	Ec	680	--	--	Sub, E	D, S	Well 3 in Water-Supply Paper 1079-C. Slotted from 149 to 169 ft. Temp. 73°F.
708	J. D. Harrison	Burkett Drilling Co.	1949	205	12	205	Ec	660	150 146	1949 Mar. 24, 1970	N	N	Abandoned. Slotted from 150 to 180 ft. Reported yield of 267 gpm. <u>3</u> <u>4</u>
* 709	do	Olaf L. Boone	1949	315	10	315	Ec	660	153.1 155.49 155.22	Apr. 20, 1965 Mar. 9, 1970 Apr. 13, 1970	T, E 30	Ind	Slotted from 155 to 315 ft. Gravel packed. Temp. 76°F. <u>4</u>
710	do	do	1961	315	12	315	Ec	650	156	1965	T, E 30	Ind	Slotted from 155 to 315 ft. Cemented from 68 ft to surface. Gravel packed. Reported yield of 500 gpm. Development test: Drawdown of 49 ft while pumping 1,250 gpm. <u>4</u>
* 711	Big T Development Co.	Adcock Pipe and Supply	1968	354	12 7	50 354	Ec, Ewi	637	--	--	Sub, E 1-1/2	P	Slotted from 244 to 354 ft. Cemented from 50 ft to surface. Pump set at 252 ft. Development test: Drawdown of 35 ft while pumping 220 gpm for 10 hours on Feb. 19, 1968. Temp. 72°F. <u>3</u>
* 712	W. H. Schuettig	Olaf L. Boone	1966	336	10	336	Ec	616	143.75	Oct. 1, 1969	Sub, E 20	Irr	Slotted from 182 to 336 ft. Gravel packed. Pump set at 200 ft. Development test: Drawdown of 42 ft while pumping 875 gpm. Temp. 75°F.
713	J. D. Harrison	Texas Water Development Board	1970	393	3	335	Ec	665	154.76 165.20	Feb. 26, 1971 Mar. 24, 1972	N	N	Slotted from 167 to 335 ft. Open hole from 335 to 393 ft. Temp. 74°F. Observation well. <u>3</u> <u>4</u>
* 718	Ed Auge	Olaf L. Boone	1966	--	12	--	Ec	665	176.97 179.28	Dec. 16, 1969 Feb. 24, 1972	Sub, E 15	Irr	Gravel packed. Reported yield of 175 gpm. Temp. 77°F. Observation well. <u>4</u>
901	G. Weynand	--	--	--	--	--	Ec	550	94.0 106.07	June 28, 1951 Nov. 14, 1960	C, W	D, S	Historical observation well measured from 1951 to 1960. <u>4</u>

See footnotes at end of table.

ADASCOOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
AL-68-53-702	Edwin Espey	Olaf L. Boone	1957	243	12	243	Be	540	--	--	T, G 200	Ind, Irr	Gravel packed. Pump set at 120 ft. <u>y</u>
58-202	George Thompson	E. H. Cannon Drilling Co.	1965	450	12	450	Ec, Ewi	600	143.14	June 2, 1972	T, G 100	Irr	Slotted from 250 to 450 ft. Gravel packed. <u>y</u>
204	do.	--	--	160	8	--	Be	646	140.11 147.45	Mar. 9, 1971 Apr. 28, 1972	C, E 3/4	D, S	Observation well. <u>y</u>
302	do.	Caddo Oil Co.	1960	171	4	--	Be	650	140.50 156.34	Mar. 10, 1971 June 30, 1972	N	N	Observation well. <u>y</u> <u>y</u>
304	do	Stricker's Water Well Service	1969	450	12	450	Be	675	165.04	June 2, 1972	T, G 150	Irr	Slotted from 250 to 450 ft. Gravel packed. Pump set at 220 ft.
511	Sharp Whitley	--	1940	500	4	--	Be	580	30 52.95	1940 Mar. 14, 1968	N	N	Historical observation well measured from 1965 to 1968. <u>y</u>
* 602	Howard Hicks	Stricker's Water Well Service	1969	555	12 8	300 555	Ec	534	82.36 89.47	Oct. 13, 1969 Apr. 7, 1972	Sub, E 7-1/2, 10	Irr	Slotted from 470 to 555 ft. Gravel packed. Reported yield of 450 gpm. Development test: Drawdown of 85 ft while pumping 1,460 gpm for 6 hours on Mar. 1, 1969. Temp. 75°F. Observation well. <u>y</u> <u>y</u>
603	Tobey Tomblin	do	1966	470	12	470	Be	548	85.64	Oct. 14, 1969	T, E 125	Irr	Slotted from 390 to 470 ft. Gravel packed.
604	-- Crouch and Son	do	1969	320	8	320	Be	570	120	June 23, 1969	T, G 115	Irr	Slotted from 260 to 320 ft. Cemented from 260 ft to surface. <u>y</u>
605	Howard Gillum	do	1969	400	10	400	Be	596	118	Oct. 15, 1969	T, G 95	Irr	Slotted from 200 to 400 ft.
59-201	F. Redendo	--	--	170	7	--	Be	660	141.47 151.38	June 27, 1951 Mar. 23, 1965	C, W	D, S	Historical observation well. <u>y</u>
* 202	G. W. Beachman	--	--	125	4	--	Be	636	105	1930	C, C	D, S	Well 161 in Water-Supply Paper 1079-C. <u>y</u>
205	F. Redendo	--	1963	365	5	365	Ec, Ewi	660	--	--	Sub, E 5	N	Unused irrigation well. <u>y</u>
* 206	Walber Farvan	Lawrence and Joe Swierc	1968	343	12	343	Be	588	--	--	T, F 125	Irr	Drilled to 347 ft and plugged back to 343 ft. Slotted from 211 to 343 ft. Gravel packed. Pump set at 180 ft. Reported yield of 1,200 gpm. Development test: Drawdown of 65 ft while pumping 2,073 gpm in Apr. 1968. Temp. 77°F. <u>y</u>
* 207	Mrs. Walter A. Fuller	Adcock Pipe and Supply	1968	304	10 7	14 304	Ewi	645	--	--	C, E 1/2	D, S	Perforated from 247 to 304 ft. Gravel packed. Pump set at 189 ft. Development test: Drawdown of 14 ft while pumping 20 gpm for 2 hours. Temp. 79°F. <u>y</u>
* 208	Granado Brothers, Inc.	Olaf L. Boone	1966	336	12	336	Be	580	--	--	T, G 115	Irr	Slotted from 180 to 336 ft. Gravel packed. Pump set at 190 ft. Reported yield of 881 gpm. Temp. 76°F.
209	Alamo Orchards	E. H. Cannon Drilling Co.	1968	330	10	330	Ec, Ewi	595	90	Nov. 1968	T, G 150	Irr	Perforated from 105 to 330 ft. Gravel packed. Pump set at 210 ft. Development test: Drawdown of 83 ft while pumping 2,200 gpm for 88 hours in 1968.
301	T. P. Alcorta	Olaf L. Boone	1963	340	8	340	Be	538	57 97.19	Jan. 1963 Sept. 10, 1969	Sub, E	S, Irr	Gravel packed. Reported yield of 300 gpm. <u>y</u>
302	John C. Lott	do	1954	350	8 6	200 350	Be	550	120	Oct. 9, 1963	T, C 70	Irr	Slotted from 275 to 350 ft. Reported yield of 700 gpm. <u>y</u>

See footnotes at end of table.

ATASCOSA COUNTY

Table I. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* AL-68-59-303	Millard Eichman	Olaf L. Boone	1964	360	10	360	Ec	580	99.84 112.30	Mar. 23, 1965 Mar. 20, 1972	T, C 88	Irr	Slotted from 200 to 300 ft. Gravel packed. Pump set at 180 ft. Reported yield of 900 gpm. Development test: Drawdown of 68 ft while pumping 1,136 gpm for 10 hours in 1964. Observation well. <u>U 3 4</u>
304	Delbert Eichman	do	1964	360	12	351	Ec	593	--	--	T, G 70	Irr	Slotted from 197 to 351 ft. Open hole from 351 to 360 ft. Pump set at 190 ft. Development test: Drawdown of 67 ft while pumping 1,482 gpm for 19-1/2 hours in Apr. 1964. <u>U 4</u>
306	-- Phillips	do	1965	360	12	360	Ec	581	116	Apr. 6, 1965	T, G 125	Irr	Slotted from 203 to 306 ft. Gravel packed. Pump set at 200 ft. <u>4</u>
* 307	Granado Brothers, Inc.	do	1967	335	12	335	Ec	600	--	--	T, E 150	Irr	Slotted from 180 to 335 ft. Gravel packed. Top of Carrizo Sand 180 ft. Pump set at 220 ft. Reported yield of 866 gpm. Temp. 76°F.
308	Holand Eichman	do	1965	362	12	362	Ec	590	--	--	T, G 90	Irr	Slotted. Gravel packed. Pump set at 200 ft. Development test: Drawdown of 82 ft while pumping 800 gpm in 1965.
309	John C. Lott	E. H. Gaither	1969	331	7	320	Ec	550	--	--	Sub, E 1	Ind	Slotted from 220 to 320 ft. Open hole from 320 to 331 ft. Cemented from 80 to 100 ft. Gravel packed. <u>U</u>
+ 401	L. C. Heberer	T. Byram	1927	380	6	--	Ec	517	+ 12 + 7.15 24.18	June 2, 1930 June 2, 1944 Mar. 23, 1965	C, W	S	Well 163 in Water-Supply Paper 676 and 1079-C. <u>4</u>
501	R. E. Whittet	Stewart Water Well Service	1960	290	.5 4	-- 290	Ec	545	57.01 88.69	Nov. 14, 1960 Mar. 20, 1972	Sub, E	D, S	Slotted from 245 to 290 ft. Cemented from 240 ft. to surface. Observation well. <u>3 4</u>
502	do	do	1910	280	6 4	64 107	Ec	548	25 50.36	Nov. 14, 1910 Nov. 14, 1960	N	N	Well 165 in Water-Supply Paper 1079-C. Abandoned. Perforated from 90 to 100 ft. Open hole from 107 to 280 ft. Historical observation well measured from 1944 to 1960. <u>4</u>
503	Rosaville Community House	--	--	75	--	--	Ec	555	56.25	July 19, 1949	J, E	D	Historical observation well. <u>4</u>
* 504	Alex Noss	Lawrence and Joe Swierec	1955	411	8	411	Ec	550	60	1963	T, G 50	D, S Irr	Perforated from 371 to 411 ft. Reported yield of 300 gpm. <u>4</u>
506	W. W. Westbrook	do	1955	400	10	400	Ec	455	84.10	Apr. 20, 1965	T, E 20	D, S Irr	Perforated from 360 to 400 ft. <u>4</u>
507	Bob Knight	--	1956	350	10	--	Ec	565	--	--	Sub, E	D, S	<u>U</u>
* 508	Killeen and Hurd	Lawrence and Joe Swierec	1968	618	12	618	Ec	532	101	Dec. 1968	T, E 125	Irr	Slotted from 412 to 612 ft. Gravel packed. Reported yield of 1,338 gpm. Development test: Drawdown of 31 ft while pumping 2,300 gpm in Nov. 1968. Temp. 80°F. <u>U</u>
509	Bob Knight	Olaf L. Boone	1969	404	12	404	Ec	585	--	--	T, G 55	S, Irr	Slotted from 224 to 404 ft. Gravel packed. Top of Carrizo Sand 202 ft. Pump set at 150 ft. Development test yielded 2,362 gpm in 1969. <u>U</u>
* 601	Roy Urban	Ormand and Boone	1938	318	8 6	-- 318	Ec	515	28.37 89.93	June 1, 1944 Sept. 16, 1969	Sub, E 5	D, S Irr	Well 17 in Water-Supply Paper 1079-C. Perforated from 278 to 318 ft. Temp. 80°F. <u>4</u>
* 602	J. M. Rogers Estate	Olaf L. Boone	1951	195	10 8	100 195	Ec	515	29.04 31.07	June 27, 1951 Apr. 24, 1952	T, G 65	S, Irr	Slotted from 100 to 195 ft. Pump set at 120 ft. Temp. 80°F. <u>4</u>

See footnotes at end of table.

ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* AL-68-59-603	L. C. Scott	Burkett Drilling Co.	1934	460	8 6	-- 460	Ec	498	70	Apr. 1956	--	S	Perforated from 380 to 460 ft. Reported yield of 400 gpm. <i>y</i>
* 604	Mrs. Clara Mann	Ervin Preston	1952	350	6	350	Ec	552	80	Oct. 8, 1963	T, G 50	D, S Irr	Pump set at 120 ft. Temp. 80°F. <i>y</i>
* 606	M. Cantu	--	1955	300	10 8	-- 300	Ec	535	80 88.72	1964 Sept. 10, 1969	T, G 52	Irr	Slotted. Pump set at 140 ft. Temp. 80°F. <i>y</i>
608	Bill Stewart	Favor Drilling Co.	1958	250	10 8	-- 250	Ec	523	60	1964	T, E 25	Irr	Slotted. <i>y</i>
611	Felix Mikolajczuk	--	1926	350	8	350	Ec	485	12.66 60	May 30, 1944 1964	T, G 25	Irr	Well 189 in Water-Supply Paper 1079-C. Temp. 77°F. <i>y</i>
612	Kenneth Hoffman	--	--	380	8	380	Ec	493	60.65	1964	T, E 10	D, S Irr	Well 190 in Water-Supply Paper 1079-C. Temp. 77°F. <i>y</i>
* 614	do	Olaf L. Boone	1962	455	10 7	240 455	Ec	480	60	1964	T, E 30	D, Irr	Slotted from 400 to 455 ft. Temp. 80°F. <i>y</i>
* 615	L. S. Martinez	T. Byram	1927	560	6 5	275 560	Ec	550	53 55.5 80	Feb. 22, 1928 Mar. 5, 1930 June 1, 1944	T, E 20	D, S Irr	Well 185 in Water-Supply Paper 1079-C. Perforated from 560 to 560 ft. Top of Carrizo Sand 196 ft. Reported yield of 250 gpm. <i>y</i>
616	John F. Hearn	Ormand and Boone	1938	281	8 6	40 281	Ec	513	72.25	Mar. 23, 1964	Sub, E	D, S	Well 16 in Water-Supply Paper 1079-C. <i>y</i>
617	John C. Lott	Ervin Preston	1956	380	8	380	Ec	550	--	--	T, G 70	Irr	Slotted from 305 to 380 ft. Pump set at 180 ft. Reported yield of 500 gpm. <i>y</i>
* 618	Kenneth Hoffman	Burkett Drilling Co.	1926	480	8 6	-- 480	Ec	500	26 97.9	1944 Sept. 16, 1969	T, E 15	Irr	Well 22 in Water-Supply Paper 1079-C. Perforated from 400 to 480 ft. Reported yield of 500 gpm. Temp. 80°F. <i>y</i>
* 620	A. E. Tutschke	Ormand and Boone	1940	521	8 6	313 521	Ec	500	10.55	May 30, 1944	J, M	D, S	Well 28 in Water-Supply Paper 1079-C. Slotted from 421 to 521 ft. Temp. 79°F. <i>y</i>
621	Kenneth Hoffman	--	1915	714	6	--	Ec	483	41.16 49.25	Apr. 14, 1965 Apr. 7, 1972	N	N	Well 192 in Water-Supply Paper 1079-C. Observation well. <i>y</i>
* 623	A. B. Carstens	Olaf L. Boone	1965	360	10	360	Ec	542	--	--	Sub, E 25	Irr	Slotted from 265 to 360 ft. Top of Carrizo Sand 245 ft. Temp. 80°F. <i>y</i>
624	L. M. and D. E. Kneilton	Lawrence and Joe Swiere	1967	412	12	412	Ec	583	--	--	T, G 125	Irr	Slotted from 220 to 390 and 399 to 405 ft. Gravel packed. Reported yield of 1,100 gpm. Development test: Drawdown of 31 ft while pumping 2,282 gpm. <i>y</i>
625	Kenneth Hoffman	do	1968	530	7	530	Ec	495	57.32	June 17, 1969	T, E 20	Irr	Slotted from 375 to 530 ft. Cemented from 371 ft to surface. Development test: Drawdown of 13 ft while pumping 250 gpm on July 31, 1968. <i>y</i>
* 626	George T. Stanush	Olaf L. Boone	1965	430	10	430	Ec	551	--	--	T, G 90	Irr	Slotted from 270 to 430 ft. Gravel packed. Temp. 80°F.
627	John C. Lott	do	1966	490	12	490	Ec	494	120	1966	T, G 100	Irr	Slotted from 390 to 490 ft. Gravel packed. Pump set at 220 ft.
* 628	Santos Herrones	--	1966	300	7 4	100 300	Ec	470	--	--	Sub, E 4	D, Irr	Temp. 80°F.

See footnotes at end of table.

ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASTING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* AL-68-59-629	Kenneth Hoffman	Lawrence and Joe Soletta	1969	447	7	447	Ec	494	116	July 1969	T, E 20	Irr	Slotted from 268 to 444 ft. Cemented from 271 ft to surface. Reported yield of 200 gpm. Temp. 80°F. <u>y</u>
701	J. S. Thompson	T. Byram	1926	420	6	--	Ec	510	+ 17 28.7	Mar. 23, 1929 1965	C, W	S	Well 164 in Water-Supply Paper 1079-C. Flowed until 1955. Historical observation well measured from 1944 to 1952. <u>y</u>
704	Joe Cumpian	--	--	--	--	--	Ec	475	84.00	Sept. 25, 1969	T, C 100	Irr	Gravel packed.
* 801	Norwa Byram	T. Byram	1928	640	6	--	Ec	492	+ 5.0 41.1	Mar. 23, 1929 1965	J, E, C, W	D, S	Well 177 in Water-Supply Paper 1079-C. Flowed until 1949. Historical observation well measured from 1946 to 1958. <u>y</u>
* 802	J. Cumpian	E. Varies	1927	578	6 4	--	Ec	491	+ 18.0 58.15	Feb. 4, 1929 1969	N	N	Well 179 in Water-Supply Paper 1079-C. Historical observation well measured from 1944 to 1946. <u>y</u>
804	Adolph Cumpian	Olaf L. Boone	1964	740	12 8	414 740	Ec	496	50.70 85.87	Apr. 16, 1965 Apr. 7, 1972	T, E 25	S, Irr	Slotted from 543 to 700 ft. Pump set at 170 ft. Development test: Drawdown of 33 ft while pumping 1,000 gpm in June 1964. Observation well. <u>y</u>
806	M. L. Bailey	--	1956	600	10 8	-- 600	Ec	506	--	--	T, C	Irr	Pump set at 100 ft. <u>y</u>
807	Pete Pawelek	Ervin Preston	--	1,100	6 5	90 1,100	Ec	485	90	Jan. 1962	T, E 25	D, S	Oil test drilled to 3,881 ft, plugged back to 1,100 ft, and converted to water well. Pump set at 190 ft. Reported yield of 300 gpm. <u>y</u>
* 808	Salome C. Martinez and W. W. Newman	-- Burke	1930	500	8	500	Ec	510	--	--	T, C	D, S	Reported yield of 300 gpm. Temp. 78°F. <u>y</u>
809	J. S. Bender	Olaf L. Boone	1962	550	10 8	300 550	Ec	510	--	--	T, C 70	Irr	Slotted. <u>y</u>
810	do	Ormand and Boone	1924	550	10 8	-- 550	Ec	525	--	--	N	N	Abandoned. Slotted from 500 to 550 ft. Unused since 1962. <u>y</u>
813	John Petty	T. Byram	1927	680	6 4	-- 680	Ec	470	9.0 25	1942 1956	T, C 50	Irr	Development test: Drawdown of 78 ft while pumping 405 gpm in 1956. <u>y</u>
* 814	do	--	1935	560	8 6	150 --	Ec	500	22 44 81.4	1935 1956 Sept. 26, 1969	Sub, E	D	Development test: Drawdown of 141 ft while pumping 454 gpm on Jan. 20, 1956. <u>y</u>
815	do	Persley Water Wells	1955	700	10 8	350 700	Ec	518	65	Sept. 1956	T, E 40	D, S Irr	Reported yield of 500 gpm. Development test: Drawdown of 45 ft while pumping 1,237 gpm in Sept. 1956. <u>y</u>
* 817	Ed Hernandez	Ormand and Boone	1948	420	8 7	92 420	Ec	512	60.35 90.95	Apr. 21, 1965 Sept. 24, 1969	Sub, E 15	S, Irr	Slotted from 360 to 420 ft. Pump set at 225 ft. Reported yield of 480 gpm. Temp. 80°F. <u>y</u>
818	J. S. Bender	T. Byram	1926	468	--	--	Ec	521	--	--	T	N	Well 183 in Water-Supply Paper 1079-C. Unused irrigation well. <u>y</u>
* 819	Milton L. Bailey	Olaf L. Boone	1965	618	12	618	Ec	523	--	--	T, C 75	Irr	Slotted from 462 to 618 ft. Gravel packed. Pump set at 200 ft. Reported yield of 1,350 gpm. Development test: Drawdown of 99 ft while pumping 2,000 gpm for 6 hours on Sept. 28, 1965. Temp. 80°F. <u>y</u>
820	Arnold Franklin	Lawrence and Joe Swierc	1967	934	12 8	404 934	Ec	464	84	June 12, 1967	T, E 125	Irr	Slotted from 735 to 932 ft. Cemented from 731 ft. to surface. Development test: Drawdown of 78 ft while pumping 1,761 gpm for 5 hours in July 1967. <u>y</u>

See footnotes at end of table.



ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			WELLFLOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* AL-68-59-821	Leonard Sanchez	Stewart Water Well Services	1966	545	8	545	Ec	529	--	--	T, C 37	Irr	Slotted from 470 to 545 ft. Gravel packed. Reported yield of 400 gpm. Temp. 78°F. <u>U</u>
822	Kenneth Hoffman	Lawrence and Joe Swiero	1967	724	7	--	Ec	500	--	--	T, E 40	Irr	Reported yield of 613 gpm. Temp. 82°F.
823	Joe Cumpian	--	--	--	--	--	Ec	520	--	--	T, G 100	Irr	--
824	Pete Pawelek	Lawrence and Joe Swiero	1969	1,093	12	1,093	Ec	455	73	Feb. 1969	T, G 150	Irr	Slotted from 824 to 1,090 ft. Cemented from 821 ft to surface. Reported yield of 1,500 gpm. Development test: Drawdown of 99 ft while pumping 2,362 gpm. <u>U</u>
825	Norma Hyram	Olaf L. Boone	1967	664	8	664	Ec	492	--	--	T, G 70	S, Irr	Pump set at 150 ft. Development test yielded 1,000 gpm.
901	C. E. Simmons	Burkett Drilling Co.	1940	428	8 6	300 428	Ec	500	18 26.55 48.37	May 2, 1940 Jan. 14, 1958	T, E 10	D, S	Well 337 in Water-Supply Paper 1079-C. Perforated from 388 to 428 ft. Reported yield of 375 gpm. <u>U</u>
* 903	W. F. Locke	--	1914	600	6	--	Ec	470	+ 23 + 7.5 + 7.3	1929 May 22, 1944 Apr. 18, 1956	N	N	Well 197 in Water-Supply Paper 1079-C. Abandoned. Reported flow of 135 gpm in 1944. Temp. 78°F. <u>U</u>
* 904	Felix Mikolajczok	--	1926	715	8 6	-- 715	Ec	480	65	1964	T, G 50	D, Irr	Well 195 in Water-Supply Paper 1079-C. Slotted from 610 to 715 ft. Pump set at 100 ft. Reported yield of 320 gpm. Temp. 82°F. <u>U</u>
* 905	Antonio Sanchez	Burkett Drilling Co.	1940	680	8 6	340 680	Ec	465	--	--	T, E 7-1/2	D, S Irr	Perforated from 580 to 680 ft. Reported yield of 300 gpm. Temp. 80°F. <u>U</u>
906	Gowman Ranch	Gowman Drilling Co.	1962	1,320	12 9	570 1,320	Ec	490	62.59	Apr. 12, 1965	T, G 115	Irr	Slotted from 1,020 to 1,320 ft. Cemented from 1,020 ft to surface. Pump set at 240 ft. <u>U</u>
907	Antonio Sanchez	Stewart Water Well Service	1954	420	8	420	Ec	492	--	--	T, E 15	Irr	Perforated from 380 to 420 ft. Pump set at 100 ft. Development test: Drawdown of 71 ft while pumping 862 gpm on Sept. 28, 1964. <u>U</u>
908	Clifton Burd	Burkett Drilling Co.	1939	630	10	--	Ec	460	+ 19.5	May 22, 1944	--	S	Well 27 in Water-Supply Paper 1079-C. Reported flow of 200 gpm in 1944. Temp. 80°F. <u>U</u>
* 910	C. L. Vickers	--	1930	630	4	630	Ec	458	+ 15.3 28.5 22.44	May 30, 1944 Aug. 8, 1962 Apr. 14, 1965	Sub, E	D, S	Well 36 in Water-Supply Paper 1079-C. Reported flow of 200 gpm in 1944. Flowed until 1955. <u>U</u>
911	W. F. Locke	Burkett Drilling Co.	--	498	8 6	-- 475	Ec	472	+ 18.5	May 22, 1944	T, G	Irr	Well 28 in Water-Supply Paper 1079-C. Perforated from 435 to 475 ft. Reported flow of 405 gpm in 1944. Temp. 79°F. <u>U</u>
* 912	do	do	1938	475	8 6	-- 378	Ec, Er	465	+ 7.5	do.	T, C 20	Irr	Well 29 in Water-Supply Paper 1079-C. Reported flow of 322 gpm in 1944. Pump set at 100 ft. Temp. 76°F. <u>U</u>
+ 913	C. F. and W. Cattle Co.	Favor Drilling Co.	1961	1,000	10 7	400 1,000	Ec	482	40	Oct. 1961	T, E 30	D, S Irr	Slotted from 800 to 1,000 ft. Reported yield of 591 gpm. Development test: Drawdown of 55 ft while pumping 862 gpm in 1961. Temp. 84°F. <u>U</u>
* 914	do	Lawrence and Joe Swiero	1964	996	10 7	346 996	Ec	451	12	Jan. 2, 1964	T, E 30	Irr	Perforated from 792 to 996 ft. Cemented from 792 ft to surface. Reported yield of 800 gpm. Development test: Drawdown of 65 ft while pumping 1,116 gpm on Jan. 2, 1964. Temp. 83°F. <u>U</u>
915	S. C. Zigmond	Burkett Drilling Co.	1926	560	6	--	Ec	490	8	May 1944	T, E 10	D, Irr	Well 35 in Water-Supply Paper 1079-C. Perforated from 480 to 560 ft. Temp. 78°F. <u>U</u>

See footnotes at end of table.

ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
AL-68-59-916	R. Barrows	Burkett Drilling Co.	--	--	--	--	Ec	450	--	--	--	S	Well 26 in Water-Supply Paper 1079-C. Reported flow of 98 gpm in 1944. Temp. 80°F.
917	G. R. Lozano	Stewart Water Well Service	1966	446	8	446	Enc	432	--	--	T, E 30	Irr	Slotted from 336 to 446 ft. Cemented from 125 ft to surface. Gravel packed. Development test yielded 150 gpm. $\frac{y}{y}$
* 918	Lynn Moorehead	do	1966	440	8	440	Ec	592	--	--	T, C 60	Irr	Slotted from 360 to 440 ft. Cemented from 120 ft to surface. Gravel packed. Pump set at 195 ft. Reported yield of 650 gpm. Temp. 78°F. $\frac{y}{y}$
919	-- Cafarilla	--	1969	--	--	--	Ec	470	--	--	T, C 125	Irr	Gravel packed.
920	Kenneth Hoffman	Stewart Water Well Service	--	--	--	--	Ec	467	--	--	T, E 20	Irr	--
60-101	Guy A. Bryant	--	--	120	4	--	Ec	572	90 134.71	Mar. 14, 1929	J, E	D	Well 168 in Water-Supply Paper 1079-C. Historical observation well measured from 1944 to 1962. $\frac{y}{y}$
* 102	H. Koehler	D. Pegg	1931	450	10 6	100 450	Ec	530	50 65.82	July 15, 1931	T, C 50	Irr	Slotted from 410 to 450 ft. Pump set at 180 ft. Reported yield of 300 gpm. Temp. 76°F. Historical observation well. $\frac{y}{y}$
103	Guy A. Bryant	Olaf L. Boone	1955	345	10 8	217 345	Ec	580	50	Nov. 8, 1963	T, C 115	S, Irr	Slotted from 217 to 345 ft. Pump set at 150 ft. Reported yield of 500 gpm. $\frac{y}{y}$
* 104	Kenneth Hammond	--	1955	360	6	360	Ec	558	40	Oct. 8, 1963	T, E 15	D, S Irr	Reported yield of 250 gpm. Temp. 74°F. $\frac{y}{y}$
* 105	John Faggard	Favor Drilling Co.	1961	440	10	440	Ec	521	59 90	Aug. 3, 1961 Oct. 1963	T, E 60	Irr	Pump set at 150 ft. Reported yield of 981 gpm. Development test: Drawdown of 19 ft while pumping 1,202 gpm on Aug. 3, 1961. Temp. 78°F. $\frac{y}{y}$
106	A. V. Stephens	Monte Higdon Water Well Drilling	1956	362	8	362	Ec	554	79 95	June 11, 1956 Oct. 8, 1963	T D, S	Irr	Slotted from 270 to 362 ft. Gravel packed. Pump set at 150 ft. Reported yield of 610 gpm. Development test: Drawdown of 21 ft while pumping 610 gpm for 51 hours on June 11, 1956. $\frac{y}{y}$
107	do	Sutton Drilling Co.	1963	350	10	350	Ec	592	130 120	June 1963 Sept. 1963	T, C 60	N	Slotted from 215 to 350 ft. Gravel packed. Unused irrigation well that caved in Aug. 1969. Pump set at 190 ft. Reported yield of 1,000 gpm. Development test: Drawdown of 40 ft while pumping 1,126 gpm for 10 hours on Oct. 11, 1963. $\frac{y}{y}$
108	Preston M. Thomas	--	1955	150	10	150	Ec	530	--	--	T, C 65	Irr	Pump set at 70 ft. Reported yield of 600 gpm. $\frac{y}{y}$
109	H. P. Cooper	R. L. Johnson	1933	500	12 10	150 480	Ec	540	--	--	T, C 50	D, S Irr	Well 7 in Water-Supply Paper 1079-C. Perforated. Open hole from 450 to 500 ft. Reported yield of 600 gpm. $\frac{y}{y}$
* 111	John Faggard	Olaf L. Boone	1965	365	12	365	Ec	570	--	--	T, C 225	Irr	Slotted. Gravel packed. Reported yield of 750 gpm. Temp. 76°F.
112	Guy A. Bryant	do	1967	330	12	330	Ec	593	--	--	T, C 120	Irr	Slotted from 250 to 330 ft. Gravel packed.
113	Cleo Rogers	do	1966	443	12	443	Ec	568	--	--	T, C 150	Irr	Slotted from 190 to 320 and 273 to 443 ft. Gravel packed. Pump set at 170 ft. Reported yield of 850 gpm.

See footnotes at end of table.

ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM-ETER (In.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
AL-68-60-114	Fred Hessm	Olaf L. Boone	1968	330	12	330	Ec	587	--	--	T, G 95	Irr	Slotted from 270 to 330 ft. Gravel packed. Pump set at 160 ft. Development test yielded 1,900 gpm.
201	-- Foneki	--	1913	70	36	--	Ec	552	60.70 60.27	June 27, 1951 May 18, 1961	C, W	D, S	Well 125 in Water-Supply Paper 1079-C. Dug well. Historical observation well measured from 1951 to 1961. <u>3</u>
202	G. O. Shotts	--	1881	--	36	--	Ec	556	80.7 96.15	June 27, 1951 May 20, 1959	N	N	Well 124 in Water-Supply Paper 1079-C. Dug well. Historical observation well measured from 1951 to 1955. <u>4</u>
203	Jerry Koosb	Lawrence and Joe Solarsc	1964	459	8	459	Ec	500	65 80	Oct. 1964 1969	T, G 80	Irr	Perforated from 306 to 459 ft. Cemented from 306 ft to surface. Pump set at 140 ft. Reported yield of 500 gpm. Development test: Drawdown of 75 ft while pumping 1,000 gpm on Oct. 10, 1964. <u>4</u>
204	Gorman Ranch	Adcock Pipe and Supply	1962	319	10	319	Ec	540	70 80.95	May 21, 1962 Mar. 24, 1965	T, E 60	Irr	Perforated from 154 to 319 ft. Gravel packed. Pump set at 240 ft. Reported yield of 800 gpm. Development test: Drawdown of 33 ft while pumping 1,450 gpm for 14 hours on May 21, 1962. <u>4</u>
206	-- Frost	Olaf L. Boone	1964	350	12	350	Ec	625	160	Sept. 1964	T, G 150	Irr	Slotted from 215 to 350 ft. Gravel packed. Pump set at 190 ft. Development test: Drawdown of 20 ft while pumping 1,423 gpm in Sept. 1964. <u>4</u>
207	Everett Byron	do	1966	325	12	325	Ec	592	--	--	T, G 225	S, Irr	Slotted from 160 to 325 ft. Gravel packed. Pump set at 250 ft.
210	Wisconsin Pump Inc.	Strickers Water Well Service	1968	360	14	360	Ec	537	--	--	T, E 100	Irr	Perforated from 200 to 360 ft. Gravel packed. <u>4</u>
301	G. Weymand	--	--	120	5	--	Ec	535	81.89 99.05	June 5, 1944 Nov. 23, 1959	C, E	S	Well 72 in Water-Supply Paper 1079-C. Historical observation well measured from 1944 to 1959. <u>4</u>
302	R. L. Bruce	--	1923	104	4	--	Ec	553	69 76.77	1929 Sept. 29, 1948	N	N	Well 169 in Water-Supply Paper 1079-C. Abandoned in 1949. Historical observation well measured from 1944 to 1949. <u>4</u>
303	do	--	1948	145	5	--	Ec	590	78.21 117.69	July 19, 1949 Apr. 13, 1972	C, W	D, S	Well 169-A in Texas Board of Water Engineers Bulletin 6015. Observation well. <u>3</u> <u>4</u>
304	C. O. Bruce	Ormand and Boone	1953	395	10	200 395	Ec	540	70	Apr. 1956	N	N	Abandoned. Slotted from 275 to 395 ft. Reported yield of 800 gpm. <u>4</u>
305	do	do	1955	378	12	378	Ec	576	--	--	T, G 95	Irr	Perforated from 178 to 378 ft. Gravel packed. Pump set at 250 ft. Reported yield of 1,121 gpm. Temp. 75°F. <u>4</u>
307	-- Tardy	Olaf L. Boone	1948	365	6	365	Ec	523	79.75	Apr. 7, 1965	T, G	Irr	Gravel packed. Pump set at 180 ft. <u>4</u>
309	Wisconsin Pump Inc.	Strickers Water Well Service	1968	360	14	360	Ec	540	--	--	T, E 100	Irr	Perforated from 200 to 360 ft. Gravel packed.
310	C. O. Bruce	Olaf L. Boone	1968	404	12	404	Ec	476	--	--	T, G 90	Irr	Slotted from 210 to 404 ft. Gravel packed. Pump set at 200 ft. Reported yield of 1,000 gpm. Temp. 74°F.
401	Erwin Preston	J. Wolfe	--	666	10	666	Ec	515	32 105.79	1929 Mar. 24, 1972	Sub, E 20	Irr	Well 187 in Water-Supply Paper 1079-C. Perforated from 490 to 666 ft. Reported yield of 401 gpm. Temp. 79°F. Observation well. <u>3</u> <u>4</u>

See footnotes at end of table.

ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
AL-68-60-402	C. H. Brancewell	--	1911	1,000	6	--	Ec	498	27.5 57.67	Jan. 14, 1929 1938	Sub, E	S	Well 299 in Water-Supply Paper 676 and 1079-C. Historical observation well measured from 1944 to 1958. <i>y</i>
403	Braxton Newmann	Lawrence and Joe Swierc	1964	771	10 7	306 771	Ec	485	75 51.87	Oct. 1964 Apr. 13, 1965	Sub, E 1/2	D	Perforated from 580 to 771 ft. Cemented from 569 ft to surface. Development test: Drawdown of 52 ft while pumping 1,482 gpm on Oct. 1, 1964. <i>y</i>
404	Erwin Preston	J. Wolfe	--	525	4	--	Ec	515	12 32.13	July 12, 1929 1950	C, W	D, S	Well 188 in Water-Supply Paper 676 and 1079-C. Historical observation well measured from 1944 to 1950. <i>y</i>
405	W. C. Akers	--	1929	550	4 8	--	Ec	503	65.80	Apr. 13, 1965	J, E	D, S	Well 19 in Water-Supply Paper 1079-C. <i>y</i>
406	T. J. Haar	--	--	--	8	--	Ec	461	+ 6 18.43	Apr. 17, 1929 1946	N	N	Well 215 in Water-Supply Paper 676 and 1079-C. Abandoned. Historical observation well measured from 1944 to 1946. <i>y</i>
* 407	Roy Martinez	Burkett Drilling Co.	1939	540	10 5	110 540	Ec	505	32 80	Oct. 9, 1939 1963	T	N	Well 14 in Water-Supply Paper 1079-C. Perforated from 520 to 540 ft. Cemented from 110 ft to surface. Unused since 1964. Reported yield of 300 gpm. Temp. 78°F. <i>y</i>
408	do.	Olaf L. Boone	1958	600	10 8	200 600	Ec	510	60	Oct. 9, 1963	T, E 25	Irr	Cemented from 200 ft to surface. Reported yield of 750 gpm. <i>y</i>
* 411	J. M. Chittim Estate	--	1904	850	6	850	Ec	460	--	--	N	N	Well 206 in Water-Supply Paper 676. Abandoned. Temp. 80°F. <i>y</i>
* 412	T. J. Haar	Olaf L. Boone	1950	700	8 6	150 700	Ec	460	45.98 100	Apr. 7, 1965 Aug. 1966	Sub, E 2	D	Slotted. Pump set at 150 ft. Reported yield of 30 gpm. Temp. 79°F. <i>y</i>
413	Rudolph Strumberg	Alex Cravens Drilling	1957	270	6	270	Ec	541	--	--	T, G	Irr	<i>y</i>
+ 414	do.	-- Craven	1931	265	6	265	Ec	521	--	--	T, G 37-1/2	Irr	Well 9 in Water-Supply Paper 1079-C. Temp. 76°F. <i>y</i>
415	J. Mann	Olaf L. Boone	1964	290	--	--	Ec	518	--	--	T, G 25	D, Irr	Reported yield of 250 gpm. <i>y</i>
* 419	Hugo C. Goetsal	Lawrence and Joe Swierc	1967	522	8	522	Ec	500	--	--	Sub, E 2	D, S	Drilled to 524.27 ft and plugged back to 522 ft. Slotted from 435 to 522 ft. Cemented from 491 ft to surface. Pump set at 165 ft. Reported yield of 30 gpm. Development test: Drawdown of 110 ft while pumping 720 gpm on July 25, 1967. Temp. 79°F. <i>y</i>
420	W. C. Akers	Olaf L. Boone	1966	730	12	730	Ec	497	--	--	T, G 115	Irr	--
421	J. M. Rogers Estate	do	1967	449	12	449	Ec	541	100.24	Oct. 24, 1969	T, G 250	Irr	Slotted from 346 to 449 ft. Gravel packed. Pump set at 170 ft. Reported yield of 975 gpm.
422	J. R. Akers	do.	1966	438	12	438	Ec	518	--	--	T, G	Irr	Slotted. Gravel packed.
* 501	Bob Sanchez	G. Gilland	1926	600	6	--	Ec	463	+ 5 12.33	July 22, 1929 1953	T, E 20	D, S Irr	Well 203 in Water-Supply Paper 1079-C. Pump set at 150 ft. Reported yield of 425 gpm. Temp. 78°F. Historical observation well measured from 1944 to 1953. <i>y</i>
502	B. T. Page	Guy Preston	1947	735	10 6	130 735	Ec	535	76.67 129.14	Sept. 28, 1948 Mar. 23, 1972	Sub, E 7-1/2	D, S	Observation well. <i>y y</i>

See footnotes at end of table.

ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
AL-68-60-503	-- Gaech	G. Gilland	1926	881	4	120	Ec	450	+ 28 + 9	June 1929 1944	N	N	Well 205 in Water-Supply Paper 1079-C. Reported flow of 225 gpm in 1944. Temp. 79°F. Historical observation well. <i>y</i>
504	S. Hughes	T. Byram	1928	720	6	--	Ec	474	+ 1 8.95 9.0	May 24, 1944 June 6, 1944	T, E 3/4	D, S	Well 211 in Water-Supply Paper 1079-C. Historical observation well. <i>y</i>
505	E. T. Page	--	--	850	6	--	Ec	490	5 23.61	Sept. 28, 1948	C, W	S	Well 213 in Water-Supply Paper 676 and 1079-C. Historical observation well measured from 1944 to 1948. <i>y</i>
506	Rodriguez and Diaz	Lawrence and Joe Swierc	1961	529	8 7	199 524	Ec	528	91	Mar. 1962	T, G 65	Irr	Perforated from 350 to 415 and 436 to 524 ft. Reported yield of 550 gpm. Development test: Drawdown of 36 ft while pumping 700 gpm on Mar. 1, 1962. <i>y y</i>
* 508	L. Killebrew	F. and L. Hooge	1911	960	8 6	90 960	Ec	459	65	Oct. 1964	T, E 10	Irr	Pump set at 150 ft. Temp. 81°F. <i>y</i>
509	-- Kuykendall	--	1953	450	6	450	Ec	495	--	--	T, G 30	S, Irr	Pump set at 100 ft. Development test yielded 381 gpm on Mar. 19, 1953. <i>y</i>
510	D. N. Jacob	Olaf L. Boone	1963	494	12	494	Ec	522	88 76.12	Dec. 1963 Mar. 24, 1965	T, G 75	Irr	Slotted from 294 to 494 ft. Gravel packed. Pump set at 120 ft. Development test: Drawdown of 70 ft while pumping 2,032 gpm on Dec. 30, 1963. <i>y</i>
* 511	R. D. Templeton	Lawrence and Joe Swierc	1963	560	6	560	Ec	520	86	June 1963	T, G 40	D, S Irr	Pump set at 130 ft. Reported yield of 400 gpm. Development test: Drawdown of 100 ft while pumping 900 gpm on June 27, 1963. Temp. 79°F. <i>y</i>
512	Wayne Russell	Olaf L. Boone	1958	700	6	700	Ec	527	80	Oct. 8, 1963	T, G 115	S, Irr	Reported yield of 500 gpm. <i>y</i>
513	Allie Miller	Ervin Preston	1952	605	8	605	Ec	510	79	do.	T	N	Perforated from 400 to 605 ft. Unused irrigation well. Reported yield of 250 gpm. <i>y</i>
514	Martin Dreiss	--	1926	918	6	918	Ec	470	--	--	Sub, E 7-1/2	N	Well 204 in Water-Supply Paper 1079-C. Slotted from 700 to 918 ft. Unused domestic, livestock, and irrigation well. Pump set at 120 ft. Temp. 78°F. <i>y</i>
* 516	E. T. Page	Gorman Drilling Co.	1956	750	10	750	Ec	498	68	1956	T, Hg 90	Irr	Oil test drilled to 3,566 ft, plugged back to 750 ft, and converted to water well. Slotted from 690 to 750 ft. Pump set at 175 ft. Reported yield of 392 gpm. Development test: Drawdown of 44 ft while pumping 1,400 gpm in 1956. Temp. 80°F. <i>y</i>
517	Gorman Ranch	do	1964	1,300	13 9	-- 1,300	Ec	480	51	Feb. 11, 1964	T, G 150	Irr	Slotted from 1,100 to 1,300 ft. Cemented from 1,100 ft to surface. Pump set at 240 ft. Reported yield of 1,000 gpm. Development test: Drawdown of 89 ft while pumping 1,580 gpm on Feb. 11, 1964. <i>y</i>
518	do	do.	1961	1,400	13 9	-- 1,400	Ec	480	52	Apr. 8, 1961	T, G 115	Irr	Slotted from 1,100 to 1,400 ft. Pump set at 240 ft. Reported yield of 1,200 gpm. Development test: Drawdown of 83 ft while pumping 2,157 gpm on Apr. 8, 1961. <i>y</i>
520	Carlton Lawson, Jr.	Lawrence and Joe Swierc	1967	568	12	568	Ec	488	68	Mar. 13, 1967	T, G 150	Irr	Slotted from 374 to 564 ft. Gravel packed. Pump set at 160 ft. Reported yield of 1,000 gpm. Development test: Drawdown of 35 ft while pumping 2,222 gpm on Mar. 13, 1967. <i>y</i>

See footnotes at end of table.



ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			FLOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* AI-68-60-521	Gorman Ranch	Gorman Drilling Co.	1966	830	13	830	Ec	509	--	--	T, G 100	Irr	Slotted from 652 to 830 ft. Top of Carrizo Sand 450 ft. Reported yield of 1,200 gpm. Temp. 78°F.
522	do	do	1966	1,122	13	1,122	Ec	501	--	--	T, G 100	Irr	Slotted from 597 to 900 and 1,025 to 1,122 ft. Top of Carrizo Sand 600 ft. Reported yield of 1,200 gpm.
523	Joe Garcia	Stewart Water Well Service	1966	260	7	260	Eqc	483	--	--	Sub, E 10	S, Irr	Slotted from 190 to 260 ft. Cemented from 120 ft to surface. Gravel packed. <u>1/2</u>
524	Martin Dreiss	Laurence and Joe Seler	1966	371.4	7	371	Eqc	465	--	--	Sub, E 10	D, S Irr	Slotted from 305 to 371 ft. Cemented from 320 ft to surface. Development test yielded 150 gpm in Nov. 1966. <u>1/2</u>
525	Bob Sanchez	Olaf L. Boone	1968	696	8	696	Ec	478	--	--	T, E 20	Irr	Pump set at 150 ft. Reported yield of 600 gpm.
601	Joe Jasik	J. Wolfe	1935	1,009	8 6	100 1,009	Ec	460	2	Aug. 16, 1945	T, E 30	N	Well 70 in Water-Supply Paper 1079-C. Slotted from 809 to 1,009 ft. Cemented from 800 ft to surface. Unused livestock and irrigation well. Temp. 82°F. <u>1/2</u>
602	E. G. Rakowitz	Olaf L. Boone	1956	918	10 8	300 918	Ec	461	60	Oct. 1963	T, E 40	D, Irr	Slotted from 880 to 918 ft. Pump set at 150 ft. Reported yield of 700 gpm. <u>1/2</u>
603	E. L. Rakowitz	do	1950	909	10 7	180 909	Ec	470	60.10	Apr. 7, 1965	T, Ng 43	Irr	Slotted from 769 to 909 ft. Cemented from 800 ft to surface. Pump set at 180 ft. Reported yield 900 gpm. <u>1/2</u>
605	Anton Perlicke	do	1953	650	10 7	250 650	Ec	495	--	--	T, G 48	N	Unused irrigation well. <u>1/2</u>
606	Gorman Ranch	Gorman Drilling Co.	1961	1,500	13 9	-- 1,500	Ec	470	--	--	T, Ng	Irr	Slotted from 1,200 to 1,500 ft. Cemented from 1,200 ft to surface. Reported flow of 150 gpm in 1961. Pump set at 240 ft. Reported yield of 1,200 gpm. Development test yielded 1,580 gpm. <u>1/2</u>
* 607	Joe Jasik	Olaf L. Boone	1955	1,009	10 7	200 1,009	Ec	460	--	--	T, E 30	D, S Irr	Slotted from 209 to 1,009 ft. Cemented from 800 ft to surface. Pump set at 200 ft. Reported yield of 500 gpm. Development test yielded 600 gpm. Temp. 84°F.
701	Harry Schroeter	--	1937	600	6 2	-- --	Ec	461	6.02 14.99	Sept. 28, 1948 July 15, 1953	N	N	Well 39 in Water-Supply Paper 1079-C. Abandoned. Historical observation well. <u>1/2</u>
702	City of Poteet	McKinley Drilling Co.	1956	946	12 10	500 946	Ec	460	--	--	N	N	Slotted from 746 to 946 ft. Cemented from 746 ft to surface. Development test yielded 1,300 gpm. <u>1/2</u>
703	Louis Hooge Farms	Favor Drilling Co.	1958	350	8	350	Eqc	465	--	--	T, E 30	Irr	Slotted from 250 to 350 ft. Gravel packed. Pump set at 120 ft. Reported yield of 600 gpm. <u>1/2</u>
707	J. Wilborn	Ormsd and Boons	1936	700	8	700	Ec	436	--	--	T, E 15	Irr	<u>1/2</u>
* 709	M. E. Franklin	Olaf L. Boone	1956	845	10 7	210 845	Ec	458	--	--	T, E 40	Irr	Slotted from 735 to 845 ft. Reported yield of 400 gpm. Temp. 83°F. <u>1/2</u>
711	R. Jenschke	Laurence and Joe Seler	1956	808	10 7	250 808	Ec	495	--	--	T, G 60	S, Irr	Pump set at 100 ft. Reported yield of 600 gpm. <u>1/2</u>

See footnotes at end of table.

ATAECSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
AL-68-80-712	Eulogio Cabrera	Orwand and Boone	--	775	6	775	Ec	450	--	--	T, G 27	Irr	Well 42 in Water-Supply Paper 1079-C. Perforated from 735 to 775 ft. Cemented from 735 ft to surface. Pump set at 110 ft. Reported yield of 256 gpm. <i>y</i>
713	W. W. Collins	--	--	--	6	--	Ec	483	39.72	May 29, 1944	T	N	Well 37 in Water-Supply Paper 1079-C. Unused domestic, livestock, and irrigation well. <i>y</i>
714	Gorman Ranch	Gorman Drilling Co.	1962	1,259	13 9	720 1,259	Ec	490	23	Feb. 11, 1964	T, C 115	Irr	Slotted from 971 to 1,259 ft. Cemented from 971 ft to surface. Pump set at 240 ft. Development test: Drawdown of 85 ft while pumping 1,818 gpm on Feb. 11, 1964. <i>y</i>
716	Louis Hooge Farms	D. Pegg	1938	850	10 6	96 850	Ec	465	10.22 74.33	May 29, 1944 Sept. 9, 1969	T, E 15	N	Well 64 in Water-Supply Paper 1079-C. Unused irrigation well. Pump set at 96 ft. <i>y</i>
719	do	Favor Drilling Co.	1958	950	10 7	200 950	Ec	480	--	--	T, R 30	Irr	Slotted from 750 to 950 ft. Pump set at 140 ft. Reported yield of 700 gpm. <i>y</i>
723	Harry Schroeter	Lawrence and Joe Swierc	1954	717	8 6	100 717	Ec	475	--	--	Sub, E 15	Irr	Slotted from 657 to 717 ft. Pump set at 160 ft. Reported yield of 250 gpm. <i>y</i>
* 724	J. R. Shearer	--	1940	540	8	540	Ec	470	+ 0.4 29.04	May 29, 1944 Apr. 13, 1965	T, E 15	D, S Irr	Well 38 in Water-Supply Paper 1079-C. Reported yield of 207 gpm. Temp. 77°F. <i>y</i>
* 725	Harry Schroeter	Lawrence and Joe Swierc	1966	683.13	10	636	Ec	456	--	--	T, G 75	Irr	Perforated from 503 to 636 ft. Cemented from 502 ft to surface. Reported yield of 130 gpm. Temp. 80°F. <i>y</i>
* 726	City of Poteet	Johnson Drilling and Supply Co.	1968	840	12	840	Ec	461	--	--	T, E 40	P	Slotted from 730 to 840 ft. Cemented from 730 ft to surface. Pump set at 160 ft. Reported yield of 670 gpm. Development test: Drawdown of 60 ft while pumping 700 gpm for 37-1/2 hours on Dec. 30, 1969. Temp. 80°F. <i>y</i>
727	W. W. Collins	Lawrence and Joe Swierc	1969	693	7	693	Ec	490	--	--	Sub, E 1	D, S Irr	Slotted from 563 to 690 ft. Cemented from 560 ft to surface. Development test yielded 400 gpm in June 1969. <i>y</i>
* 801	R. B. Fischer	D. Pegg	1937	1,090	15 8	200 1,090	Ec	450	+ 4 17.67	Sept. 1937 Jan. 14, 1958	Cf, C	D, S	Well 82 in Water-Supply Paper 1079-C. Perforated from 1,050 to 1,090 ft. Temp. 85°F. Historical observation well measured from 1944 to 1958. <i>y</i>
* 802	do	C. Gilland	1925	1,010	6	850	Ec	495	+ 28 33.5	Jan. 1, 1925 Apr. 5, 1965	C, W	D	Well 61 in Water-Supply Paper 1079-C. Open hole from 850 to 1,010 ft. Historical observation well measured from 1944 to 1958. <i>y</i>
* 803	City of Poteet	Alamo Machine Co.	1964	905	12 8	600 900	Ec	460	15	1964	T, E 60	P	Slotted from 600 to 900 ft. Cemented from 600 ft to surface. Pump set at 105 ft. Reported yield of 600 gpm. Development test: Drawdown of 15 ft while pumping 795 gpm. Temp. 82°F. <i>y</i>
804	F. O. Webb	H. T. Numme	1914	840	4	--	Ec	440	+ 9 4.90	1929 Apr. 18, 1946	N	N	Well 224 in Water-Supply Paper 1079-C. Abandoned. Historical observation well measured from 1944 to 1946. <i>y</i>
* 805	Alfred Garza, Jr.	--	1911	452	6	452	Eqc	453	+ 15 36.50	1929 Apr. 8, 1965	T, E 15	Irr	Well 226 in Water-Supply Paper 676 and 1079-C. Temp 77°F. Historical observation well. <i>y</i>
806	Gorman Ranch	--	--	--	8	--	--	490	25 42.10	1929 July 21, 1952	N	N	Well 214 in Water-Supply Paper 1079-C. Abandoned. Historical observation well measured from 1944 to 1952. <i>y</i>

See footnotes at end of table.

ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
AL-68-60-807	Gorman Ranch	--	--	1,000	6	--	Ec	465	+ 6	1929	N	N	Well 230 in Water-Supply Paper 1079-C. Abandoned. Historical observation well. <i>dy</i>
808	E. H. Shearer	--	--	1,001	4	--	Ec	426	+ 50 + 32.5	May 24, 1944 June 1944	T, E I	D, S	Well 234 in Water-Supply Paper 1079-C. Reported flow of 190 gpm in 1944. Historical observation well. <i>dy</i>
* 809	City of Poteet	J. Wolfe	1928	835	6	835	Ec	440	+ 30.0 + 14.0 15.25	1929 Apr. 25, 1944 Apr. 17, 1946	N	N	Well 218 in Water-Supply Paper 1079-C. Abandoned. Historical observation well measured from 1944 to 1946. <i>dy</i>
* 812	C. McCarthy	Lawrence and Joe Swierec	1955	970	8 7	250 970	Ec	440	--	--	T, G 10	S, Irr	Perforated from 890 to 970 ft. Pump set at 70 ft. Reported yield of 144 gpm. Temp. 83°F. <i>dy</i>
* 813	Granado Brothers, Inc.	Olaf L. Boone	1957	1,020	8 6	200 1,020	Ec	430	--	--	T, E 30	Irr	Perforated from 920 to 1,020 ft. Reported yield of 428 gpm. Temp. 86°F. <i>dy</i>
815	A. F. Aigner	-- Dingman	1934	1,070	6	1,070	Ec	442	--	--	T, G 27-1/2	D, S Irr	Well 60 in Water-Supply Paper 1079-C. Perforated from 1,010 to 1,070 ft. <i>dy</i>
* 816	R. Podevyn	--	1934	840	8 4	96 840	Ec	462	--	--	T, E 20	Irr	Pump set at 130 ft. Reported yield of 175 gpm. Temp. 81°F. <i>dy</i>
817	Maurice Dauwe	--	1930	1,245	10 6	-- 1,245	Ec	467	--	--	T, G 37-1/2	Irr	Pump set at 100 ft. Reported yield of 300 gpm. <i>dy</i>
* 818	Edgar Shearer	Olaf L. Boone	1952	1,120	10 7	200 1,120	Ec	445	--	--	T, G 50	Irr	Perforated from 850 to 1,120 ft. Pump set at 150 ft. Reported yield of 600 gpm. Temp. 85°F. <i>dy</i>
819	Funcho Briones	--	1943	1,000	8 5	90 1,000	Ec	465	17.01	June 12, 1944	Sub, E 15	Irr	Pump set at 140 ft. Reported yield of 300 gpm. Temp. 83°F. <i>dy</i>
820	Orta Brothers	Olaf L. Boone	1951	1,200	8	1,200	Ec	442	--	--	T, R 20	Irr	Pump set at 90 ft. <i>dy</i>
* 821	J. M. Chittim Estate	H. T. Mumme	1917	840	6	--	Ec	460	+ 20	1929	N	N	Well 216 in Water-Supply Paper 676 and 1079-C. Abandoned. <i>dy</i>
822	Garcia Brothers	-- Preston	1954	950	6	950	Ec	415	17.54	Apr. 5, 1965	Sub, E 7-1/2	Irr	Reported yield of 200 gpm. <i>dy</i>
* 823	J. M. Chittim Estate	H. T. Mumme	1909	840	4	--	Ec	432	+ 20	1929	N	N	Well 220 in Water-Supply Paper 676 and 1079-C. Abandoned. <i>dy</i>
* 826	Garcia Brothers	--	1923	950	4	950	Ec	445	25.91	Apr. 5, 1965	Sub, E 3	Irr	Well 52 in Water-Supply Paper 1079-C. Reported yield of 150 gpm. Temp. 81°F. <i>dy</i>
* 827	Alfred Carza, Sr.	--	1927	927	4	927	Ec	445	--	--	J, E 10	D, S Irr	Well 223 in Water-Supply Paper 676 and 1079-C. Pump set at 130 ft. Reported yield of 50 gpm. Temp. 77°F. <i>dy</i>
828	R. Podevyn	Olaf L. Boone	1928	850	10 6	96 765	Ec	440	41.90	Apr. 8, 1965	T, G 25	N	Well 48 in Water-Supply Paper 1079-C. Open hole from 765 to 850 ft. Unused irrigation well. Pump set at 130 ft. Reported yield of 125 gpm. <i>dy</i>
829	E. H. Shearer	--	--	1,000	6	1,000	Ec	412	+ 36.0	May 12, 1944	T, G 27	S, Irr	Well 53 in Water-Supply Paper 1079-C. Reported flow of 247 gpm in 1944. Temp. 85°F. <i>dy</i>
* 830	J. Vivas	Frank Cook	1935	1,000	6	1,000	Ec	410	--	--	Sub, E	D, S Irr	Well 58 in Water-Supply Paper 1079-C. Reported flow of 250 gpm in 1944. Pump set at 130 ft. Temp. 77°F. <i>dy</i>
831	do	do	1939	1,080	6	1,080	Ec	410	+ 15.5	May 12, 1944	T, E 7-1/2	Irr	Well 59 in Water-Supply Paper 1079-C. Reported flow of 175 gpm in 1944. Pump set at 130 ft. <i>dy</i>
833	J. H. McGraw	Lawrence and Joe Swierec	1954	920	8 6	200 920	Ec	437	31.39	Apr. 8, 1965	T, E 20	Irr	Perforated. <i>dy</i>

See footnotes at end of table.

ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE (ft)	DATE OF MEASUREMENT			
AL-68-60-836	Gorman Ranch	L. U. Bettison	1912	1,245	8 6	-- 840	Ec	440	--	--	T, E 5	D, S	Well 232 in Water-Supply Paper 676. Open hole from 840 to 1,245 ft. <i>g</i>
837	do	--	--	840	6	840	Ec	470	52.85	Apr. 7, 1965	Sub, E	D, S	Well 229 in Water-Supply Paper 676 and 1079-C. Reported yield of 200 gpm. <i>g</i>
838	do	Gorman Drilling Co.	1955	1,300	10 8	685 1,300	Ec	474	--	--	T	N	Oil test drilled to 3,644 ft, plugged back to 1,300 ft, and converted to water well. Slotted from 783 to 1,300 ft. Top of Carrizo Sand 700 ft. Unused irrigation well. <i>g</i>
* 839	do	do.	1961	1,500	13 9	-- 1,500	Ec	459	43 53	June 19, 1961 Aug. 26, 1964	T, Ng 250	Irr	Slotted from 1,200 to 1,500 ft. Pump set at 140 ft. Reported yield of 1,290 gpm. Development test. Drawdown of 53 ft while pumping 2,157 gpm for 8 hours on June 19, 1961. Temp. 85°F. <i>g</i>
840	do	do	1961	1,500	13 9	1,200 1,500	Ec	440	47 35	Apr. 12, 1961 Aug. 26, 1964	T, G 115	Irr	Slotted from 1,200 to 1,500 ft. Cemented from 1,200 ft to surface. Pump set at 240 ft. Reported yield of 1,000 gpm. Development test: Drawdown of 53 ft while pumping 2,297 gpm on Apr. 12, 1961. <i>g</i>
* 841	do	do	1956	1,300	10 8	772 1,300	Ec	453	--	--	T, E 100	Irr	Oil test drilled to 3,745 ft, plugged back to 1,300 ft, and converted to water well. Slotted from 822 to 1,300 ft. Reported yield of 606 gpm. Temp. 85°F. <i>g</i>
842	do	do	1961	1,500	13 9	-- 1,500	Ec	400	3.34	Apr. 5, 1965	T, G 95	Irr	Slotted. Reported flow 400 gpm in 1962. Pump set at 240 ft. Reported yield of 1,000 gpm. Development test yielded 2,518 gpm on Apr. 17, 1961. <i>g</i>
* 843	do	do	1953	1,645	10 7	-- 1,645	Ec	461	--	--	T, E 60	Irr	Oil test drilled to 5,655 ft, plugged back to 1,645 ft, and converted to water well. Slotted from 1,080 to 1,645 ft. Top of Carrizo Sand 1,080 ft. Pump set at 240 ft. Reported yield 935 gpm. Temp. 88°F. <i>g</i>
844	J. C. Lott	Favor Drilling Co.	1950	990	6 4	400 990	Ec	460	--	--	T, G 37	Irr	Slotted from 910 to 990 ft. Reported yield of 300 gpm. <i>g</i>
* 845	Gorman Ranch	Gorman Drilling Co.	1966	1,400	13 9	400 1,400	Ec	475	--	--	T, G 115	Irr	Slotted. Reported yield of 1,100 gpm. Temp. 86°F. <i>g</i>
846	Eloy Garcia	--	1943	250	4 3	25 180	Eqc	442	46.18	Nov. 20, 1970	J, E 1/2	D	Open hole from 180 to 250 ft. Temp. 76°F.
901	H. A. Jaroszewski	--	1932	850	6	--	Ec	480	55.19 57.68	June 5, 1944 Apr. 6, 1965	T, E 3	N	Well 68 in Water-Supply Paper 1079-C. Historical observation well measured from 1944 to 1952. <i>g</i>
902	M. K. Shearer	Olaf L. Boone	1930	909	6 4	600 909	Ec	450	+ 15 3.07	1929 July 21, 1950	N	N	Well 342 in Water-Supply Paper 1079-C. Abandoned. Perforated. Reported yield of 150 gpm. Temp. 82°F. Historical observation well measured from 1944 to 1950. <i>g</i>
904	do	Ormand and Boone	1950	1,037	10 7 5	168 910 1,037	Ec	450	--	--	N	N	Abandoned. Slotted from 910 to 1,037 ft. <i>g</i>
905	Earl McKinley	D. C. Pegg	1932	1,013	10 8 5	100 900 1,013	Ec	457	10	Aug. 1945	T, G 75	Irr	Perforated from 900 to 1,013 ft. Pump set at 140 ft. Reported yield of 333 gpm. Temp. 83°F. <i>g</i>
910	Chas. Rakowitz	Olaf L. Boone	1954	922	10 8	-- 922	Ec	447	--	--	T, G 20	Irr	Pump set at 60 ft. <i>g</i>

See footnotes at end of table.

ATASCOSA COUNTY

Table I. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	CASING			WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
				DEPTH OF WELL (ft)	DIAMETER (In.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
AL-68-60-911	M. H. Shearer	Olaf L. Boone	1964	1,100	12 8	570 1,100	Ec	432	40.05	Apr. 9, 1965	T, C 42	D, S Irr	Slotted from 800 to 1,100 ft. Pump set at 160 ft. Reported yield of 650 gpm. <i>y</i>
912	Eyrel Hooge	do	1962	1,200	12 7	745 1,200	Re	446	35.36	Apr. 5, 1965	T, E 30	S, Irr	Slotted from 1,000 to 1,200 ft. Pump set at 145 ft. Development test: Drawdown of 25 ft while pumping 1,030 gpm. <i>y</i>
913	T. Rakowitz	--	1932	1,160	6	1,160	Ec	430	+ 5.0 63.20	May 12, 1944 Apr. 13, 1972	Sub, E	D, S	Perforated from 1,010 to 1,160 ft. Temp. 85°F. Observation well. <i>y y</i>
914	O. B. Schmitz	Favor Drilling Co.	1962	300	6	300	Mac	440	.0	Apr. 22, 1965	Sub, E 25	S, Irr	Slotted from 160 to 300 ft. Cased from 150 ft to surface. Reported flowing in 1969. Reported yield of 250 gpm. <i>y</i>
61-102	Edwin Espey	Olaf L. Boone	1959	300	12	300	Ec	498	100	Oct. 1963	N	N	Abandoned. Development test: Drawdown of 22 ft while pumping 1,000 gpm. <i>y</i>
* 105	Wallace Slumjacek	do	1965	520	12	520	Ec	480	--	--	T, N 125	Irr	Slotted from 320 to 520 ft. Gravel packed. Top of Carrizo Bend 320 ft. Pump set at 160 ft. Reported yield of 1,800 gpm. Development test yielded 2,000 gpm. Temp. 72°F.
201	Charles Jasik	do	1952	650	10 7	200 650	Ec	500	56	Apr. 17, 1956	T, E 40	D, Irr	Slotted from 470 to 650 ft. Gravel packed. Pump set at 110 ft. Reported yield of 500 gpm. <i>y</i>
202	do	do	1953	552	10	552	Ec	550	--	--	T	N	Abandoned. Slotted from 402 to 552 ft. Development test: Drawdown of 32 ft while pumping 1,032 gpm on Jan. 11, 1956. <i>y</i>
* 203	E. J. Korus	do	1956	610	10	610	Ec	530	90 110.65 135.9	1956 Apr. 23, 1965 July 30, 1969	T, E 40	Irr	Slotted from 460 to 610 ft. Gravel packed. Pump set at 150 ft. Reported yield of 601 gpm. Development test: Drawdown of 30 ft while pumping 1,030 gpm for 7 hours in 1956. Temp. 77°F. <i>y</i>
* 204	Edwin Jasik	Lawrence and Joe Seierec	1957	950	10 7	275 950	Ec	509	85	Oct. 9, 1963	T, G 125	Irr	Pump set at 210 ft. Reported yield of 530 gpm. Temp. 80°F. <i>y</i>
205	A. J. Palmer Estate	do.	1956	935	10 7	275 935	Ec	518	95	Oct. 1963	T, E 40	Irr	Pump set at 190 ft. <i>y</i>
* 207	Tony D'Vin	Olaf L. Boone	1964	805	12	805	Ec	510	116	Mar. 1964	T, E 60	Irr	Slotted from 568 to 805 ft. Gravel packed. Pump set at 190 ft. Reported yield of 1,155 gpm. Development test: Drawdown of 30 ft while pumping 1,990 gpm for 48 hours on Feb. 28, 1964. Temp. 80°F. <i>y</i>
* 209	Wallace Adamska	do	1955	810	10 7	300 --	Ec	520	90 123.75	1955 Mar. 23, 1972	N	N	Gun perforated from 350 to 450 ft. Observation well. <i>y y y</i>
* 210	do	do	1964	505	12	505	Ec	500	126 154.8	Dec. 1964 July 29, 1969	T, E 75	Irr	Slotted from 348 to 505 ft. Pump set at 180 ft. Reported yield of 892 gpm. Development test: Drawdown of 24 ft while pumping 1,200 gpm in Dec. 1964. Temp. 78°F. <i>y</i>
211	Palmer Brothers	do	1968	654	12	654	Ec	515	--	--	T, G 175	Irr	Gravel packed. Pump set at 210 ft. Reported yield of 1,200 gpm.
212	Dunn Estate	do	1965	770	12	770	Ec	480	--	--	T, C 125	Irr	Slotted. Gravel packed. Pump set at 190 ft.
213	Samuel A. Story	Moy's Water Well Drilling	1967	--	--	--	Ec	480	--	--	T, G 225	Irr	Gravel packed.
214	Charles Jasik	Olaf L. Boone	1968	667	12	667	Ec	540	--	--	T, G 175	Irr	Slotted from 450 to 667 ft. Gravel packed.

See footnotes at end of table.



ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
AL-68-61-301	Santiago Lopez	Olaf L. Boone	1954	940	10 7	300 940	Ec	480	--	--	T, E 25	Irr	4
302	A. J. Palmer Estate	do	1965	815	12	815	Ec	490	80	Jan. 1965	T, G 125	Irr	Slotted from 660 to 815 ft. Pump set at 180 ft. Development test: Drawdown of 60 ft while pumping 2,250 gpm in Jan. 1965. 4
* 401	Mrs. Oscar Peraya	do	1957	964	10 7	310 964	Ec	450	32.10 70.16	Sept. 27, 1960 Apr. 13, 1972	T, E 50	Irr	Slotted from 770 to 964 ft. Cemented from 770 ft to surface. Observation well. 3 4
402	R. E. Murray	W. R. Cavender	1942	320	6	--	Egc	448	39 45.43	1942 Sept. 23, 1954	N	N	Well 73 in Water-Supply Paper 1079-C. Abandoned. Historical observation well measured from 1944 to 1954.
* 403	do	Ormand and Boone	1954	925	10 8	200 925	Ec	448	36 48.26 48.36	Jan. 14, 1955 Jan. 9, 1956 Apr. 23, 1965	T, E 30	Irr	Slotted from 825 to 925 ft. Reported yield of 200 gpm. Temp. 82°F. Historical observation well. 4
404	do	do	1955	940	10 7	200 940	Ec	445	15	Apr. 19, 1956	T, E 30	Irr	Slotted from 760 to 940 ft. Pump set at 80 ft. Reported yield of 700 gpm. 4
407	George Jaggy	Guy Preston	1940	930	6 3	600 930	Ec	438	50	Aug. 1964	T, E 7-1/2	D, S Irr	Perforated from 890 to 930 ft. Pump set at 60 ft. Reported yield of 120 gpm. 4
408	Maud Schneider	Lawrence and Joe Swierc	1957	410	10	410	Egc	450	80	Oct. 9, 1963	T, E 50	Irr	Pump set at 160 ft. Reported yield of 450 gpm. 4
* 410	Oscar Peraya	-- Hickman	1939	1,100	8 5	900 1,100	Ec	443	+ .85	June 5, 1944	CE, G	D, S	Perforated. Temp. 83°F. 4
501	E. S. Hurd	Shelby, Walker and McFarland Corp.	1955	860	10 8 7	100 425 860	Ec	471	40 73.61	1955 Apr. 13, 1972	T, E 75	D	Oil test converted to water well. Slotted from 325 to 425 ft and 750 to 860 ft. Pump set at 130 ft. Observation well. 3 4
502	Paul Schneider	Lawrence and Joe Swierc	1954	921	10 8	200 921	Ec	475	--	--	T, G	Irr	4
503	Raul A. DeSpain	do	1966	1,088	10 7	398 1,088	Ec	478	--	--	T, G 90	Irr	Perforated from 868 to 1,088 ft. Cemented from 866 ft to surface. Pump set at 184 ft. Development test: Drawdown of 40 ft while pumping 1,100 gpm in Apr. 1966. 4
* 601	Steve Kidgeway	Olaf L. Boone	1955	1,057	10 7	300 1,057	Ec	470	50.5	June 7, 1955	Sub, E 1	D, S	Slotted from 912 to 1,057 ft. Pump set at 145 ft. Development test: Drawdown of 33 ft while pumping 700 gpm. Temp. 85°F. 4
602	do	Hoy's Water Well Drilling	1965	1,248	12	1,202	Ec	475	75 103.20	Feb. 15, 1965 Apr. 13, 1972	T, G 90	Irr	Slotted from 1,002 to 1,202 ft. Gravel packed. Pump set at 180 ft. Reported yield of 2,100 gpm. Development test: Drawdown of 71 ft while pumping 2,300 gpm in Mar. 1965. Observation well. 1 3 4
603	Welson Wray, Jr.	do	1968	1,355	12	1,355	Ec	462	--	--	T, G 75	Irr	Slotted from 1,009 to 1,355 ft. Cemented from 302 ft to surface. Pump set at 160 ft. Development test: Drawdown of 90 ft while pumping 1,600 gpm in 1968. 1
* 701	Russell Warmeister	Olaf L. Boone	1955	1,212	10 7	212 1,212	Ec	420	--	--	T, G 35	S, Irr	Slotted. Pump set at 100 ft. Reported yield of 360 gpm. Temp. 81°F. 4
* 702	Joe J. Montez	do	1953	900	6	900	Ec	460	--	--	Sub, E 4	Irr	Pump set at 150 ft. Reported yield of 130 gpm. Temp. 85°F. 4
* 704	Dorothy Butler Quillian	--	1950	274	--	--	Egc	415	--	--	--	D	4

See footnotes at end of table.

ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER DEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM. FT. (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* AL-68-61-705	E. R. Breaker	--	--	1,280	6 4 2	-- -- 1,280	Ec	410	16.80 39.26	Apr. 22, 1965 Oct. 3, 1969	T, E 5	D, S Irr	Slotted. Temp. 84°F. <i>y</i>
801	Mrs. N. L. Renshaw	H. W. Howell	1945	1,320	6	622	Ec	435	--	--	T, G 75	S, Irr	Oil test drilled to 6,221 ft., plugged back to 1,320 ft. and converted to water well. <i>y y</i>
* 802	DeWitt Perry	Olaf L. Boone	1954	1,320	6	1,320	Ec	435	--	--	T, G 30	D, S Irr	Slotted from 1,120 to 1,320 ft. Pump set at 75 ft. Reported yield of 510 gpm. Temp. 89°F. <i>y</i>
803	Albert Rakowitz	do	1952	1,435	10 7	300 1,435	Ec	471	--	--	T, E 30	Irr	Slotted from 1,235 to 1,435 ft. Pump set at 130 ft. <i>y</i>
* 805	Francisco Paniagua	Lawrence and Joe Swierec	1967	658.74	10	653	Bqc	453	76.50 81.26	Sept. 2, 1970 Apr. 13, 1972	T, E 40	Irr	Slotted from 413 to 651 ft. Cemented from 408 ft. to surface. Development test yielded 1,650 gpm. Temp. 82°F. Observation well. <i>y y</i>
* 806	Guy Fuller	do	1965	481.46	10 7	100 481	Bqc	370	--	--	Flows, T, E 10	S, Irr	Perforated from 356 to 481 ft. Pump set at 60 ft. Reported yield of 400 gpm. Temp. 79°F. <i>y</i>
* 807	DeWitt Perry	Olaf L. Boone	1966	1,320	--	1,320	Ec	440	--	--	T, E 75	Irr	Reported yield of 675 gpm. Temp. 96°F.
808	Francisco Paniagua	Lawrence and Joe Swierec	1969	619	12	606	Bqc	450	55	Mar. 1969	T, G 150	Irr	Slotted from 416 to 606 ft. Cemented from 413 ft. to surface. Pump set at 200 ft. Development test: Drawdown of 40 ft while pumping 950 gpm in Mar. 1969. <i>y</i>
901	C. W. Baker	Olaf L. Boone	1963	1,505	10 7	404 1,505	Ec	470	90	Oct. 1963	T, E 40	Irr	Slotted from 1,258 to 1,505 ft. Top of Carrizo Sand 1,347 ft. Pump set at 160 ft. Development test: Drawdown of 80 ft while pumping 1,000 gpm in Oct. 1963. <i>y</i>
* 902	Tamar Foster	do	1956	1,590	10 7	300 1,550	Ec	465	--	--	T, E 30	D, S Irr	Pump set at 180 ft. Reported yield of 530 gpm. Development test yielded 913 gpm on Mar. 21, 1956. Temp. 92°F. <i>y</i>
904	-- Danoho	McKinley Drilling Co.	1954	1,650	10 8	-- --	Ec	460	--	--	T, E 40	Irr	<i>y</i>
905	Ned Royal	Olaf L. Boone	1965	1,413	10 7	515 1,413	Ec	482	92.28 117.87	Apr. 26, 1965 Apr. 13, 1972	T, G 75	Irr	Slotted from 1,200 to 1,413 ft. Pump set at 180 ft. Observation well. <i>y y</i>
907	Frank Bennack	--	--	1,600	12	--	Ec	450	85.21	Oct. 3, 1969	T, E 30	D, S Irr	--
* 62-403	Fairview Farms	McKinley Drilling Co.	1959	1,381	16 12	302 1,318	Ec	496	--	--	T, G 250	Irr	Slotted from 1,021 to 1,318 ft. Open hole from 1,318 to 1,381 ft. Reported yield of 1,100 gpm. Temp. 88°F. <i>y</i>
405	Story Farms	E. H. Cannon Drilling Co.	1965	1,531	12 10	513 1,531	Ec	492	107.86 128.80	Apr. 23, 1965 Apr. 13, 1972	T, G 175	Irr	Slotted from 1,281 to 1,531 ft. Development test: Drawdown of 59 ft while pumping 2,010 gpm for 59 hours in 1965. Observation well. <i>y y</i>
701	H. L. Eichelberger	McKinley Drilling Co.	1963	1,614	12 8	400 1,612	Ec	440	--	--	T, G 175	Irr	Slotted from 1,312 to 1,612 ft. Cemented from 1,285 ft. to surface. Reported yield of 1,200 gpm. <i>y y</i>
* 702	C. A. Noehrig	--	--	455	4	--	Bqc	465	82	1936	Sub, E	D, S	Well 174 in Water-Supply Paper 676. <i>y</i>
703	Walter Schroeder	Moy's Water Well Drilling	1967	1,668	10 7	500 1,668	Ec	492	--	--	T, G 88	Irr	Slotted from 1,462 to 1,662 ft. Cemented from 1,462 ft. to surface. Pump set at 240 ft. Reported yield of 1,000 gpm. <i>y</i>

See footnotes at end of table.

ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM-ETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* AL-78-02-301	T. B. Mallard	McKinley Drilling Co.	1963	1,205	12 8	583 1,200	Ec	583	150	Nov. 14, 1963	T, E 100	Irr	Slotted from 900 to 1,200 ft. Cemented from 870 ft to surface. Pump set at 230 ft. Reported yield of 1,700 gpm. Development test: Drawdown of 76 ft while pumping 1,380 gpm for 8-1/2 hours on Feb. 9, 1963. <u>1/4</u>
303	Tony Nixon Estate	Douglas V. Downing Well Service	1964	1,200	12	1,200	Ec	592	148.60 184.69	Apr. 21, 1965 Apr. 7, 1972	T, G 200	Irr	Slotted from 900 to 1,200 ft. Observation well. <u>3/4</u>
504	Adolph Cumpian	Carroll Drilling Co.	1964	1,321	12 8	482 1,282	Ec	546	105	Mar. 1964	T, G 150	D, Irr	Slotted from 890 to 1,282 ft. Open hole from 1,282 to 1,321 ft. Cemented from 890 ft to surface. Pump set at 200 ft. Development test: Drawdown of 58 ft while pumping 1,560 gpm in 1964. <u>1/4</u>
505	Brauchle Brothers	McKinley Drilling Co.	1964	1,320	12	1,300	Ec	515	83 93	Mar. 1964 Apr. 16, 1965	T, G 150	Irr	Slotted from 1,050 to 1,300 ft. Open hole from 1,300 to 1,320 ft. Cemented from 1,004 ft to surface. Pump set at 230 ft. Reported yield of 1,200 gpm. Development test: Drawdown of 25 ft while pumping 2,150 gpm in Mar. 1964. <u>1/4</u>
* 602	Joe Cumpian	Carroll Drilling Co.	1964	1,357	12 8	518 1,326	Ec	530	--	--	T, E 75	D, Irr	Slotted from 941 to 1,326 ft. Open hole from 1,326 to 1,357 ft. Cemented from 941 ft to surface. Pump set at 240 ft. Reported yield of 490 gpm. Development test: Drawdown of 102 ft while pumping 1,902 gpm in 1964. Temp. 90°F. <u>1/4</u>
603	-- Harold	McKinley Drilling Co.	1956	1,240	12 8	404 1,240	Ec	493	68.78	Apr. 16, 1965	T, G 150	Irr	Slotted from 965 to 1,240 ft. Pump set at 160 ft. Reported yield of 750 gpm. Development test: Drawdown of 64 ft while pumping 2,050 gpm for 24 hours on May 22, 1956. <u>1/4</u>
604	Joe Cumpian	Stanolind Oil Co.	1954	1,300	7 5	-- 1,300	Ec	530	45 132.34	Apr. 19, 1956 Apr. 7, 1972	Sub, E	D, S	Oil test converted to water well. Slotted. Observation well. <u>3/4</u>
902	Stanley Brauchle	Ormand and Boone	1954	1,500	10 8	300 1,500	Ec	520	100	Nov. 1963	T, E 100	D, Irr	Pump set at 260 ft. Reported yield of 900 gpm. <u>4</u>
* 903	do	Olaf L. Boone	1956	1,460	12 8	520 1,460	Ec	475	--	--	T, E 75	Irr	Oil test converted to water well. Slotted from 1,200 to 1,460 ft. Pump set at 250 ft. Reported yield of 1,057 gpm. Temp. 90°F. <u>4</u>
904	do	McKinley Drilling Co.	1964	1,500	12	1,500	Ec	493	97	Dec. 1964	T, G 150	Irr	Slotted from 1,239 to 1,500 ft. Cemented from 1,200 ft to surface. Pump set at 240 ft. Reported yield of 1,200 gpm. Development test: Drawdown of 30 ft while pumping 2,100 gpm in Dec. 1964. <u>1/4</u>
905	Victor Holguina	--	--	1,600	--	--	Ec	490	142.82	Oct. 14, 1960	T, G 250	Irr	<u>4</u>
907	Rinde Brothers	McKinley Drilling Co.	1965	1,566	12 10 8	1,434 1,560 1,566	Ec	550	--	--	T, G 200	Irr	Drilled to 1,590 ft and plugged back to 1,566 ft. Slotted from 1,320 to 1,566 ft. Cemented from 1,206 ft to surface. Reported yield of 1,500 gpm. Development test: Drawdown of 57 ft while pumping 2,200 gpm in 1965. <u>1/4</u>
908	J. T. Wilson	do	1968	1,520	12	1,508	Ec	550	170	Nov. 21, 1968	T, G 200	Irr	Slotted from 1,224 to 1,508 ft. Cemented from 1,186 ft to surface. Reported yield of 2,000 gpm. Development test: Drawdown of 31 ft while pumping 2,010 gpm on Nov. 21, 1968. <u>1/4</u>
* 03-201	Raymond Martinez	Lawrence and Joe Swierc	1958	945	8 6	200 945	Ec	520	110 128.05	Oct. 9, 1963 Oct. 7, 1969	Sub, E 30	D, S Irr	Perforated from 745 to 945 ft. Cemented from 745 ft to surface. Pump set at 270 ft. Reported yield of 650 gpm. Temp. 84°F.

See footnotes at end of table.

ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF TEST	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND SURFACE BATHY (ft.)	DATE OF MEASUREMENT			
* AI-78-03-202	Donald Cook	McKinley Drilling Co.	1965	1,496	12 10	613 1,496	Ec	550	--	--	T, G 200	Irr	Slotted from 1,245 to 1,496 ft. Cemented from 1,190 ft to surface. Temp. 94°F. <i>y</i>
302	-- Saylor	Lawrence and Joe Swierc	1950	1,055	8 6	120 1,055	Ec	490	82 102.76	Oct. 9, 1963 Apr. 7, 1972	N	N	Perforated from 923 to 1,055 ft. Observation well. <i>y y</i>
303	do	do	1963	994	10 7	300 994	Ec	470	42	Mar. 1963	T, G	Irr	Perforated from 830 to 994 ft. Cemented from 830 ft to surface. Pump set at 160 ft. Reported yield of 500 gpm. <i>y</i>
* 304	Antonio Espinosa	Favor Drilling Co.	1963	987	10 7	250 987	Ec	510	81	Oct. 9, 1963	T, G 75	D, S Irr	Slotted from 780 to 987 ft. Cemented from 780 ft to surface. Pump set at 200 ft. Reported yield of 500 gpm. Temp. 83°F. <i>y</i>
306	C. F. and W. Cartle Co.	Lawrence and Joe Swierc	1965	1,111	10 7	403 1,111	Ec	485	65	Jan. 5, 1965	T, E 90	Irr	Perforated from 913 to 1,111 ft. Cemented from 912 ft to surface. Pump set at 120 ft. Reported yield of 600 gpm. Development test: Drawdown of 33 ft while pumping 900 gpm to Jan. 1965. <i>y</i>
307	-- Saylor	do	1964	1,170	10 7	505 1,170	Ec	493	--	--	T, E	Irr	Slotted from 980 to 1,170 ft. Cemented from 971 ft to surface. Pump set at 180 ft. Development test yielded 1,500 gpm. Temp. 86°F.
* 401	L. B. Wier	--	1908	1,207	5 3	-- --	Ec	552	98 140.23	Feb. 4, 1969	C, K	D, S	Historical observation well measured from 1944 to 1969. <i>y</i>
403	John A. Wilson	McKinley Drilling Co.	1956	1,304	10 8	400 1,304	Ec	565	190	July 15, 1969	T, Ng 95	D, S Irr	Slotted from 1,004 to 1,304 ft. Cemented from 1,004 ft to surface. Pump set at 270 ft. <i>y</i>
404	Luke Wier	do	1956	1,302	10 8	400 1,302	Ec	542	120	Oct. 7, 1964	T, G 95	Irr	Slotted from 1,002 to 1,302 ft. Cemented from 1,002 ft to surface. Pump set at 315 ft. Reported yield of 1,000 gpm. <i>y</i>
* 405	John Wilson, Jr.	do	1961	1,400	12 5	400 1,400	Ec	564	150 120	July 1961 Oct. 7, 1963	T, E 100	Irr	Slotted from 1,150 to 1,400 ft. Cemented from 1,150 ft to surface. Pump set at 280 ft. Reported yield of 819 gpm. Development test: Drawdown of 50 ft while pumping 1,300 gpm in July 1961. Temp. 100°F. <i>y</i>
407	J. W. Smalley	Ormand and Boone	1953	1,350	10 8	400 1,350	Ec	560	--	--	T, E 75	Irr	Slotted from 1,150 to 1,350 ft. Cemented from 1,150 ft to surface. Pump set at 300 ft. <i>y</i>
* 408	Rodney Delange	H. and J. Drilling Co.	--	1,750	8 7	547 1,750	Ec	550	--	--	Sub, E 15	Ind	Water used to repressure oil field. Screened from 1,483 to 1,750 ft. Temp. 94°F. <i>y</i>
* 409	Luke Wier	McKinley Drilling Co.	1964	1,940	10 8	400 1,940	Ec, Ewi	538	100 147.26	Oct. 8, 1964	N	N	Perforated from 1,700 to 1,880 ft and 1,910 to 1,940 ft. Unused since 1966. Development test: Drawdown of 40 ft while pumping 140 gpm for 6 hours in 1964. <i>y</i>
502	S. G. Dalkowicz	do	1951	1,250	12 8	300 1,250	Ec	560	100	1964	T, G 125	Irr	Slotted from 1,060 to 1,250 ft. Cemented from 1,050 ft to surface. Reported yield of 850 gpm. <i>y</i>
* 503	do	do	1956	1,300	12 8	-- 1,300	Ec	590	180	Apr. 15, 1965	T, E 40	Irr	Reported yield of 257 gpm. Temp. 71°F. <i>y</i>
* 504	Humble Oil and Refining Co.	--	1956	2,624	10 8	400 2,624	Ewi	550	--	--	T, E 10	Ind	Water used to repressure oil field. Perforated from 2,233 to 2,243 ft, 2,390 to 2,400 ft, 2,477 to 2,487 ft, and 2,614 to 2,624 ft. Reported yield of 135 gpm. <i>y</i>
505	Lone Star Producing Co.	McKinley Drilling Co.	1964	1,800	7	1,800	Ec	542	--	--	Sub, E 25	Ind	Water used to repressure oil field. Slotted from 1,610 to 1,800 ft. Cemented from 1,580 ft to surface. Reported yield of 250 gpm. <i>y</i>

See footnotes at end of table.

ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* AL-78-03-507	Baldassar and Richard Trevino	Carroll Drilling Co.	1964	1,540	12 3/8	382 1,482	Ec	575	85	Feb. 20, 1964	T, C 89	D, Irr	Slotted from 1,091 to 1,482 ft. Open hole from 1,482 to 1,540 ft. Cemented from 1,091 ft to surface. Pump set at 250 ft. Reported yield of 1,500 gpm. Development test: Drawdown of 108 ft while pumping 1,954 gpm for 1-1/2 hours in Mar. 1964. Temp. 92°F. <i>1/4</i>
508	Milton Davis	McKinley Drilling Co.	1957	1,690	12 10	500 1,690	Ec	570	171.76	Apr. 15, 1965	T, E 150	Irr	Slotted from 1,415 to 1,690 ft. Pump set at 300 ft. Reported yield of 1,500 gpm. Development test: Drawdown of 48.2 ft while pumping 1,421 gpm in Apr. 1965. <i>4</i>
* 509	Alvin Voss	do	1968	1,547	12 10	807 1,528	Ec	575	188.61 210.41	Dec. 16, 1969 Apr. 7, 1972	T, G 220	Irr	Slotted from 1,201 to 1,528 ft. Open hole from 1,528 to 1,547 ft. Cemented from 1,150 ft to surface. Temp. 92°F. Observation well. <i>1/3</i>
510	Harold S. Williams	Monte Wigdon Water Well Drilling	1969	252	7	209	Ec	605	168	May 31, 1969	N	N	Open hole from 209 to 252 ft. <i>1/3</i>
601	Edgar Mueller	Lawrence and Joe Swierc	1953	1,647	8 6	210 1,647	Ec	565	96 149.55	Apr. 19, 1956 Mar. 10, 1972	N	N	Perforated from 1,470 to 1,647 ft. Development test: Drawdown of 34 ft while pumping 400 gpm on Feb. 6, 1953. Recorder observation well. <i>1/3 3/4</i>
602	do	do	1965	1,700	10 6	600 1,700	Ec	535	--	--	T, C 75	Irr	Slotted from 1,470 to 1,700 ft. Cemented from 1,470 ft to surface. <i>4</i>
603	Bob Hines	McKinley Drilling Co.	1956	1,605	12 8	401 1,605	Ec	572	156.60 200.78	Apr. 15, 1965 Oct. 9, 1969	T, E 75	Irr	Slotted from 1,305 to 1,605 ft. Cemented from 1,305 ft to surface. Pump set at 280 ft. Development test: Drawdown of 45 ft while pumping 1,258 gpm for 43 hours in Apr. 1965. <i>4</i>
605	Milton Davis	-- Collins	1963	1,700	12 10	550 1,700	Ec	530	125	Apr. 15, 1968	T, C 250	Irr	Slotted from 1,300 to 1,700 ft. Cemented from 1,300 ft to surface. Pump set at 370 ft. Reported yield of 1,200 gpm. Temp. 92°F. <i>4</i>
* 606	Frank Geyer	Olaf L. Boone	1957	1,609	12 8	400 1,609	Ec	505	143.84	Oct. 9, 1969	T, E 125	Irr	Slotted from 1,409 to 1,609 ft. Cemented from 1,409 ft to surface. Pump set at 320 ft. Reported yield of 850 gpm. Temp. 92°F. <i>4</i>
702	-- Dubose	Lawrence and Joe Swierc	1955	1,275	10 7	200 1,275	Ec	512	58	1955	T, C 153	Irr	Slotted from 1,105 to 1,275 ft. Cemented from 1,105 ft to surface. Pump set at 196 ft. Reported yield of 800 gpm. <i>4</i>
703	do	Rudco Oil and Gas Co.	1948	1,200	10	--	Ec	487	--	--	N	N	Abandoned. Oil test drilled to 4,858 ft, plugged back to 1,200 ft, and converted to water well. <i>2/4</i>
704	Brauchle Brothers	Olaf L. Boone	1961	1,600	12 8	500 1,600	Ec	490	100	Oct. 7, 1963	T, E 75	Irr	Slotted from 1,450 to 1,600 ft. Pump set at 240 ft. Reported yield of 1,000 gpm. <i>4</i>
705	N. T. Haskin Estate	McKinley Drilling Co.	1963	1,710	12	1,710	Ec	562	167	Dec. 1963	T, C 150	Irr	Slotted from 1,459 to 1,710 ft. Cemented from 1,400 ft to surface. Pump set at 350 ft. Development test: Drawdown of 43 ft while pumping 1,960 gpm on Dec. 20, 1963. <i>1/4</i>
706	W. W. Marsh	Humble Oil and Refining Co.	1956	1,700	10	1,690	Ec	520	90	Nov. 7, 1963	T, C 100	Irr	Pump set at 300 ft. Reported yield of 900 gpm. <i>4</i>
* 707	F. Geyer, Jr.	Olaf L. Boone	1963	1,570	12	1,570	Ec	545	143	Jan. 1963	T, E 125	Irr	Slotted from 1,320 to 1,570 ft. Cemented from 1,320 ft to surface. Reported yield of 762 gpm. Temp. 96°F. <i>4</i>
709	W. W. Marsh	McKinley Drilling Co.	1959	1,670	12 10	400 1,670	Ec	546	--	--	T, G 115	S, Irr	Slotted from 1,420 to 1,670 ft. Cemented from 1,420 ft to surface. Pump set at 285 ft. Reported yield of 1,600 gpm. <i>4</i>

See footnotes at end of table.

ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* AL-78-03-710	Dick Prassal	McKinley Drilling Co.	1967	1,663	12	1,644	Ec	540	--	--	T, G 210	Irr	Slotted from 1,254 to 1,644 ft. Open hole from 1,644 to 1,663 ft. Cemented from 1,224 ft to surface. Temp. 92°F. <u>1/4</u>
* 711	W. T. Watkins Estate	do	1965	1,740	12	1,722	Ec	523	--	--	T, G 200	Irr	Slotted from 1,422 to 1,722 ft. Open hole from 1,722 to 1,740 ft. Cemented from 1,400 ft to surface. Reported yield of 2,000 gpm. Development test: Drawdown of 25 ft while pumping 2,000 gpm in Nov. 1965. Temp. 95°F. <u>1/4</u>
801	Fred Franks	--	1928	1,692	7 4	-- --	Ec	512	12 79.27	Jan. 15, 1929 1960	N	N	Well 246 in Water-Supply Paper 1079-C. Abandoned. Historical observation well measured from 1944 to 1960. <u>4/4</u>
803	Dick Prassal	McKinley Drilling Co.	1955	1,625	12 8	300 1,625	Ec	586	145	1956	T, G 115	Irr	Slotted from 1,375 to 1,625 ft. Cemented from 1,375 ft to surface. Pump set at 290 ft. Reported yield of 1,200 gpm. <u>4/4</u>
804	Humble Oil and Refining Co.	--	--	3,100	--	--	Ewi	540	--	--	N	N	Abandoned. Perforated with 1 slot per 2 ft from 3,020 to 3,040 ft and 3,080 to 3,100 ft. <u>4/4</u>
805	Dick Prassal	McKinley Drilling Co.	1955	1,682	12 8	305 1,682	Ec	574	75	1963	T, G 115	Irr	Slotted from 1,432 to 1,682 ft. Pump set at 290 ft. Reported yield of 1,200 gpm. <u>4/4</u>
* 807	John F. Chupick	do	1968	2,200	7	2,175	Ec	548	--	--	Sub, E 40	Ind	Water used to repressure oil field. Slotted from 1,975 to 2,175 ft. Open hole from 2,175 to 2,200 ft. Cemented from 1,900 ft to surface. Temp. 99°F. <u>1/4</u>
* 901	Ben Harlin	Lawrence and Joe Swierc	1956	1,826	10 7	300 1,826	Ec	515	--	--	T, G	D, S Irr	Perforated from 1,549 to 1,826 ft. Pump set at 200 ft. Reported yield of 415 gpm. Development test: Drawdown of 128 ft while pumping 1,126 gpm for 24 hours on Apr. 21, 1956. Temp. 96°F. <u>1/4</u>
04-101	Ed Adams	Armstrong and Horn	1955	1,400	7 6	100 853	Ec	629	60	Oct. 3, 1963	Cl, E 15	D, S Irr	Oil test drilled to 4,240 ft, plugged back to 1,400 ft, and converted to water well. Slotted from 700 to 853 ft. Open hole from 853 to 1,400 ft. <u>4/4</u>
102	Wesley Clark	Olaf L. Boone	1956	1,180	10 7	300 1,180	Ec	640	46.4	do.	T, G	Irr	Slotted from 980 to 1,180 ft. Reported yield of 650 gpm. <u>4/4</u>
* 103	Edwin Brooks	E. H. Cannon Drilling Co.	1963	1,424	10 8	314 1,424	Ec	495	85 84.60 122.40	Feb. 25, 1963 Apr. 15, 1965 Sept. 18, 1969	T, E 40	Irr	Perforated from 1,234 to 1,424 ft. Pump set at 220 ft. Reported yield of 650 gpm. Development test: Drawdown of 30 ft while pumping 874 gpm for 41 hours on Mar. 23, 1963. <u>1/4</u>
* 104	L. E. Nolak	Lawrence and Joe Swierc	1963	1,038	10	1,038	Ec	490	40	1964	T, E 30	Irr	Slotted from 840 to 1,038 ft. Pump set at 140 ft. Reported yield of 615 gpm. Development test: Drawdown of 50 ft while pumping 900 gpm in 1964. Temp. 83°F. <u>4/4</u>
105	A. I. Robertson	do	1962	515	10 8	-- 515	Bgc	495	--	--	T, E 40	Irr	Reported yield of 750 gpm. <u>4/4</u>
201	Gorman Ranch	Gorman Drilling Co.	1961	1,575	14 10	800 1,575	Ec	417	9.92	Apr. 4, 1965	T, G 115	Irr	Pump set at 240 ft. Reported yield of 450 gpm. Development test: Drawdown of 45 ft while pumping 2,050 gpm in Apr. 1961. <u>4/4</u>
202	Howard Lowe	Lawrence and Joe Swierc	1964	1,236	10 8	-- 1,236	Ec	425	60	1964	T, E	Irr	Slotted from 1,200 to 1,236 ft. Pump set at 120 ft. Development test: Drawdown of 67 ft while pumping 1,114 gpm on Mar. 24, 1964. <u>4/4</u>

See footnotes at end of table.

ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF TEST	USE OF WATER	REMARKS
					DIAM-ETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
AL-78-04-203	Corusan Ranch	Gorman Drilling Co.	1964	1,800	13 9	-- 1,800	Pc	405	0.40	Apr. 5, 1965	T, G 190	Irr	Slotted from 1,600 to 1,800 ft. Pump set at 240 ft. Reported yield of 1,000 gpm. Development test yielded 1,583 gpm on Feb. 11, 1964. <u>4</u>
* 204	Mitch Thomas	M. Thierry	1964	1,458	6	1,450	Ec	430	37.58 23.30	Apr. 15, 1965 Apr. 12, 1972	N	N	Well 54 in Water-Supply Paper 1079-C. Gun perforated from 1,250 to 1,450 ft. Temp. 90°F. Observation well. <u>1</u> <u>3</u> <u>4</u>
* 205	Simon Rodriguez	Ormond and Boone	--	1,405	6 4	905 1,405	Ec	440	13.4	May 9, 1944	T, G	D, S	Well 55 in Water-Supply Paper 1079-C. Perforated. Temp. 89°F. <u>4</u>
* 206	Mitch Thomas	--	--	1,400	8 3	-- 1,400	Ec	430	11	1944	T, E	D, S	Well 56 in Water-Supply Paper 1079-C. Reported yield of 200 gpm. Temp. 89°F. <u>4</u>
207	Lone Star Brewery	Lawrence and Joe Swierc	1951	1,109	6	1,109	Ec	390	+ 50	June 14, 1951	Flows	D	Reported flow of 900 gpm on June 14, 1951. <u>4</u>
208	Gorman Ranch	Gorman Drilling Co.	1966	1,437	13 9	-- 1,437	Ec	400	--	--	T, G 115	Irr	Slotted from 950 to 1,437 ft. Cemented from 950 ft. to surface. Pump set at 240 ft. Reported yield of 1,000 gpm.
209	do	do	1966	1,446	13 9	-- 1,446	Ec	410	--	--	T, G 115	Irr	Slotted from 1,140 to 1,446 ft. Pump set at 240 ft. Reported yield of 1,000 gpm.
* 301	Travis Manfield	C. Armon	1937	1,500	8	1,500	Ec	432	+ 20.55 16.13 33.35	May 9, 1944 Nov. 15, 1960 Apr. 15, 1965	Sub, E	S	Reported flow of 86 gpm in 1944. <u>4</u>
* 303	Cerold Phillips	Olaf L. Boone	1955	1,400	10 7	400 1,400	Ec	435	30	Oct. 8, 1963	T, E 75	Irr	Slotted from 1,300 to 1,400 ft. Reported yield of 414 gpm. Temp. 90°F. <u>4</u>
* 304	Mitch Thomas	H. J. Chavanne	1958	1,500	10 7	200 1,500	Ec	466	--	--	T, E 40	S, Irr	011 test converted to water well. Slotted. Reported yield of 366 gpm. Temp. 92°F. <u>4</u>
305	Pete Pawelek	Olaf L. Boone	1960	1,154	12 8	200 1,154	Ec	385	--	--	Flows, T, G 200	Irr	Slotted from 974 to 1,154 ft. Reported flow of 250 gpm in 1965. <u>4</u>
306	Fred Halpin	do	1962	630	10 7	200 630	Eqc	430	50	1964	T, E 30	Irr	Slotted from 590 to 630 ft. Gravel packed. Pump set at 250 ft. Reported yield of 850 gpm. Development test: Drawdown of 110 ft while pumping 850 gpm in Apr. 1963. <u>2</u> <u>4</u>
307	Eugene Jasik	E. H. Cannon Drilling Co.	1968	1,531	12	1,531	Ec	463	97.05	Sept. 18, 1969	T, G 140	Irr	Slotted from 1,330 to 1,531 ft. Pump set at 200 ft. Reported yield of 1,200 gpm.
* 308	City of Pleasanton	McKinley Drilling Co.	1967	722.3	12	722	Eqc	409	76.35	Sept. 22, 1969	T, E 42	P	Slotted from 610 to 722 ft. Cemented from 500 ft. to surface. Gravel packed. Pump set at 250 ft. Reported yield of 460 gpm. Development test yielded 1,400 gpm in 1967.
401	B. R. Brooks	Lawrence and Joe Swierc	1956	1,593	10 7	306 1,590	Pc	530	70 167.10	Mar. 10, 1956 Sept. 18, 1969	T, G 100	Irr	Slotted from 1,375 to 1,590 ft. Pump set at 130 ft. Reported yield of 920 gpm. Development test: Drawdown of 112 ft while pumping 920 gpm for 24 hours on Mar. 10, 1956. <u>1</u> <u>4</u>
* 402	-- Ferguson	I. V. Bellison	--	1,040	8 6	-- --	Eqc	510	--	--	C, W	D, E	Well 218 in Water-Supply Paper 676 and 1079-C. <u>4</u>
* 502	City of Jourdanton	Layne Texas Co.	1929	1,635	10 8 6	162 1,280 1,635	Ec	475	68 123.09	Apr. 1956 Sept. 18, 1969	T, E 60	P	Well 250 in Water-Supply Paper 1079-C. Screened from 1,535 to 1,635 ft. Reported yield of 150 gpm. Development test: Drawdown of 57 ft while pumping 161 gpm in 1929. <u>1</u> <u>4</u>
503	do	--	--	1,150	10	1,150	Eqc	425	--	--	T, E 20	P, Ind	<u>4</u>

See footnotes at end of table.

## ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* AL-7B-04-504	Claude Katsier	Ormand and Boone	1955	1,800	10 7	289 1,800	Ec	490	--	--	T, E 75	Irr	Slotted from 1,600 to 1,800 ft. Reported yield of 773 gpm. Temp. 96°F. <u>y</u>
* 507	City of Jourdanton	McKinley Drilling Co.	1967	2,007	12 8	650 2,000	Ec	490	--	--	T, E 100	P	Slotted from 1,700 to 2,000 ft. Cemented from 1,650 ft. to surface. Pump set at 310 ft. Reported yield of 800 gpm. Development test: Drawdown of 100 ft while pumping 1,500 gpm for 24 hours on Dec. 12, 1967. <u>y y</u>
601	Atascosa Livestock Sales Yard	C. S. Young	1919	1,428	6	--	Eqc	403	10.0 24.51	Jan. 15, 1929	Sub, E	S	Well 251 in Water-Supply Paper 1079-C. Historical observation well measured from 1944 to 1958. <u>y y</u>
* 602	G. and D. Weathersten	--	1929	1,505	6	1,505	Ne	402	+ 55 + 29.5 10	June 1929 1944 Mar. 1965	T, E 20	D, S Irr	Well 249 in Water-Supply Paper 1079-C. Flowed until 1958. Pump set at 60 ft. Development test: Drawdown of 20 ft while pumping 450 gpm in 1944. Temp. 92°F. <u>y</u>
* 603	Fred Krause	-- Schwartz	1938	701	6 4	-- 701	Eqc	390	+ 1.0	June 3, 1944	C, E	D, S	Well 78 in Water-Supply Paper 1079-C. <u>y</u>
* 606	Bryan Bowen	Lawrence and Joe Swierc	1967	884	10	884	Eqc	400	--	--	T, E 50	S, Irr	Slotted from 608 to 881 ft. Cemented from 605 ft. to surface. Reported yield of 870 gpm. Development test: Drawdown of 54 ft while pumping 869 gpm in Aug. 1967. Temp. 86°F. <u>y</u>
607	Bill Fischer	do	1967	443.5	7	443	Eqc	410	--	--	Sub, E 7-1/2	D, Irr	Perforated from 351 to 443 ft. Cemented from 349 ft. to surface. Pump set at 147 ft. Reported yield of 180 gpm. <u>y</u>
608	G. and D. Weathersten	McKinley Drilling Co.	1967	1,697	12 8	591 1,697	Ec	430	--	--	T, E 50	S, Irr	Slotted from 1,497 to 1,697 ft. Cemented from 1,442 ft. to surface. <u>y</u>
701	Humble Oil and Refining Co.	Carl Vickers Water Wells	1950	1,950	5	1,950	Ec	470	--	--	T, E 30	Ind	Screened from 1,834 to 1,950 ft. <u>y</u>
702	do	do	1950	1,944	5	1,944	Ec	470	--	--	T, E 20	Ind	Screened from 1,829 to 1,944 ft. <u>y</u>
* 703	Bertha Winkler	Lawrence and Joe Swierc	1957	1,900	10 8	300 1,900	Ec	483	70	Oct. 3, 1963	T, E 40	Irr	Pump set at 160 ft. Reported yield of 350 gpm. Temp. 91°F. <u>y</u>
704	Murt McDonald	Keeney Well Service	1963	2,010	8 6 4	250 850 2,010	Ec	475	--	--	T, E 40	D, S Irr	Slotted from 1,810 to 2,010 ft. <u>y</u>
802	Dewey Tyler	do	1963	1,800	10 7	350 1,800	Ec	415	--	--	T, C	S, Irr	Perforated from 1,750 to 1,780 ft. Cemented from 1,800 ft. to surface. Pump set at 120 ft. Reported yield of 1,000 gpm. <u>y y</u>
* 803	City of Jourdanton	McKinley Drilling Co.	1957	1,960	12 10 8	395 1,430 1,960	Ec	480	55 74.85	Apr. 1957 Apr. 28, 1965	T, E 75	P	Slotted from 1,825 to 1,960 ft. Reported yield of 725 gpm. Development cost: Drawdown of 65 ft while pumping 2,032 gpm on Apr. 24, 1957. Temp. 98°F. <u>y</u>
* 804	John T. Pesek	do	1955	2,017	8 7	300 2,017	Ec	425	43.95	Apr. 26, 1965	T, Ng 50	Irr	Slotted from 1,657 to 2,017 ft. Pump set at 100 ft. Reported yield of 370 gpm. Temp. 92°F. <u>y</u>
* 805	Henry Schorsch, Jr.	do	1954	2,173	10 8	1,778 2,173	Ec	445	63.70	Apr. 27, 1965	T, Ng 90	Irr	Slotted from 1,800 to 2,173 ft. Pump set at 120 ft. Reported yield of 923 gpm. Temp. 96°F. <u>y</u>
* 808	do	do	1964	1,948	10 7	512 1,948	Ec	426	80	1964	T, C	Irr	Slotted from 1,613 to 1,948 ft. Cemented from 1,580 ft. to surface. Pump set at 175 ft. Reported yield of 692 gpm. Temp. 97°F. <u>y y</u>
809	do	Humble Oil and Refining Co.	1946	2,131	--	--	Ec	400	--	--	N	N	<u>y</u>

See footnotes at end of table.



ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BROWL LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
AL-78-04-812	Pete Schorsch II	McKinley Drilling Co.	1964	2,164	10 8	410 2,150	Ec	421	44.00 64.13	Mar. 11, 1970 Mar. 8, 1971	T, Mg	Irr	Slotted from 1,800 to 2,150 ft. Open hole from 2,150 to 2,164 ft. Cemented from 1,755 ft to surface. Pump set at 125 ft. Observation well. <i>y y y</i>
* 813	Mrs. J. J. Metarchus	Lawrence and Joe Swierc	1955	1,921	8 7	305 1,921	Ec	447	36 80	Aug. 19, 1955	T, Mg	Irr	Slotted from 1,600 to 1,921 ft. Pump set at 80 ft. Reported yield of 305 gpm. Development test: Drawdown of 52 ft while pumping 634 gpm for 12 hours on Aug. 19, 1955. Temp. 97°F. <i>y</i>
814	Alvin Brasifka	do	1967	610.74	10	601	Eqc	440	--	--	T, G 135	Irr	Slotted from 454 to 599 ft. Cemented from 450 ft to surface. Pump set at 170 ft. Development test: Drawdown of 154 ft while pumping 1,700 gpm on June 30, 1967. <i>y</i>
* 901	Humble Oil and Refining Co.	--	1946	2,350	7	2,053	Ec	420	--	--	T, E 5	D, Ind	Water used to repressure oil field. <i>y</i>
* 902	C. W. Franks	Lawrence and Joe Swierc	1961	372	5	372	Es	450	70 94.12	Apr. 12, 1963	Sub, E	E	Observation well. <i>y y</i>
905	Charles Uleak	Douglas V. Downing Well Service	1958	1,900	10 7	300 1,900	Ec	460	64	1958	T, Ng	D, S Irr	Reported yield of 750 gpm. Temp. 90°F. <i>y</i>
* 906	Frank Wyvlecks	Lawrence and Joe Swierc	1962	333	4	333	Es	475	--	--	C, E	D, S	Slotted from 312 to 333 ft. <i>y</i>
* 05-101	City of Pleasanton	--	1928	1,550	8	1,550	Ec	360	+ 71.5 2.40	May 9, 1944 Sept. 22, 1969	T, E	Irr	Reported flow of 235 gpm in 1944. Temp. 92°F. <i>y</i>
* 103	do	--	--	815	6 4	730 800	Eqc	380	20 10	Feb. 20, 1928 Aug. 14, 1945	N	N	Well 262-A in Water-Supply Paper 676 and 1079-C. Abandoned. Temp. 82°F. <i>y</i>
* 104	do	--	1954	1,700	10	1,700	Ec	400	10	Mar. 15, 1968	T, E 40	F	Slotted. Pump set at 115 ft. Reported yield of 500 gpm. Temp. 94°F. <i>y</i>
105	do	Ormand and Boone	1954	814	10 8	202 814	Eqc	380	74 62.9	July 9, 1963 Sept. 22, 1969	N	N	Abandoned. Slotted from 640 to 800 ft. Development test: Drawdown of 16 ft while pumping 237 gpm for 1 hour on July 9, 1963. Temp. 82°F. <i>y</i>
* 107	do	Olaf L. Boone	1959	810	10	810	Eqc	380	23 90 118	July 9, 1959 Aug. 12, 1969	T, E 30	F	Slotted from 641 to 810 ft. Pump set at 300 ft. Development test: Drawdown of 38 ft while pumping 348 gpm for 30 minutes on July 9, 1963. Temp. 84°F. <i>y</i>
* 108	do	McKinley Drilling Co.	1962	790	10	790	Eqc	395	45	July 9, 1963	T, E 40	F	Slotted from 610 to 790 ft. Cemented from 586 ft to surface. Pump set at 200 ft. Reported yield of 499 gpm. Development test: Drawdown of 20 ft while pumping 500 gpm for 30 minutes on July 9, 1963. Temp. 86°F. <i>y y</i>
109	do	do	1950	1,688	10 8	-- 1,688	Ec	370	--	--	N	N	Abandoned. Top of Carrizo Sand 1,140 ft. Reported flow of 800 gpm in 1950. <i>y y</i>
112	Harris Duke	Olaf L. Boone	--	1,200	8	1,200	Ec	395	--	--	T, G	Irr	Slotted from 1,170 to 1,200 ft. <i>y</i>
* 114	Pat Smith	Ormand and Boone	1955	1,275	10 7	300 1,275	Ec	370	--	--	T, G 50	S, Irr	Slotted from 1,200 to 1,275 ft. Pump set at 160 ft. Temp. 86°F. <i>y</i>
* 115	Joe Amacker	--	1906	208	4	--	Eqc	370	11.81	Apr. 22, 1965	N	N	Well 243 in Water-Supply Paper 676. Temp. 81°F. <i>y</i>
* 116	do	Tom Draper	1932	1,200	4	--	Ec	373	+ 40.00 10.02	June 5, 1944 Apr. 13, 1972	Sub, E 1/2	D, S	Well 76 in Water-Supply Paper 1079-C. Reported flow of 65 gpm in 1965. Observation well. <i>y y</i>

See footnotes at end of table.

ADASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER MEASURING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* AL-78-09-117	E. R. Breaker	-- Evans, et al.	1911	1,925	6 4	--	Ec	385	+ 80	1929	N	N	Well 241 in Water-Supply Paper 676. Abandoned. Temp. 90°F. <i>y</i>
118	Sam Shearer	Olaf L. Boone	1956	1,200	8	1,200	Ec	400	--	--	T, E 15	Irr	Slotted. <i>y</i>
* 201	G. E. Scogin	--	1918	1,429	10	1,429	Ec	407	+ 2 16.40	1929 Jan. 24, 1966	T, E 15	D, S Irr	Well 253 in Water-Supply Paper 1079-C. Pump set at 100 ft. Reported yield of 200 gpm. Temp. 85°F. Historical observation well. <i>y</i>
202	Guy S. Coombs Estate	--	--	--	6	--	--	405	20.34 24.23	May 10, 1944 Jan. 14, 1955	C, H	D, S	Well 91 in Water-Supply Paper 1079-C. Historical observation well measured from 1944 to 1955. <i>y</i>
203	John Auetin	Lawrence and Joe Swiorc	1955	1,500	12	1,500	Ec	360	--	--	T, G 70	Irr	Reported yield of 800 gpm. <i>y</i>
204	M. J. Brauchle Estate	Olaf L. Boone	1945	1,190	7	1,190	Ec	409	2.18	Apr. 22, 1965	T, E 30	Irr	Slotted from 1,140 to 1,190 ft. Reported flow of 300 gpm until 1963. Reported yield of 1,000 gpm. <i>y</i>
* 206	Fritz Loeffler	--	1937	400	6	--	Eqc	345	--	--	Flows, Sub, E	D, S Irr	Well 87 in Water-Supply Paper 1079-C. Temp. 85°F. <i>y</i>
* 207	J. E. Crockett, Jr.	--	--	700	6	700	Eqc	355	--	--	Flows	D, S Irr	Well 90 in Water-Supply Paper 1079-C. Reported flow of 50 gpm in 1944. Temp. 85°F. <i>y</i>
* 208	do	--	--	700	6	525	Eqc	345	--	--	Flows	N	Well 89 in Water-Supply Paper 1079-C. Temp. 77°F. <i>y</i>
* 209	A. H. Cuckrell	Clyde Demand	1937	600	6	350	Eqc	345	--	--	Flows	D, S	Well 88 in Water-Supply Paper 1079-C. Temp. 78°F. <i>y</i>
* 211	R. E. Mann	Olaf L. Boone	1963	1,900	10 8	150 1,900	Ec	343	--	--	Flows, Sub, E	Irr	Reported flow of 50 gpm in 1969. Temp. 96°F. <i>y</i>
212	Stanush Brothers	McKinley Drilling Co.	1965	1,637	12	1,637	Ec	405	--	--	T, G 150	Irr	Slotted from 1,362 to 1,637 ft. Cemented from 1,200 ft to surface. <i>y</i>
* 301	Joe Coughran	George Brown	1912	600	4	600	Eqc	405	16.59 16.38	May 18, 1944 Mar. 22, 1965	CE, E 1/2	D, S	Well 100 in Water-Supply Paper 1079-C. Temp. 79°F. Historical observation well measured from 1944 to 1957. <i>y</i>
* 304	Fairview Farms	McKinley Drilling Co.	1958	1,930	16 13 12	300 500 1,930	Ec	420	--	--	T, G	Irr	Slotted from 1,600 to 1,900 ft. Reported yield of 1,168 gpm. Temp. 99°F. <i>y</i>
* 305	H. L. Eichelberger	--	1963	1,900	10	1,900	Ec	375	--	--	Flows, T, E 30	Irr	Reported yield of 981 gpm. Temp. 100°F. <i>y</i>
* 306	L. D. Brown	W. Brown	--	1,050	6 4	-- 1,050	Eqc	382	+ 2.52 12.77	May 10, 1944 Feb. 6, 1969	Sub, E	D, S Irr	Well 255 in Water-Supply Paper 1079-C. Slotted from 950 to 1,050 ft. Historical observation well. <i>y</i>
* 307	Oscar Kreitz	do	1929	900	6	--	Eqc	370	+ 9.85	May 10, 1944	J, E	D, S	Well 95 in Water-Supply Paper 1079-C. <i>y</i>
* 308	Fairview Farms	--	1938	1,900	6	--	Ec	410	+ 53.0	do.	C, G	S	Well 101 in Water-Supply Paper 1079-C. Flowed until 1963. Temp. 93°F. <i>y</i>
* 309	Joe Wiesman	--	--	1,100	6	1,100	Eqc	375	--	--	C, G	D, S	Well 93 in Water-Supply Paper 1079-C. Reported flow of 32 gpm in 1944. Temp. 85°F. <i>y</i>
402	Billy White	Kesney Well Service	1963	400	7	308	Eqc	360	20	Oct. 2, 1963	Sub, E	Irr	Perforated from 228 to 308 ft. Open hole from 308 to 400 ft. Pump set at 187 ft. Reported yield of 150 gpm. <i>y</i>

See footnotes at end of table.

ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
AL-78-03-403	C. W. Franks	Armstrong and Horn	--	1,953	7	1,953	Ec	438	20 94.90	Oct. 3, 1963 Sept. 2, 1970	C, W	S	Reported yield of 500 gpm in 1963. <i>4</i>
* 405	Joe K. Williams	Tom Draper	1930	1,750	5 3	1,150 1,750	Ec	400	+ 41.0 3	May 9, 1944 Apr. 29, 1965	Cf, E	D, S	Well 86 in Water-Supply Paper 1079-C. Temp. 95°F. <i>4</i>
406	Warren E. Williams	Ormand and Boone	1946	1,700	8 5	-- 1,700	Ec	395	20	1965	Sub, &	D	Started. Flowed until 1962. <i>4</i>
* 407	do	McKinley Drilling Co.	1966	1,830	12 8	600 1,817	Ec	395	--	--	T, Ng 100	Irr	Slotted from 1,597 to 1,817 ft. Cemented from 1,537 ft to surface. Reported yield of 610 gpm. Development test yielded 2,200 gpm. Temp. 95°F. <i>3</i>
* 408	Dwvay Tyler	Lawrence and Joe Swierc	1967	1,150	8 7	308 1,150	Eqc	430	80 69.4	Apr. 1, 1967 June 19, 1969	Sub, E 5	D, S Irr	Perforated from 940 to 1,150 ft. Cemented from 938 ft to surface. Reported yield of 200 gpm. Development test: Drawdown of 20 ft while pumping 200 gpm on Apr. 1, 1967. Temp. 84°F. <i>1</i>
+ 409	City of Pleasanton	Olaf L. Boone	1957	800	10	800	Eqc	360	79.00 32.75	July 9, 1963 Apr. 13, 1972	T, E 20	P	Formerly well was 78-05-106 in Report 32. Slotted from 640 to 800 ft. Pump set at 170 ft. Development test: Drawdown of 30 ft while pumping 290 gpm for 30 minutes on July 9, 1963. Observation well. <i>3</i> <i>4</i>
* 501	S. L. Hatchelor	Ormand and Boone	1941	1,943	6 4	1,033 1,943	Ec	405	+ 38 54.71	May 9, 1944 Apr. 13, 1972	Sub, E 3/4	D, S	Perforated from 1,840 to 1,943 ft. Reported flow of 217 gpm in 1944. Temp. 98°F. Observation well. <i>1</i> <i>3</i> <i>4</i>
* 502	Rips Ranch	-- Cunningham	1927	1,722	6	1,722	Ec	370	+ 98	1927	Flows, T, E	D, S	Well 300 in Water-Supply Paper 1079-C. Reported flow of 10 gpm in 1965. Temp. 96°F. <i>4</i>
503	Joe K. Williams	H. and J. Drilling Co.	1955	2,059	10 7	256 2,059	Ec	400	--	--	T, Ng	Irr	Oil test converted to water well. Perforated from 1,814 to 2,059 ft. Reported yield of 350 gpm. Development test: Drawdown of 30 ft while pumping 800 gpm in 1956. <i>4</i>
* 601	John Austin	--	--	903	--	--	Eqc	340	+ 27.3	May 10, 1944	Flows	S, Irr	Well 257 in Water-Supply Paper 1079-C. Reported flow of 95 gpm in 1965. Temp. 85°F. <i>4</i>
602	do	--	--	927	4	927	Eqc	320	+ 28.0	do.	Flows	D, S Irr	Well 256 in Water-Supply Paper 1079-C. Reported flow of 80 gpm in 1965. Temp. 84°F. <i>4</i>
* 603	H. L. Eichelberger	--	1915	885	6	885	Eqc	320	+ 23.5	May 9, 1944	Flows	F	Reported flow of 100 gpm in 1962. Temp. 84°F. <i>4</i>
* 604	C. L. Downey	--	1940	1,000	6	979	Eqc	350	+ 16	May 18, 1944	Flows	D, S	Well 84 in Water-Supply Paper 1079-C. Perforated from 919 to 979 ft. Open hole from 919 to 1,000 ft. Reported flow of 24 gpm in 1940. Temp. 86°F. <i>4</i>
* 605	V. E. Sanderson	McKinley Drilling Co.	1965	2,130	18 12 8	20 410 2,130	Ec	320	--	--	Flows, T, G 125	Irr	Slotted from 1,880 to 2,130 ft. Cemented from 1,820 ft to surface. Reported flow of 400 gpm in 1965. Reported yield of 600 gpm. Temp. 101°F. <i>1</i> <i>4</i>
* 606	M. S. Coughran	George Brown	1928	700	4	--	Eqc	330	--	--	Flows	D, S	Well 97 in Water-Supply Paper 1079-C.
* 702	Humble Oil and Refining Co.	A. H. Masiran	1942	640	7	638	Es	395	20	1942	N	N	Well 82 in Water-Supply Paper 1079-C. Perforated from 596 to 616 and 620 to 638 ft. Reported yield of 200 gpm. <i>1</i> <i>4</i>
* 703	M. L. Thompson	Paul Draper	1935	1,500	5	--	Eqc	385	--	--	Flows	D, S	Reported flow of 30 gpm in 1944. Temp. 90°F.
* 801	R. D. Quillian	Humble Oil and Refining Co.	1939	2,060	4	2,060	Ec	425	+ 15.75 20	May 18, 1944 1964	N	N	Well 83 in Water-Supply Paper 1079-C. Abandoned. Perforated from 2,015 to 2,060 ft.

See footnotes at end of table.

ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIPT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* AL-78-05-802	R. D. Quillian	Humble Oil and Refining Co.	1945	2,993	9	2,420	Ec	410	60.68 59.30	Sept. 30, 1969 Apr. 12, 1972	Sub, E 10	D, S	Slotted from 2,300 to 2,420 ft. Open hole from 2,420 to 2,993 ft. Reported yield of 345 gpm. Temp. 103°F. Observation well. <i>y y</i>
803	Raymond Difee	Olaf L. Moore	1953	2,100	10 8	-- --	Ec	370	8.31 15.39	Apr. 30, 1965 Dec. 17, 1968	N	N	Abandoned. Historical observation well. <i>y</i>
804	do	McKinley Drilling Co.	1964	2,414	12 8	400 2,414	Ec	377	--	--	T, E 60	Irr	Slotted from 2,214 to 2,414 ft. Cemented from 2,150 ft to surface. Pump set at 150 ft. Reported yield 900 gpm. <i>y y</i>
* 902	R. W. Dargay	Ormand and Boone	1948	1,159	--	--	Eqc	325	--	--	Flows	N	<i>y</i>
06-102	D. D. Heinen	--	1934	1,495	8	1,495	Ec	400	18.30 32.72	Apr. 26, 1965 Oct. 24, 1969	T, E 15	S, Irr	Slotted. Flowed until 1957. Pump set at 70 ft. Reported yield of 475 gpm. <i>y</i>
103	Fairview Farms	McKinley Drilling Co.	1958	2,015	10	2,015	Ec	422	53.19 65.08	Oct. 24, 1969 Apr. 12, 1972	T, C 725	Irr	Slotted from 1,600 to 1,900 ft. Pump set at 160 ft. Reported yield of 930 gpm. Observation well. <i>y y</i>
* 201	Edwin Seay	A. R. Thierry	1950	2,165	10 6	75 2,165	Ec	415	--	--	T, E 25	D, S Irr	Perforated from 2,035 to 2,165 ft. Flowed until 1955. Pump set at 50 ft. Reported yield of 550 gpm. <i>y</i>
202	do	do	1954	2,220	8	2,220	Ec	372	--	--	T, E 20	S, Irr	Slotted from 1,980 to 2,220 ft. Flowed until 1964. Pump set at 80 ft. <i>y</i>
203	E. E. Meyer	W. Brown	--	1,157	6	--	Eqc	376	+ 7.1 2.0	May 10, 1944 Apr. 26, 1965	T, E 15	Irr	Well 259 in Water-Supply Paper 1079-C. <i>y</i>
* 401	M. F. Flores	Ormand and Boone	1943	2,010	6 4 2	70 1,060 2,010	Ec	365	62.5	May 10, 1944	Cf, E 1-1/2	D, S	Slotted from 1,930 to 2,010 ft. Temp. 102°F. <i>y</i>
* 403	Ralph Coughran	George Brown	1908	550	4	--	Es	346	--	--	Flows, C, W	D, S	Well 99 in Water-Supply Paper 1079-C. Temp. 83°F. <i>y</i>
502	J. E. Kruse	McKinley Drilling Co.	1956	2,310	10 8	298 2,310	Ec	392	13 34.74	Aug. 18, 1964 Oct. 24, 1969	T, C 40	Irr	Perforated from 2,010 to 2,310 ft. Pump set at 70 ft. Development cost: Drawdown of 65 ft while pumping 1,000 gpm on Apr. 27, 1956. <i>y</i>
* 503	C. Keeney	--	1960	2,600	8	2,600	Ec	392	16.90 37.12	June 23, 1965 Apr. 12, 1972	T, E 30	Irr	Oil test drilled to 3,421 ft., plugged back to 2,600 ft. and converted to water well. Perforated from 2,100 to 2,600 ft. Pump set at 150 ft. Reported yield of 346 gpm. Temp. 102°F. Observation well. <i>y y</i>
* 504	Erwin Kretschmar	McKinley Drilling Co.	1966	2,302	10 7	390 2,302	Ec	340	+ 25	May 1966	Flows, T, E 25	S, Irr	Slotted from 2,125 to 2,302 ft. Cemented from 2,075 ft to surface. Reported flow of 200 gpm. Reported yield of 400 gpm. Temp. 110°F. <i>y</i>
* 603	-- Billmac	--	1934	--	6	--	Eqc	350	--	--	Flows	S	Well 103 in Water-Supply Paper 1079-C. Reported flow of 60 gpm in 1964. Temp. 93°F. <i>y</i>
* 702	Frances Korus	--	1948	4,000	9	3,900	Ec	302	--	--	Flows	D, S	Shot perforated from 2,300 to 2,850 ft. Reported flow of 647 gpm in 1969. Temp. 112°F. <i>y</i>
* 802	Robert Kuykendall	--	1962	3,900	9	3,900	Ec	340	--	--	Flows	S, Irr	Oil test converted to water well. Perforated from 3,200 to 3,900 ft. Reported flow of 250 gpm in 1969. Temp. 108°F. <i>y</i>
* 803	Fairview Farms	Plymouth Oil Co.	1950	4,700	10	4,700	Ec	350	--	--	Flows	D, S	Reported flow of 221 gpm in 1969. Temp. 105°F. <i>y</i>
* 901	Robert Kuykendall	McKinley Drilling Co.	1955	3,195	10 8	288 3,195	Ec	343	.13	Oct. 17, 1969	T, C 60	D, Irr	Slotted from 2,595 to 3,195 ft. Reported flow of 350 gpm in 1965. Temp. 115°F. <i>y</i>

See footnotes at end of table.

ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASTING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
AL-78-06-902	Sydney Mieschwitz	McKinley Drilling Co.	1963	3,380	12 8	301 3,380	Ec	340	+ 14.57	June 24, 1965	Flows, T, G	Irr	Slotted from 3,129 to 3,380 ft. Cemented from 3,030 ft to surface. Reported flow of 250 gpm in 1965. <i>y y</i>
* 903	Robert Kuykendall	Quintana Petroleum Corp.	1946	3,500	10	3,500	Ec	336	--	--	Flows, T, G 90	Irr	Oil test drilled to 9,010 ft, plugged back to 3,500 ft, and converted to water well. Perforated from 2,900 to 3,500 ft. Top of Carrizo Sand 2,580 ft. Reported flow of 275 gpm in 1969. Pump set at 100 ft. Temp. 112°F. <i>y y</i>
* 906	Guy Smith	J. E. Hillier	1948	3,035	7 5	400 3,035	Ec	310	--	--	Flows	D, S Irr	Slotted from 2,800 to 3,035 ft. Reported flow of 85 gpm in 1969. Temp. 116°F. <i>y</i>
* 07-701	-- Mieschwitz	--	--	--	4	--	--	275	--	--	Flows	S	Well 104 in Water-Supply Paper 1079-C. Temp. 80°F. <i>y</i>
* 10-302	Rowena Dillard	Humble Oil and Refining Co.	1945	1,550	9	1,550	Ec	479	124.91	Nov. 3, 1969	T, E 50	S, Irr	Oil test converted to water well. Pump set at 240 ft. Reported yield of 510 gpm. Temp. 86°F. <i>y</i>
303	do	E. K. Cannon Drilling Co.	1963	1,770	12 10	-- 1,770	Ec	480	80 117.93	Oct. 7, 1963 Mar. 4, 1971	T, E 75	Ter	Slotted. Pump set at 240 ft. Development test: Drawdown of 70 ft while pumping 1,293 gpm on July 27, 1963. Observation well. <i>y y</i>
304	Humble Oil and Refining Co.	Patterson Drilling Co.	1961	3,500	7	3,500	Ewi	463	--	--	Flows, T, E 10	Ind	Slotted from 3,167 to 3,500 ft. Cemented from 3,167 ft to surface. Reported flow of 203 gpm in 1969. Reported yield of 250 gpm. Development test yielded 566 gpm on Feb. 3, 1961. <i>y</i>
* 305	do	do	1961	3,500	7	3,500	Ewi	457	+ 32.34	Jan. 1961	Flows, T, E 10	Ind	Water used to repressure oil field. Slotted from 1,379 to 3,500 ft. Cemented from 3,179 ft to surface. Pump set at 70 ft. Reported yield of 352 gpm. Development test yielded 557 gpm in Jan. 1961. Temp. 114°F. <i>y</i>
w 602	The Texas Co.	--	1960	3,710	7	3,710	Ewi	452	--	--	Flows, T, E 5	Ind	Water used to repressure oil field. Shot perforated from 3,176 to 3,576 ft. Reported flow of 55 gpm in 1969. Pump set at 50 ft. <i>y</i>
* 603	D. D. Vickers	Byers and Dummit	1954	1,840	9 7	200 1,840	Ec	482	84 91.17	Jan. 1964 Nov. 5, 1969	Sub, E 3/4	D, S Irr	Oil test drilled to 5,200 ft, plugged back to 1,840 ft, and converted to water well. Slotted from 1,640 to 1,840 ft. Pump set at 180 ft. Reported yield of 500 gpm. <i>y</i>
* 606	Bob Hinder	McKinley Drilling Co.	1967	1,937	12 8	618 1,937	Ec	450	93.80 112.99	June 18, 1969 Mar. 4, 1971	T, E 125	Irr	Slotted from 1,591 to 1,937 ft. Cemented from 1,533 ft to surface. Reported yield of 1,030 gpm. Development test: Drawdown of 60 ft while pumping 2,100 gpm. Temp. 98°F. Observation well. <i>y y</i>
902	Betty H. Woodward	do	1969	2,192	12 8 7	596 1,870 2,192	Ec	496	163.12	Nov. 14, 1969	T, E 125	Irr	Slotted from 1,620 to 2,192 ft. Cemented from 1,580 ft to surface. Pump set at 400 ft. Reported yield of 1,050 gpm. Development test: Drawdown of 84 ft while pumping 1,982 gpm in Sept. 1969. <i>y</i>
* 11-101	Atascosa County Water Control and Improvement District	Boone and Thierry	1957	1,869	10 8	510 1,869	Ec	530	107 133	Apr. 1957 Apr. 29, 1965	T, E 50	F	Slotted from 1,703 to 1,869 ft. Cemented from 1,700 ft to surface. Pump set at 290 ft. Reported yield of 475 gpm. Development test: Drawdown of 93 ft while pumping 1,200 gpm on Jan. 7, 1957. Temp. 92°F. <i>y y</i>
103	The Texas Co.	--	1961	2,800	10 7	1,000 2,800	Ewi	490	15	Nov. 14, 1963	T, E 5	Ind	Water used to repressure oil field. Slotted from 2,650 to 2,800 ft. Reported yield of 300 gpm. <i>y</i>

See footnotes at end of table.

ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF TEST	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
AL-7B-11-104	Humble Oil and Refining Co.	--	1951	1,715	7	--	Ec	490	--	--	Sub, E	D, Ind	Slotted from 1,541 to 1,687 ft. <u>4</u>
* 105	do	Humble Oil and Refining Co.	1944	1,520	9	1,520	Ec	450	44.3	May 11, 1944	T, E 3	N	Well 117 in Water-Supply Paper 1079-C. Oil test drilled to 6,933 ft, plugged back to 1,520 ft, and converted to water well. Slotted from 1,470 to 1,520 ft. Reported flow of 198 gpm in 1940. Unused livestock, industrial, and water-flooding well. Temp. 97°F. <u>3</u> <u>4</u>
106	The Texas Co.	Olaf L. Boone	1948	1,576	--	--	Ec	505	--	--	T, E 7-1/2	D	Well deepened from 365 to 1,576 ft. Slotted from 1,513 to 1,576 ft. <u>4</u>
125	Bob Hinde	do	1956	1,690	10 7	350 1,690	Ec	512	150	1963	T, C 125	Irr	Formerly well was 78-03-708 in Report 32. Pump set at 350 ft. <u>4</u>
201	Atascosa County Water Control and Improvement District	Johnson Drilling and Supply Co.	1949	1,900	10 8 6	151 1,692 1,900	Ec	530	140	1962	T 50	N	Slotted from 1,692 to 1,900 ft. Unused public supply well. Pump set at 240 ft. Reported yield of 500 gpm. Development test: Drawdown of 39 ft while pumping 624 gpm in Aug. 1949. <u>3</u> <u>4</u>
202	Marcelina Orpeza	Lawrence and Joe Swierz	1956	1,730	10 7	300 1,730	Ec	542	60 199.24	July 14, 1964 Apr. 10, 1972	T, C 120	Irr	Screened. Pump set at 240 ft. Reported yield of 600 gpm. Development test yielded 800 gpm. Observation well. <u>3</u> <u>4</u>
203	Emelia Tujan	Humble Oil and Refining Co.	1947	2,600	10	--	Bwl	545	--	--	T, Ng 50	S, Irr	Oil test drilled to 7,119 ft, plugged back to 2,600 ft, and converted to water well. <u>2</u> <u>4</u>
* 204	Jerry Brown	Ormand and Boone	--	325	4	--	Ea	533	147.70 134.52	Sept. 2, 1970 Apr. 7, 1972	Sub, E	D, S	Temp. 80°F. Observation well. <u>3</u> <u>4</u>
* 205	Humble Oil and Refining Co.	Humble Oil and Refining Co.	1961	3,575	--	--	Bwl	550	52	Mar. 1, 1961	T, E 20	Ind	Water used to repressure oil field. Slotted from 3,245 to 3,575 ft. Development test: Drawdown of 78 ft while pumping 381 gpm on Mar. 1, 1961. Temp. 114°F. <u>4</u>
* 207	Atascosa County Water Control and Improvement District	McKinley Drilling Co.	1965	1,993	10 8	800 1,993	Ec	560	173	Feb. 1, 1968	T, E 100	F	Slotted from 1,763 to 1,993 ft. Cemented from 1,700 ft to surface. Pump set at 340 ft. Reported yield of 700 gpm. Development test: Drawdown of 27 ft while pumping 578 gpm for 24 hours on Feb. 1, 1968. Temp. 92°F.
* 301	C. T. Niers	Humble Oil and Refining Co.	1951	2,122	9	2,122	Ec	479	52.90 124.42	Jan. 30, 1961 Apr. 7, 1972	T, E	S, Irr	Oil test drilled to 5,427 ft, plugged back to 2,122 ft, and converted to water well. Slotted from 1,825 to 2,122 ft. Pump set at 80 ft. Reported yield of 800 gpm. Observation well. <u>3</u> <u>4</u>
302	J. T. Dornak	Magnolia Petroleum Co.	1956	1,900	9	1,900	Ec	458	35	1964	T, Ng 75	S, Irr	Oil test drilled to 7,510 ft, plugged back to 1,900 ft, and converted to water well. Slotted from 1,700 to 1,900 ft. Pump set at 150 ft. <u>2</u> <u>4</u>
303	John Shook	--	1955	2,500	10	2,500	Ec	475	35	1964	T, G	Irr	Oil test converted to water well. Slotted from 1,900 to 2,500 ft. <u>4</u>
* 305	Leon F. Steidle and R. B. Whipple	--	1928	842	--	--	Bqc	471	73.85 71.80	Apr. 28, 1965 Apr. 7, 1972	N	N	Well 116 in Water-Supply Paper 1079-C. Temp. 50°F. Observation well. <u>3</u> <u>4</u>
401	E. B. Daugherty	McKinley Drilling Co.	1956	2,200	10	2,200	Ec	507	--	--	T, E 100	D, S Irr	Oil test drilled to 5,404 ft, plugged back to 2,200 ft, and converted to water well. Slotted from 1,600 to 2,100 ft. Pump set at 205 ft. <u>4</u>
* 402	M. M. Davis	--	1956	2,300	10 8	-- 2,300	Ec	428	50	Oct. 28, 1963	T, G 115	Irr	Reported yield of 1,000 gpm. Temp. 101°F. <u>4</u>

See footnotes at end of table.

ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
AL-78-11-403	Double Oil and Refining Co.	Double Oil and Refining Co.	--	3,600	9	3,600	Ev1	440	+ 92.4	Aug. 1964	Flows	N	Oil test drilled to 5,130 ft, plugged back to 3,600 ft, and converted to water well. Perforated from 3,280 to 3,600 ft. Unused water-flooding well. <u>4</u>
604	Bob Hinder	McKinley Drilling Co.	1964	2,047	12	2,047	Ec	488	105.50 102.41	Apr. 29, 1965 Mar. 6, 1967	T, G 218	Irr	Perforated from 1,747 to 2,047 ft. Cemented from 1,700 ft to surface. Top of Ustrizo sand 1,725 ft. Reported yield of 1,400 gpm. Historical observation well. <u>4</u>
501	M. J. Brauchle Estate	do	1958	2,160	10 7	350 2,160	Ec	495	90.00 160.84	Oct. 11, 1963 Apr. 10, 1972	T, E 60	Irr	Perforated from 1,860 to 2,160 ft. Pump set at 280 ft. Development test: Drawdown of 135 ft while pumping 1,000 gpm on Feb. 10, 1958. Observation well. <u>3</u> <u>4</u>
* 603	Escher E. Klingeman	General Crude Oil Co.	1955	2,500	--	2,500	Ec	485	60	Apr. 1958	T, G	Irr	Pump set at 150 ft. Development test: Drawdown of 85 ft while pumping 870 gpm on Apr. 21, 1955. Temp. 100°F. <u>4</u>
* 604	William B. Marshall	McKinley Drilling Co.	1965	2,450	12 10	510 2,450	Ec	460	--	--	T, G 210	Irr	Slotted from 2,200 to 2,450 ft. Cemented from 2,141 ft to surface. Temp. 106°F. <u>4</u>
702	Kuykendall and Hinder	Lawrence and Joe Swierc	1963	412	7	412	Ec	430	--	--	T, E 30	Irr	Perforated from 303 to 412 ft. Reported yield of 200 gpm. <u>4</u>
* 703	Jesus Oropeza	do	1967	413	7	413	Ec	429	53	Oct. 14, 1967	Sub, E 10	D, S Irr	Perforated from 310 to 413 ft. Cemented from 308 ft to surface. Pump set at 126 ft. Reported yield of 140 gpm. Development test: Drawdown of 25 ft while pumping 180 gpm on Oct. 14, 1967. Temp. 84°F. <u>4</u>
* 801	Allen Hime	--	1955	2,150	12 8	500 1,910	Ec	434	42.72	Apr. 29, 1965	T, G 102	Irr	Open hole from 1,910 to 2,150 ft. Top of Carrizo Sand 1,950 ft. Pump set at 210 ft. Reported yield of 400 gpm. <u>4</u>
803	Bob Hinder	McKinley Drilling Co.	1969	2,486	12 8	712 2,400	Ec	400	72.78 85.51	Dec. 16, 1969 Apr. 10, 1972	T, E 75	Irr	Slotted from 2,201 to 2,486 ft. Cemented from 2,141 ft to surface. Pump set at 300 ft. Reported yield of 1,200 gpm. Development test: Drawdown of 65 ft while pumping 2,200 gpm. Temp. 100°F. Observation well. <u>1</u> <u>3</u>
804	James A. Hime, Sr.	do	1967	2,260	12 8	695 2,260	Ec	440	--	--	T, G 250	Irr	Slotted from 1,960 to 2,260 ft. Cemented from 1,900 ft to surface. Development test yielded 1,700 gpm. <u>4</u>
901	J. House	Lawrence and Joe Swierc	1956	2,250	8 5	300 2,250	Ec	505	118	July 1963	T, C	Irr	Perforated from 1,960 to 2,250 ft. Pump set at 200 ft. Reported yield of 500 gpm. <u>4</u>
12-101	Leonard Schorsch	McKinley Drilling Co.	1948	2,119	10 8	350 2,119	Ec	450	80	1964	T, NG 92	Irr	Slotted from 1,839 to 2,119 ft. Pump set at 145 ft. <u>4</u>
* 105	Jerome Jask	--	1913	1,340	6	--	Egc	408	+ 2.0 20	May 25, 1944 Apr. 28, 1965	J, E	D, S	Well 282 in Water-Supply Paper 676. Flowed until 1946. Temp. 88°F. <u>4</u>
* 201	Joe J. Vytlecka	Lawrence and Joe Swierc	1954	2,075	10 6	200 2,075	Ec	390	+ 71 9.10	May 1954 Apr. 25, 1965	T, G	Irr	Perforated from 1,925 to 2,075 ft. Reported flow of 800 gpm in 1954. Flowed until 1964. Temp. 98°F. <u>4</u>
203	Alfred Steinle	--	1946	1,900	6	1,900	Ec	401	20	Oct. 3, 1945	T, E	Irr	Reported flow of 400 gpm in 1946. Reported yield of 500 gpm. <u>4</u>
* 205	Ella Mahoney	Lawrence and Joe Swierc	1963	459	4	459	Ec	371	--	--	C, W	S	Slotted from 417 to 459 ft. <u>4</u>

See footnotes at end of table.

ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BLOW-LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* AL-78-12-301	James Jenkins	Lawrence and Joe Swierc	1954	2,150	8 5	180 2,150	Fe	414	60 46.83	Mar. 17, 1970	T, G	N	Slotted. Flowed until 1956. Unused livestock well. Reported yield of 250 gpm. Historical observation well. <u>3</u> <u>4</u>
* 302	W. L. Muckleroy	do	1954	2,170	8 5	180 2,170	Mc	385	30	1963	T, C 40	D, S Irr	Perforated from 1,770 to 2,170 ft. Cemented from 1,770 ft to surface. Flowed until 1956. Pump set at 110 ft. Reported yield of 350 gpm. Temp. 90°F. <u>4</u>
* 501	Amos Garter	Keeney Well Service	1963	2,570	10 7	450 2,570	Ec	434	68.5 60.57	Nov. 7, 1963 June 23, 1965	T, G	Irr	Slotted from 2,338 to 2,555 ft. Pump set at 140 ft. Reported yield of 607 gpm. Temp. 96°F. <u>4</u>
* 701	-- Bonner	A. A. Wuensch	1956	2,405	10 7	350 2,391	Ec	452	45 111.80	Apr. 10, 1962 1972	T, G 40	Irr	Slotted from 2,350 to 2,391 ft. Open hole from 2,391 to 2,405 ft. Pump set at 200 ft. Reported yield of 750 gpm. Development test: Drawdown of 145 ft while pumping 880 gpm for 12 hours on Mar. 8, 1958. Observation well. <u>3</u> <u>4</u>
13-101	Arlic Low	McKinley Drilling Co.	1956	2,600	12 8 7	306 2,322 2,600	Ec	370	+ 4	Oct. 2, 1963	T, G 40	Irr	Slotted from 2,160 to 2,600 ft. Reported flow of 200 gpm in 1963. Pump set at 100 ft. Reported yield of 1,000 gpm. Development test: Drawdown of 60 ft while pumping 1,000 gpm in Nov. 1963. <u>4</u>
* 202	A. Smith	W. Stempel	1928	148	4	--	Ey	356	70 84.26	1930 June 23, 1965	C, W	S	Well 332 in Water-Supply Paper 676. <u>4</u>
* 402	C. D. Saldree	-- Schwartz	1917	1,314	6 4	-- 1,314	Eqc	342	--	--	Flows	D, S	Slotted from 1,280 to 1,314 ft. Reported flow of 30 gpm in 1965. <u>4</u>
* 501	E. C. Hendricks	Clyde Ormand	1943	1,325	4	--	Eqc	351	--	--	Flows	D, S	Well 79 in Water-Supply Paper 1079-C. Temp. 92°F. <u>4</u>
* 502	Glyanc Smith	--	--	285	4	--	Ey	290	--	--	Flows	N	Well 80 in Water-Supply Paper 1079-C. Unused livestock well. Temp. 78°F. <u>4</u>
* 701	City of Christine	--	1911	956	6 4	--	Ec	330	+ 19.5 + 2.00	May 25, 1944 Apr. 10, 1972	Flows	N	Well 296 in Water-Supply Paper 676. Unused. Temp. 89°F. Observation well. <u>3</u> <u>4</u>
* 702	do	Lawrence and Joe Swierc	1954	1,717	5	1,717	Eqc	330	+ 36.74 + 25.19	Aug. 31, 1970 Apr. 10, 1972	Flows, J, E	P	Perforated from 1,567 to 1,717 ft. Temp. 98°F. Observation well. <u>3</u> <u>4</u>
* 703	Ernest Seiffert	do	1969	2,183	7	2,183	Eqc	301	--	--	Flows	D, S Irr	Slotted from 1,948 to 2,183 ft. Cemented from 1,945 ft to surface. Reported flow of 125 gpm in 1969. Temp. 104°F. <u>4</u>
* 901	Cambell and Harrison	--	1906	2,000	8	--	Eqc	249	--	--	Flows	S	Well 297 in Water-Supply Paper 676. Reported flow of 75 gpm in 1929. Temp. 81°F. <u>4</u>
14-101	J. D. Harrison	--	--	1,200	6	--	Eqc	328	--	--	Flows	S	Well 302 in Water-Supply Paper 676. Reported flow of 10 gpm in 1944. Temp. 92°F. <u>4</u>
* 103	Joe K. Williams	McKinley Drilling Co.	1965	3,053	12 8	325 3,047	Ec	269	+104 + 70.30	Apr. 1, 1965 Apr. 12, 1972	Flows, T, C 90	Irr	Slotted from 2,753 to 3,047 ft. Open hole from 3,047 to 3,053 ft. Cemented from 2,700 ft to surface. Reported flow of 1,187 gpm in 1969. Temp. 100°F. Observation well. <u>3</u> <u>4</u>
* 201	E. A. Kinzel	--	--	3,300	10	3,300	Ec	335	--	--	Flows, T, G 60	Irr	Reported flow of 60 gpm in 1969. Temp. 110°F. <u>4</u>
* 203	do	--	1937	1,300	4	--	Eqc	350	+ 1.00 .60	May 16, 1944 Apr. 11, 1972	C, W	S	Well 106 in Water-Supply Paper 1079-C. Temp. 85°F. Observation well. <u>3</u>
301	Leroy Alberts	McKinley Drilling Co.	1956	3,455	10 8	300 3,455	Ec	291	--	--	Flows	D, S Irr	Slotted. Reported flow of 800 gpm in 1956. <u>4</u>

See footnotes at end of table.



ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BLOW-LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* AL-78-14-302	Circle C Ranch	--	1969	3,400	12 8	300 3,400	Ec	291	--	--	Flows	D, S Irr	Slotted from 3,100 to 3,400 ft. Cemented from 3,100 ft to surface. Reported flow of 550 gpm. Temp. 100°F.
+ 401	J. D. Harrison	--	--	1,600	4	--	Eqc	340	--	--	Flows	D, S	Well 113 in Water-Supply Paper 1079-C. Reported flow of 40 gpm in 1944. Temp. 102°F. <u>4</u>
* 402	J. S. Abercrombie	--	--	1,698	10	--	Eqc	357	--	--	Flows	S	Well 298 in Water-Supply Paper 676. Drilled to 2,938 ft and plugged back to 1,698 ft. <u>4</u>
+ 701	J. D. Harrison	--	1931	3,600	8	--	Ec	330	40.5	May 25, 1944	Flows	S	Well 114 in Water-Supply Paper 1079-C. Temp. 109°F. <u>4</u>
702	do.	--	1928	1,600	4	--	Es	242	--	--	Flows	S	Well 326 in Water-Supply Paper 676. <u>4</u>
+ 801	Lower Neeces River Water Supply District	Layne Texas Co.	1951	3,992	18 10 8	403 3,486 3,992	Ec	241	+148 +119.9	Apr. June 22, 1965	Flows	P	Drilled to 4,130 ft and plugged back to 3,992 ft. Slotted from 3,480 to 3,560 ft, 3,580 to 3,680 ft, 3,730 to 3,790 ft, and 3,930 to 3,990 ft. Reported flow of 2,900 gpm in 1951. Temp. 138°F. <u>2 3 4</u>
* 802	do	do	1951	3,663	18 10 8	360 3,250 3,663	Ec	233	+184 +133.9	May June 22, 1965	Flows	P	Drilled to 4,130 ft and plugged back to 3,663 ft. Slotted from 3,295 to 3,548 ft and 3,615 to 3,661 ft. Reported flow of 1,750 gpm in 1965. Temp. 100°F. <u>2 3 4</u>
* 15-301	Atlantic Richfield Oil Co.	--	1958	4,800	10 7	1,000 4,010	Ec	475	90 85.66	Apr. 11, 1972	Sub, E 15	Ind	Pump set at 189 ft. Reported yield of 183 gpm. Temp. 150°F. Observation well. <u>3 4</u>
* 504	Gulf Oil Co.	Bay City Drilling Co.	1958	4,326	13 9 7	400 3,550 4,326	Ec	412	21.00 40	Aug. Apr. 1963 1965	T, E 15	Ind	Slotted from 4,020 to 4,326 ft. Pump set at 113 ft. Reported yield of 400 gpm. Temp. 150°F. <u>1 4</u>
+ 505	Lone Star Producing Co.	Gulf Oil Co.	1945	3,850	13 9	1,800 3,850	Ec	398	+ 5.4	Nov. 7, 1969	T, E 20	Ind	Drilled to 10,328 ft and plugged back to 3,850 ft. Slotted from 3,650 to 3,850 ft. Cemented from 3,650 ft to surface. Pump set at 152 ft. Temp. 130°F. <u>4</u>
* 601	George Weigang	J. Shafer	1939	185	5	185	EJ	424	120	1964	C, W	D	Temp. 77°F. <u>4</u>
* 804	Felix Henke	--	--	765	4	765	EJ	450	--	--	C, W	S	Well 109 in Water-Supply Paper 1079-C. <u>4</u>
+ 805	Fashioning Peggy Water Supply Corp.	Layne Texas Co.	1968	4,359	7 4	4,201 4,357	Ec	469	60 105.87	Nov. 13, 1969 Apr. 11, 1972	Sub, E	P	Plug set from 4,357 to 4,359 ft. Slotted from 4,293 to 4,320 ft. Cemented from 4,200 ft to surface. Pump set at 165 ft. Development test: Drawdown of 10 ft while pumping 115 gpm for 30 hours on June 26, 1968. Temp. 140°F. Observation well. <u>1 3</u>
+ 18-201	Leroy Hindea	W. Cook	--	480	5	480	Es	394	+ 0.38 11.66	May 11, 1944 Apr. 10, 1972	J, E	D	Well 287 in Water-Supply Paper 676. Temp. 89°F. Observation well. <u>4</u>
+ 202	Atascosa State Bank	--	1915	350	4	350	Es	398	+ 20 3.7	May 11, 1944	C, W	S	Well 286 in Water-Supply Paper 676.
+ 301	Edgar Linkenbeger	McKinley Drilling Co.	1963	2,400	13 8	400 2,400	Ec	395	20	May 1963	T, G	S, Irr	Slotted from 2,150 to 2,400 ft. Cemented from 2,080 ft to surface. Top of Carrizo Sand 1,885 ft. Reported yield of 1,200 gpm. Development test: Drawdown of 110 ft while pumping 1,421 gpm on May 14, 1963. <u>4</u>

See footnotes at end of table.

ATASCOSA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BLOW-UP	DATE OF MEASUREMENT			
* AL-78-16-601	Edgar Linkenhoger	McKinley Drilling Co.	1964	2,507	12 8	510 2,493	Ec	376	+ 0.5 38.85	Apr. 1964 Apr. 10, 1972	T, C 100	D, S Irr	Slotted from 2,150 to 2,250 ft and 2,310 to 2,493 ft. Cemented from 2,090 ft to surface. Pump set at 120 ft. Reported yield of 1,125 gpm. Development test: Drawdown of 80 ft while pumping 1,965 gpm on Apr. 14, 1963. Temp. 107°F. Observation well. <i>2 3 4</i>
* 602	do.	Johnson Drilling Co.	1965	2,495	16 12 10	600 1,923 2,495	Ec	365	--	--	T, G 150	Irr	Slotted from 2,350 to 2,495 ft. Top of Carrizo Sand 2,350 ft. Reported yield of 1,450 gpm. Temp. 105°F. <i>2 4</i>
* 19-301	S. W. Berry	Favor Drilling Co.	1959	1,560	10 7	-- 1,560	Eqc	414	50	Aug. 1963	Sub, E 25	S	Slotted from 1,260 to 1,560 ft. Reported yield of 260 gpm. Temp. 96°F. <i>4</i>
* 401	Jess McNeal	-- Schrubah	1933	1,012	4	1,012	Eqc	416	13.09 22.20	June 3, 1944 Apr. 29, 1965	Cf, E	S	Well 122 in Water-Supply Paper 1079-C. <i>4</i>
* 20-101	Tom Peeler	J. Hillier	1962	2,794	10 7	400 2,794	Ec	464	70 129.80	1962 Apr. 10, 1972	C, W	S	Slotted from 2,680 to 2,794 ft. Development test: Drawdown of 130 ft while pumping 850 gpm for 12 hours. Observation well. <i>3 4</i>
* 301	Alonzo M. Peeler	do	1964	2,975	10 7	400 2,975	Ec	305	+ 59.40 + 28.21	June 23, 1965 Apr. 10, 1972	Flows, T, C 60	D, S Irr	Slotted from 2,800 to 2,975 ft. Reported flow of 50 gpm in 1965. Reported yield of 842 gpm. Temp. 119°F. Observation well. <i>2 3 4</i>
* 703	Saw Counties	Lawrence and Joe Swierc	1955	2,185	8	2,185	Eqc	309	--	--	Flows	D, S	Temp. 103°F. <i>4</i>
* 22-201	Lower Neuse River Water Supply District	Layne Texas Co.	1951	4,015	18 10 8	361 3,517 4,015	Ec	228	+190 +104.60 +111.57	June 22, 1965 Mar. 16, 1970	Flows	P	Slotted from 3,560 to 3,640 ft, 3,690 to 3,760 ft, 3,790 to 3,830 ft, 3,895 to 3,940 ft, and 3,950 to 4,010 ft. Reported flow of 1,905 gpm in 1965. Temp. 100°F. <i>4</i>
* 202	do.	do	1951	4,132	18 10 8	360 3,425 4,130	Ec	242	+189.10 + 94.50	Feb. 1951 Mar. 8, 1971	Flows	P	Slotted from 3,643 to 3,789 ft, 3,884 to 3,915 ft, 3,930 to 3,950 ft, and 4,020 to 4,128 ft. Reported flow of 1,175 gpm in 1951. Temp. 116°F. Observation well. <i>2 3 4</i>
* 23-101	H. R. Smith	--	--	4,200	8	4,200	Ec	401	35.42	May 22, 1965	T, E 10	D, S	Well 112 in Water-Supply Paper 1079-C. Flooded until 1951. Pump set at 60 ft. Temp. 143°F. <i>4</i>
* 201	H. C. Boening	--	1930	175	5	175	Ej	386	65	Aug. 1964	C, E	D	<i>4</i>
* 204	H. R. Smith	--	--	4,169	8	4,169	Ec	363	--	--	Flows	S	Well 111 in Water-Supply Paper 1079-C. Reported flow of 75 gpm in 1965. Temp. 147°F. <i>4</i>

\* For chemical analyses of water, see Table 4.  
 1) Drillers' log in files of the Texas Water Development Board.  
 2) Mechanical logs in files of the Texas Water Development Board.  
 3) For water-level measurements from observation wells, see Table 3.  
 4) Well also appears in Texas Water Development Board Report 32, "Ground-Water Resources of Atascosa and Frio Counties, Texas," 1966.

# ATASCOSA COUNTY

## Table 2.—Selected Oil, Gas, and Stratigraphic Tests

Type Log: D, Drillers'; E, Electric; R, Radioactive; S, Sample.  
Logs in Texas Water Development Board files

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
AL-68-50-601	Gilcrease Oil Co., George Coates and M. L. Wise	F. T. Henderson No. 1	1955	2,495	662	E
901	J. W. Baton	— Granberg No. 1	1961	2,778	664	E
51-504	Brazos Oil and Gas Co.	Edward Hartung, et al. No. 1	1966	1,577	736	E
902	CAFRE Research Ltd.	Charles Simming Heirs No. 1	1951	2,009	650	E
52-714	Texas Water Development Board	Texas Water Development Board	1970	392	676	D, S
58-301	Ray Clark	F. Z. Jones Trustee No. 1	1948	3,335	656	E
303	Caddo Oil Co. Inc.	— Thompson No. D-7	1963	2,450	651	E
601	Sutton Drilling Co.	T. A. Crawford No. 1	1956	2,501	582	E
806	Shell Oil Co.	Jane Burns No. A-4	1954	3,619	573	E
807	The Texas Co.	Theo Rogers No. A-5	1953	3,584	616	E
808	do.	Jane Burns No. B-4	1954	3,625	580	E
901	Sun Oil Co.	C. D. Johnson No. 1	1954	3,551	555	E
903	The Texas Co.	Theo Rogers No. A-10	1954	3,606	583	E
904	do.	Theo Rogers No. C-2	1954	3,570	573	E
59-101	J. C. McCabe and Pegg Brothers	Nellie Smith No. 1	1948	3,542	595	E
204	do.	Leonor Galindo No. 2	1948	2,341	556	E
210	George Parker	A. N. Langston No. 1	1953	2,310	568	E
305	Frank Frohnhoefer	E. C. Rogers Estate No. 1	1947	2,606	550	E
402	Sullivan and Garrett	Ike Cowley No. 1	1948	2,669	537	E
505	Amerada Petroleum Corp.	— Finch No. 1	1958	2,804	552	E
803	Inca Drilling Co.	T. C. Byrom No. 1	1958	3,661	516	E
60-115	Tenneco Oil Co.	Cleo Rogers No. 1	1966	6,500	570	R
205	Herman Brown, et al.	Mary Stanush No. 1	1949	4,020	542	E
208	H. H. McFarland and I. R. Patton	V. A. Doumch No. 1	1947	3,557	543	E
209	McFarland Drilling Co.	Henrietta Estate No. 1	1956	3,978	580	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Atascosa County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
AL-68-60-306	Eugene W. Gill	Lawrence Katosmorak No. 1	1947	4,166	485	E
61-101	George K. Mery	— Ward No. 1	1959	2,000	493	E
208	Arkansas Fuel Oil Co.	I. A. Jasik No. 1	1947	4,316	518	E
303	Selby-Walker Corp. and McFarland Drilling Co.	L. B. Palmer No. 1	1954	4,444	566	E
411	Wilcox Oil Co.	Isabel Huizar No. 1	1950	5,207	405	E
908	The Texas Co.	Allen Witten No. 1	1965	4,226	422	E
62-804	Barry and Lack	N. S. Richter No. 1	1956	1,300	430	E
78-02-302	Hydro-Carbons Co.	Theo Rogers No. 1	1948	3,210	565	E
506	Diamond Drilling Co.	A. G. Cumpian	1957	3,945	555	E
601	Rodney DeLange, et al.	A. W. Dismuke No. 1	1955	4,172	562	E
605	Lone Star Producing Co.	R. D. Booth No. 4	1955	4,335	504	E
805	F. William Carr and Louis H. Haring, Jr.	Victor W. Marsch No. 1	1951	4,611	568	E
806	F. William Carr	Victor Marsh No. A-1	1955	4,991	581	E
807	do.	— Thompson No. 2	1954	4,933	567	E
906	Humble Oil and Refining Co.	E. J. Pruitt No. D-1	1951	4,983	486	E
909	Carter and Carter	Stanley Brauchle No. 1	1954	4,312	465	E
910	Magnolia Petroleum Co.	L. B. Finch No. 1	1952	5,160	511	E
03-203	Lone Star Producing Co.	Nellie B. Alvarado No. 1	1956	4,292	546	E
204	Glen A. Martin	R. B. Davidson No. 1	1955	4,258	554	E
301	A. J. Kuenstler	R. W. Brite No. 1	1955	4,256	525	E
305	Morgan Minerals	— Walton No. 1	1955	4,304	530	E
309	Lone Star Producing Co.	R. R. Meadows No. 3	1956	4,344	499	E
402	Rodney DeLange	— Wilson No. 3	1955	4,309	547	E
406	O. N. Neatherly, Jr.	J. A. Wilson No. 1	1954	4,352	548	E
410	Rodney DeLange, et al.	J. W. Smelley No. 1	1955	4,311	540	E
411	do.	— Wilson No. 2	1955	4,355	557	E
412	O. N. Neatherly, Jr., et al.	R. D. Booth No. 1	1954	4,070	512	E
413	Rodney DeLange, et al.	J. A. Wilson No. 8	1955	4,300	552	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Atascosa County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
AL-78-03-414	Lone Star Producing Co.	Weir Unit No. 1	1955	4,250	536	E
415	do.	Luke B. Weir No. 6	1955	4,290	546	E
501	Drilling and Exploration Co.	Cyril Dalkowitz, et al. No. 1	1955	4,317	560	E
511	Lone Star Producing Co.	M. Aguilar No. 1	1956	4,310	538	E
512	do.	A. Salazar No. 1	1956	4,375	540	E
513	do.	A. L. Gustomente No. 2	1955	4,400	564	E
514	do.	Charlie Pana No. 1	1956	4,415	554	E
712	Carter and Carter	Dick Prassel No. 1	1954	4,730	525	E
713	Armstrong and Horn, et al.	Dave Guerra No. 1	1954	5,142	513	E
714	Alaska Steamship Co. and Texita Oil Co.	Dick Prassel No. 2	1954	5,094	512	E
715	Armstrong and Horn Drilling Co.	Ernest Guerra No. 1	1953	5,021	518	E
717	do.	Frank Geyer No. 1	1954	5,078	541	E
802	Alaska Steamship Co. and Newman Brothers	J. F. Chupick No. 1	1954	5,264	543	E
806	Humble Oil and Refining Co.	Edward Matocha No. 1	1946	7,249	493	E
04-603	Security Drilling Co.	Fred Frank No. 1	1955	4,667	432	E
609	H. A. Pagenkope and Caleb Adams	Mary Rosa Whitfield No. 1	1961	1,552	428	E
610	do.	— Palmer No. 2	1961	1,558	381	E
611	do.	George and Douglas Weatherston No. 1	1961	1,527	390	E
706	Humble Oil and Refining Co.	Alamo Lumber Co. No. 2	1947	7,400	462	—
707	do.	O. H. Pfeil No. 3	1947	7,407	469	E
708	do.	John Sanders No. 4	1947	7,392	448	E
806	do.	A. N. Moursund No. 1	1946	7,375	425	E
807	do.	Henry Schorsch No. 1	1945	7,405	442	E
816	do.	Henry Schorsch No. 3	1946	7,373	435	E
817	do.	Henry Schorsch No. 7	1948	7,369	421	E
909	do.	H. H. Coward No. 6	1946	7,665	479	E
910	do.	J. A. Walton No. 1	—	—	402	E
911	do.	W. M. Avant No. B-1	1945	7,589	403	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Atascosa County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
AL-78-04-912	Humble Oil and Refining Co.	Ford and Hock, et al. No. 1	1944	7,635	451	E
913	do.	Coward and Lutgen No. 1	1944	1,843	465	E
914	do.	W. M. Avant No. 1	1945	7,591	404	E
915	R. A. R. Special and Tom Crews	S. P. Finch No. 3	1955	1,589	403	E
05-213	Davidor and Davidor, Inc.	Guy S. Combs, Jr. No. 1	1966	6,823	354	E
303	Jergins of Texas Ltd.	L. J. Wiseman No. 1	1955	4,527	405	E
311	Davidor and Davidor, Inc.	— Byrd No. 3	1966	6,853	400	E
401	Continental Oil Co., Taylor and Brown	Nell Sutton No. 1	1955	7,435	418	E
607	Thomas Brothers and M. L. Wise	M. F. Flores No. 1	1954	1,947	315	E
608	J. E. Hillier and M. O. Turner	Stanley Coughran No. 1	1961	5,506	310	E
704	Martin, Shelley and Thomas	Kate Richter No. 1	1951	1,903	425	E
706	Humble Oil and Refining Co.	Duren and Richter No. 5	1944	7,573	383	E
707	Wherry and Green	— Richter No. 1	1952	1,783	421	E
708	Humble Oil and Refining Co.	Ralph Richter No. 1	1943	7,625	435	E
709	H. and J. Drilling Co.	H. H. Coward No. 1	1963	3,940	445	E
710	Humble Oil and Refining Co.	Rogerson and Doren No. 1	1946	7,565	378	E
711	do.	Duren and Richter No. 4	1944	7,603	408	E
714	do.	Coward and Klein No. 1	1946	5,315	439	E
716	Shell Oil Co.	— Bomba No. 2	1952	1,786	410	E
805	Humble Oil and Refining Co.	Joseph Courand No. B-1	1946	7,738	402	E
806	Thomas Brothers and Forney and Winn	C. T. Troell No. 3	1953	1,859	398	E
808	Sid Katz, et al.	C. T. Troell No. 6	1953	1,931	444	E
809	Humble Oil and Refining Co.	R. D. Quillian No. 1	1944	7,671	410	E
810	Magnolia Petroleum Co.	J. A. Courand No. 10	1954	1,853	390	E
901	Robert Mosbacher and W. T. Mendell	Butts and Sawyer No. 1	1956	7,489	410	E
903	Willard Shuart	C. A. Thorp No. 1	1958	2,200	389	E
904	Frio Producing Co.	C. S. Slayton No. 1	1963	2,207	326	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Atascosa County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
AL-78-05-905	Sid Katz	Claudia Krueger No. 1	1952	2,079	345	E
06-101	Shell Oil Co.	D. D. Heinen No. 1	1959	5,507	366	E
506	Lone Star Producing Co.	Sarah E. Ferry No. 2	1951	8,216	355	E
604	Farenthold and Pitcarin and Minton	— Harris No. 1	1956	5,364	364	E
605	Rowan and Hope and E. W. Gill	Charles H. Brown No. 1	1952	5,820	303	E
701	Humble Oil and Refining Co.	Nellie Gordon and C. G. Dinsmore No. 1	1947	8,120	305	E
703	Pan Tex Corp.	N. G. Dinsmore No. 1	1951	5,968	348	E
704	Humble Oil and Refining Co.	Nellie Gordon and C. G. Dinsmore No. B-1	1947	8,093	286	E
705	J. R. McDonald	Bob Hinds No. 2 BR	1964	2,096	285	E
706	Humble Oil and Refining Co.	C. P. Korus No. B-2	1949	8,135	305	E
804	Barry and Moore	Sarah Ferry No. 1	1954	2,166	331	E
904	Magnolia Petroleum Co.	E. A. Kinsel No. 1	1946	3,010	315	E
07-702	Monterey Exploration Co.	Guy Smith No. 1	1953	6,064	280	E
703	Newman Brothers, et al.	— Friesenhahn No. 1	1947	5,738	331	E
10-301	The Texas Co.	Sesario Tijerina No. 1	1956	5,082	512	E
306	Magnolia Petroleum Co.	B. K. Nixon No. 11	1957	5,165	483	E
307	Humble Oil and Refining Co.	W. E. Pound No. 2	1946	5,094	446	E
308	Texas Eastern Production Co.	Claude B. Finch No. 1	1966	5,138	498	E
311	Humble Oil and Refining Co.	W. W. Clement No. 1	1946	5,210	452	E
312	do.	A. K. McBride No. 8	1947	5,176	454	E
313	do.	Cesario Zulaica No. 1	1948	5,075	458	E
314	do.	A. M. Lockwood No. 2	1946	6,909	459	E
503	Burleson and Biggers	Marrs McLean No. A-1	1945	5,009	509	E
504	Humble Oil and Refining Co.	B. K. Nixon No. B-3	1948	5,195	480	E
604	Arnold Oil Well Service	M. M. Davis No. 1	1955	5,449	428	E
609	Humble Oil and Refining Co.	M. M. Davis No. B-1	1947	5,212	453	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Atascosa County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
AL-78-10-610	Kirkwood and Morgan Inc.	Marrs McLean No. 4	1949	5,259	482	E
613	The Texas Co.	State National Bank of Corpus Christi No. 1	1947	5,143	452	E
614	Humble Oil and Refining Co.	— Rivas No. B-1	1948	5,163	452	E
616	Kirkwood and Morgan Inc.	Marrs McLean No. 2	1947	5,502	474	E
901	Milam Drilling Co.	Milton Davis No. 4	1951	6,002	502	E
11-102	Armstrong and Horn and M. E. Andrews	G. L. Tullos No. 1	1954	5,282	528	E
107	Third M. E. Andrews, Ltd.	W. E. Holbrecht No. 1	1956	5,330	520	E
109	Humble Oil and Refining Co.	E. J. Pruitt No. 11	1946	7,108	517	E
112	do.	A. K. McBride No. 5	1946	5,106	443	E
113	do.	J. T. Eppright No. 1	1947	7,000	532	E
114	do.	W. R. Johnson No. 2	1947	5,215	464	E
115	The Bering Co.	J. J. Koemet No. 4	1947	5,192	459	E
116	Humble Oil and Refining Co.	Hugh Favor No. 1	1947	5,305	533	E
117	do.	E. M. Chylek No. 2	1947	5,215	466	E
118	do.	M. M. Davis No. 2	1948	5,200	436	E
120	The Texas Co.	E. D. Scott No. 1	1946	5,404	508	E
123	Humble Oil and Refining Co.	Earl D. Scott No. 1 Unit A	1947	5,250	535	E
209	R. L. Lynd	— Raussean No. 2	1952	4,549	508	E
210	Humble Oil and Refining Co.	M. M. Davis No. E-1	1947	5,315	548	E
211	do.	Emilia Lujan No. C-4	1948	5,300	542	E
212	do.	Emilia Lujan No. C-2	1947	5,276	528	E
214	do.	Emilia Lujan No. C-5	1950	5,306	550	E
216	do.	J. B. Henry No. 2	1947	5,268	509	E
304	do.	S.P.J.S.T. Lodge No. 1	1947	7,390	453	E
306	Magnolia Petroleum Co.	J. C. Wallace No. 1	1949	7,411	453	E
307	do.	Claire Pearlstone No. 1	1947	7,402	445	E
405	Phillips Petroleum Co.	— Alene No. 6	1948	5,207	443	E
406	Humble Oil and Refining Co.	M. M. Davis No. 4	1948	5,220	442	E



Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Atascosa County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
AL-78-11-407	The Texas Co.	Nellie Chamberlain No. 1	1947	5,215	461	E
601	E. V. McCright	G. A. Schroeder No. 1	1954	2,024	502	E
602	General Crude Oil Co.	Esther H. Klingeman No. 1	1955	6,314	493	E
802	Forney and Winn Co.	Allen Hime No. 1	1952	2,070	419	E
12-102	J. C. Hawkins	P. F. Tudyk No. 3	1947	7,412	472	E
106	Stanolind Oil and Gas Co.	A. W. Schwarz No. 4	1948	7,403	450	E
107	do.	— Kitchens No. 1	1947	7,368	423	E
108	Magnolia Petroleum Co.	Augustin Orta No. 1	1947	7,390	453	E
109	do.	Nixon and Steinie No. 1	1946	7,380	443	E
110	Humble Oil and Refining Co.	John Sandeen No. 1	1946	7,385	442	E
113	Plymouth Oil Co.	E. L. Powell No. 4	1949	7,390	455	E
114	do.	K. T. Darby No. 1	1949	7,411	472	E
115	Curtis R. Inman	— Pluto No. 1	1952	1,571	424	E
206	R.A.R. Special and Tom Crews	J. E. Walton No. 7	1958	3,079	392	E
207	Humble Oil and Refining Co.	Henry Schorsch No. 4	1947	7,367	421	E
208	F. B. Cochran	R. Ermis No. 1	1953	1,708	411	E
303	Wherry and Green	— Terrell No. 5	1952	1,687	406	E
702	Tynan and Yonker	Herbert F. Vandiver No. 1	1953	2,099	470	E
14-104	Tri-Mark and Texita Oil Co.	Joe K. Williams No. 1	1953	2,572	266	E
502	E. W. Gill	D. C. McAda No. 1	1947	5,808	249	E
15-101	Payne and Mead	J. A. Bruner No. 1	1947	5,911	345	E
102	Southern Minerals Corp.	Rosana Campbell No. 1	1947	5,898	303	E
103	Sun Oil Co.	— Lancaster No. 1	1960	6,205	352	E
201	Southern Minerals Corp.	Mattie Corbitt No. 1	1951	6,083	322	E
202	H. R. Smith, et al.	E. F. Jendrusch No. 1	1948	3,356	389	E
203	Carri Oil and Dan Auld	Tom Campbell No. 1	1961	10,322	370	E
503	Gulf Oil Corp.	Emma Tartt No. 1 (SWD)	1961	6,800	404	E
506	Lone Star Producing Co.	L. T. Urbanczyk No. A-1	1956	10,921	399	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Atascosa County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
AL-78-15-507	Lone Star Producing Co.	John L. Tom No. A-3	1957	10,990	404	E
510	do.	— Tom No. 1	1956	10,470	373	E
512	do.	John L. Tom No. A-4	1957	11,050	403	E
604	Caroline Hunt Trust Estate	Felix Frenzel No. 1	1949	4,506	400	E
607	H. R. Smith, et al.	Jessie Henderson No. 3	1947	3,838	477	E
609	Lone Star Producing Co.	H. A. Schuman No. 1	1957	11,065	471	E
610	do.	Otto Lieke No. 1	1958	11,000	449	E
611	do.	H. E. Richter No. 1	1958	10,980	431	E
612	H. R. Smith, et al.	C. M. Kent No. 2	1948	3,858	470	E
616	do.	Gus Stoffe No. 1	1949	3,928	509	E
702	Appell Drilling Co.	Jake Pollok No. 1	1947	3,560	355	E
703	Alaska Steamship Co. and Newman Brothers	Smith and Mowinckle No. 1	1948	3,802	346	E
704	Appell Drilling Co.	Smith and Mowinckle No. 1	1947	3,615	314	E
801	H. R. Smith, et al.	Hurt and Tartt No. 6	1946	3,790	433	E
802	do.	Smith and Mowinckle No. 1	1947	3,856	363	E
803	Appell Drilling Co.	J. L. Tom No. 1	1948	3,974	373	E
808	F. William Carr	Lytle Tom No. 2	1955	4,075	409	E
809	Gulf Oil Corp.	Emma Tartt No. 1	1945	2,033	423	E
901	H. R. Smith and Skinner and Eddy	Hurt and Tartt No. 1	1946	3,928	445	E
903	Appell Drilling Co.	H. R. Keilner No. 1	1947	4,040	420	E
18-603	Zander, Liston and Foster, et al.	Nana O. Newton No. 1	1950	6,435	451	E
19-302	Ray McDonald and H & J Drilling Co.	L. C. Berry No. 2	1957	2,255	371	E
701	Morgan Minerals, et al.	M. T. Flanagan No. 1	1956	6,788	373	E
901	S. F. Hurlburt	H. D. Countiss No. 1-A	1944	5,372	341	E
20-201	Sun Oil Co.	Ruth Hagen Unit No. 1	1959	5,393	388	E
302	Varn Petroleum Co.	Tilton-Peeler No. 1	1966	5,528	316	E
21-101	Sun Oil Co.	A. M. Peeler No. 1	1958	5,532	297	E
102	do.	A. M. Peeler No. 3	1958	4,600	307	E
401	Thomas Drilling Corp.	A. B. Peeler No. B-1	—	6,186	369	E

**Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Atascosa County—Continued**

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
AL-78-21-403	Sun Oil Co.	A. M. Peeler No. C-3	1963	3,268	338	E
701	Engco Oil and Gas Co.	Eva Coe Lewis No. 1	1960	3,311	391	E
22-101	Don B. Megahan	Donna Farms No. 2	1935	4,005	380	D, E
301	Appell Drilling Co.	L. May No. 1	1948	3,605	294	E
302	Newman Brothers, et al.	Ada Tom No. 1	1948	3,851	290	E
303	J. D. Medley and Burt Oil Co.	Phil Tom No. 1	1953	6,606	323	E
601	Appell Drilling Co.	Phillip Tom No. 1	1947	4,019	248	E
602	Calvin Michelson	Minnie Lee Tom No. 2	1963	6,688	250	E
23-104	Southern Minerals Corp.	J. L. Tom No. 1	1946	6,505	279	E
105	Hartmann Drilling Co.	Smith and Mowinckle No. 1	1938	4,622	392	E
205	W. H. Appell	Smith and Mowinckle No. 2	1948	4,112	365	E

# ATASCOSA COUNTY

## Table 3.—Water Levels in Selected Wells

Water-level measurements, in feet, above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well AL-68-50-603</b>		<b>Well AL-68-51-801—Continued</b>		<b>Well AL-68-52-701</b>	
Owner: O. M. Naegelin		June 9, 1955	125.64	Owner: C. R. Owens	
Nov. 19, 1969	89.64	Sept. 21, 1955	125.81	1930	140
Apr. 1, 1970	91.26	Dec. 12, 1955	126.04	Nov. 14, 1960	143.79
Mar. 3, 1971	113.38	Mar. 20, 1956	125.97	Jan. 30, 1961	144.08
Mar. 20, 1972	97.50	June 21, 1956	125.82	Feb. 16, 1962	144.90
<b>Well AL-68-51-602</b>		Sept. 12, 1956	126.11	Dec. 20, 1962	146.66
Owner: Frank Maske		Jan. 16, 1957	126.99	Jan. 24, 1964	157.75
Apr. 20, 1965	130.05	Apr. 10, 1957	126.22	Jan. 28, 1965	160.04
Mar. 17, 1966	129.33	July 17, 1957	126.32	Mar. 17, 1966	158.12
Mar. 6, 1967	130.16	Oct. 16, 1957	126.48	Mar. 6, 1967	160.34
Mar. 14, 1968	128.48	Jan. 22, 1958	126.82	Mar. 14, 1968	167.72
Feb. 5, 1969	127.76	Apr. 23, 1958	126.19	<b>Well AL-68-52-705</b>	
Dec. 11, 1969	128.25	July 18, 1958	126.70	Owner: C. R. Owens	
Mar. 10, 1970	126.70	Oct. 16, 1958	126.56	1930	140
Mar. 4, 1971	128.13	Feb. 4, 1959	126.34	May 31, 1944	138.86
Apr. 7, 1972	130.70	May 19, 1959	126.84	June 27, 1951	140.47
<b>Well AL-68-51-701</b>		Aug. 12, 1959	126.67	Sept. 26, 1951	141.68
Owner: Jerald Lyda		Nov. 24, 1959	126.67	Feb. 28, 1952	139.53
Apr. 1, 1970	58.93	Feb. 22, 1960	126.38	June 24, 1952	141.76
Mar. 3, 1971	60.30	May 11, 1960	126.47	Sept. 25, 1952	143.13
Mar. 20, 1972	58.94	Aug. 10, 1960	126.55	Apr. 22, 1953	142.46
<b>Well AL-68-51-801</b>		Nov. 14, 1960	125.84	July 22, 1953	143.91
Owner: W. J. Adcock		Jan. 30, 1961	125.86	Nov. 12, 1953	145.09
June 27, 1951	125.79	Feb. 15, 1961	125.81	Feb. 18, 1954	144.03
Sept. 26, 1951	126.52	May 18, 1961	125.90	June 9, 1954	144.41
Feb. 28, 1952	125.46	Dec. 19, 1962	124.83	Sept. 14, 1954	144.61
June 24, 1952	125.60	Jan. 24, 1964	124.55	Mar. 15, 1955	144.16
Sept. 24, 1952	125.76	Jan. 28, 1965	124.68	Sept. 21, 1955	151.28
July 24, 1953	126.49	Mar. 17, 1966	124.10	Dec. 12, 1955	147.67
Nov. 12, 1953	125.73	Mar. 6, 1967	124.31	Mar. 20, 1956	150.36
Feb. 18, 1954	125.61	Mar. 14, 1968	123.37	June 21, 1956	150.10
Sept. 14, 1954	125.67	Feb. 5, 1969	123.00	Sept. 12, 1956	151.49
Mar. 15, 1955	125.28	Dec. 11, 1969	125.16	Jan. 16, 1957	150.24
		Mar. 11, 1970	122.57	Apr. 10, 1957	150.23
		Mar. 3, 1971	122.74	July 17, 1957	152.18
		Mar. 20, 1972	121.69		

**Table 3.—Water Levels in Selected Wells in Atascosa County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well AL-68-52-705—Continued</b>		<b>Well AL-68-52-705—Continued</b>		<b>Well AL-68-52-718—Continued</b>	
Oct. 16, 1957	151.51	Jan. 23, 1969	155.82	Apr. 19, 1971	178.39
Jan. 22, 1958	151.21	Feb. 5, 1969	160.99	May 24, 1971	179.36
Apr. 23, 1958	150.11	Mar. 25, 1969	149.93	June 15, 1971	179.45
July 17, 1958	149.43	May 12, 1969	147.37	July 19, 1971	175.40
Oct. 16, 1958	148.82	<b>Well AL-68-52-713</b>		Aug. 23, 1971	179.30
Feb. 5, 1959	149.15	Owner: J. D. Harrison		Sept. 28, 1971	179.16
May 19, 1959	147.14	Feb. 26, 1971	154.76	Oct. 14, 1971	179.14
Aug. 12, 1959	145.81	Mar. 27, 1971	155.90	Nov. 22, 1971	179.00
Nov. 23, 1959	143.00	Apr. 19, 1971	155.02	Dec. 16, 1971	179.26
Feb. 22, 1960	144.06	May 24, 1971	155.33	Jan. 17, 1972	183.20
May 12, 1960	144.57	June 15, 1971	158.45	Feb. 24, 1972	179.28
Aug. 10, 1960	145.79	July 19, 1971	161.65	<b>Well AL-68-58-204</b>	
Nov. 14, 1960	144.16	Aug. 23, 1971	156.65	Owner: George Thompson	
Feb. 15, 1961	143.92	Sept. 28, 1971	160.32	Mar. 9, 1971	140.11
May 18, 1961	145.81	Oct. 14, 1971	161.47	Mar. 23, 1971	140.32
July 21, 1965	160.63	Nov. 22, 1971	162.68	Mar. 29, 1971	140.74
Sept. 21, 1965	159.67	Dec. 16, 1971	161.52	Apr. 5, 1971	142.68
Nov. 23, 1965	159.95	Jan. 18, 1972	163.42	Apr. 19, 1971	142.85
Jan. 27, 1966	159.48	Feb. 24, 1972	164.33	Apr. 27, 1971	144.64
Mar. 17, 1966	158.52	Mar. 24, 1972	165.20	May 3, 1971	140.88
Mar. 30, 1966	160.16	<b>Well AL-68-52-718</b>		May 10, 1971	144.03
May 26, 1966	166.55	Owner: Ed Auge		May 17, 1971	141.03
July 25, 1966	162.04	Dec. 16, 1969	176.97	May 24, 1971	147.27
Sept. 19, 1966	159.76	Jan. 22, 1970	176.90	May 28, 1971	141.48
Nov. 14, 1966	160.37	Feb. 18, 1970	176.76	June 4, 1971	143.96
Jan. 23, 1967	157.45	Mar. 23, 1970	177.03	June 11, 1971	143.96
Mar. 6, 1967	159.36	Apr. 22, 1970	176.95	June 18, 1971	141.31
May 22, 1967	158.42	May 18, 1970	176.98	June 25, 1971	147.35
July 17, 1967	158.40	June 22, 1970	178.63	July 2, 1971	141.85
Sept. 26, 1967	166.6	July 20, 1970	177.17	July 9, 1971	142.10
Nov. 13, 1967	158.54	Aug. 19, 1970	177.38	July 16, 1971	142.45
Jan. 28, 1968	154.40	Sept. 21, 1970	177.43	July 23, 1971	148.22
Mar. 14, 1968	158.90	Oct. 19, 1970	177.61	July 30, 1971	147.24
May 20, 1968	154.48	Nov. 16, 1970	177.82	Aug. 6, 1971	142.48
July 8, 1968	153.75	Dec. 21, 1970	177.50	Aug. 13, 1971	142.35
Sept. 21, 1968	152.81	Feb. 26, 1971	178.46	Aug. 20, 1971	144.72
Nov. 19, 1968	157.13	Mar. 23, 1971	178.47	Aug. 27, 1971	142.55
Dec. 18, 1968	164.57				

**Table 3.—Water Levels in Selected Wells in Atascosa County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well AL-68-58-204—Continued</b>		<b>Well AL-68-58-302—Continued</b>		<b>Well AL-68-58-302—Continued</b>	
Sept. 3, 1971	145.35	Apr. 5, 1971	152.17	Jan. 7, 1972	149.03
Sept. 10, 1971	142.47	Apr. 19, 1971	152.40	Jan. 14, 1972	149.02
Sept. 17, 1971	142.78	Apr. 27, 1971	148.34	Jan. 21, 1972	149.00
Sept. 29, 1971	142.66	May 3, 1971	148.86	Jan. 28, 1972	148.95
Oct. 8, 1971	142.67	May 10, 1971	149.08	Feb. 4, 1972	149.16
Oct. 15, 1971	146.84	May 17, 1971	148.73	Feb. 11, 1972	148.87
Oct. 29, 1971	148.85	May 24, 1971	152.40	Feb. 18, 1972	148.89
Nov. 5, 1971	142.83	May 28, 1971	150.66	Feb. 25, 1972	148.64
Nov. 12, 1971	148.20	June 4, 1971	155.83	Mar. 6, 1972	149.11
Nov. 19, 1971	143.23	June 11, 1971	155.94	Mar. 10, 1972	149.22
Nov. 26, 1971	146.89	June 18, 1971	150.58	Mar. 17, 1972	148.98
Dec. 3, 1971	146.10	June 25, 1971	150.52	Mar. 24, 1972	154.31
Dec. 10, 1971	143.05	July 2, 1971	150.16	Mar. 31, 1972	151.24
Dec. 17, 1971	143.82	July 9, 1971	155.48	Apr. 7, 1972	150.02
Dec. 22, 1971	143.24	July 16, 1971	150.95	Apr. 14, 1972	149.97
Dec. 31, 1971	140.80	July 23, 1971	156.84	Apr. 24, 1972	150.83
Jan. 7, 1972	143.22	July 30, 1971	155.94	Apr. 28, 1972	150.57
Jan. 14, 1972	143.46	Aug. 6, 1971	150.75	May 5, 1972	150.74
Jan. 21, 1972	145.53	Aug. 13, 1971	149.94	May 12, 1972	150.10
Jan. 28, 1972	143.25	Aug. 20, 1971	150.06	May 19, 1972	152.14
Feb. 4, 1972	143.52	Aug. 27, 1971	149.84	May 26, 1972	150.06
Feb. 11, 1972	143.46	Sept. 3, 1971	149.74	June 2, 1972	149.98
Feb. 18, 1972	143.47	Sept. 10, 1971	149.72	June 9, 1972	152.39
Feb. 25, 1972	143.20	Sept. 17, 1971	149.87	June 16, 1972	150.44
Mar. 10, 1972	143.43	Sept. 29, 1971	149.59	June 23, 1972	150.53
Mar. 17, 1972	142.96	Oct. 8, 1971	149.44	June 30, 1972	155.34
Mar. 24, 1972	145.66	Oct. 15, 1971	149.28		
Mar. 31, 1972	146.89	Oct. 22, 1971	149.40	<b>Well AL-68-58-602</b>	
Apr. 7, 1972	147.67	Oct. 29, 1971	149.31	Owner: Howard Hicks	
Apr. 14, 1972	146.14	Nov. 5, 1971	149.20	Oct. 13, 1969	82.36
Apr. 24, 1972	144.29	Nov. 12, 1971	149.29	Mar. 13, 1970	69.71
Apr. 28, 1972	147.45	Nov. 19, 1971	149.20	Mar. 3, 1971	85.29
		Nov. 26, 1971	149.00	Apr. 7, 1972	89.47
<b>Well AL-68-58-302</b>		Dec. 3, 1971	149.18		
Owner: George Thompson		Dec. 10, 1971	148.95	<b>Well AL-68-59-303</b>	
Mar. 10, 1971	140.50	Dec. 17, 1971	149.16	Owner: Millard Eichman	
Mar. 23, 1971	147.55	Dec. 22, 1971	149.16	Mar. 23, 1965	99.84
Mar. 29, 1971	149.20	Dec. 31, 1971	148.58	Mar. 17, 1966	97.04
				Mar. 6, 1967	99.44

**Table 3.—Water Levels in Selected Wells in Atascosa County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well AL-68-59-303—Continued</b>		<b>Well AL-68-59-802—Continued</b>		<b>Well AL-68-60-401—Continued</b>	
Mar. 14, 1968	107.79	Apr. 17, 1946	+ 0.1	Apr. 17, 1946	44.50
Feb. 5, 1969	100.20	Apr. 16, 1965	46.95	Sept. 27, 1948	46.94
Mar. 11, 1970	109.00	Mar. 17, 1966	50.16	July 19, 1949	46.06
Mar. 3, 1971	110.61	Mar. 6, 1967	56.45	July 12, 1950	47.03
Mar. 20, 1972	112.30	Mar. 13, 1968	60.33	July 9, 1951	49.35
		Feb. 4, 1969	58.15	July 21, 1952	50.89
<b>Well AL-68-59-501</b>		<b>Well AL-68-59-804</b>		July 15, 1953	54.17
Owner: H. E. Whittet		Owner: Adolph Cumpian		Sept. 23, 1954	57.84
Nov. 14, 1960	57.01	Apr. 16, 1965	50.70	Jan. 14, 1955	55.25
Jan. 30, 1961	56.91	Sept. 25, 1969	89.20	Jan. 10, 1956	59.20
Feb. 16, 1962	57.77	Mar. 11, 1970	60.43	Jan. 15, 1957	64.70
Dec. 19, 1962	61.82	Mar. 3, 1971	83.51	Jan. 14, 1958	61.66
Jan. 24, 1964	54.77	Apr. 7, 1972	85.87	Nov. 14, 1960	63.41
Jan. 28, 1965	68.91			Jan. 30, 1961	61.55
Mar. 17, 1966	69.26	<b>Well AL-68-60-303</b>		Dec. 20, 1962	71.64
Mar. 6, 1967	71.64	Owner: R. L. Bruce		Nov. 12, 1963	81.96
Mar. 14, 1968	77.13	July 19, 1949	78.21	Jan. 24, 1964	73.43
Feb. 5, 1969	76.80	June 28, 1951	79.44	Mar. 25, 1964	72.79
Dec. 11, 1969	81.64	July 21, 1952	80.68	May 20, 1964	77.02
Mar. 11, 1970	78.95	Sept. 22, 1954	83.83	July 27, 1964	93.06
Mar. 3, 1971	85.86	Jan. 13, 1955	84.11	Oct. 3, 1964	87.48
Mar. 20, 1972	88.69	Jan. 9, 1956	85.84	Nov. 16, 1964	81.59
		Jan. 15, 1957	88.62	Jan. 28, 1965	83.58
<b>Well AL-68-59-621</b>		Jan. 15, 1958	89.56	Mar. 27, 1965	75.21
Owner: Kenneth Hoffman		Mar. 24, 1965	99.20	May 13, 1965	76.36
Apr. 14, 1965	41.16	Mar. 14, 1966	95.30	July 21, 1965	96.83
Mar. 17, 1966	41.65	Mar. 6, 1967	105.30	Sept. 21, 1965	99.48
Mar. 24, 1966	41.80	Mar. 13, 1968	106.12	Nov. 22, 1965	82.19
Mar. 6, 1967	41.94	Feb. 6, 1969	106.75	Jan. 27, 1966	77.45
Mar. 14, 1968	44.16	Dec. 11, 1969	109.48	Mar. 17, 1966	76.09
Feb. 5, 1969	43.22	Mar. 11, 1970	108.40	Mar. 24, 1966	77.90
Dec. 11, 1969	46.48	Mar. 15, 1971	112.36	Mar. 30, 1966	77.43
Mar. 11, 1970	43.81	Apr. 13, 1972	117.69	May 26, 1966	77.11
Mar. 4, 1971	48.33			Sept. 19, 1966	89.13
Apr. 7, 1972	49.25	<b>Well AL-68-60-401</b>		Nov. 14, 1966	87.71
		Owner: Erwin Preston		Jan. 23, 1967	84.65
<b>Well AL-68-59-802</b>		1929	32	Mar. 6, 1967	88.60
Owner: J. Cumpian		June 1, 1944	42.85	May 22, 1967	108.20
1929	+ 18.0	Aug. 7, 1945	45.31		
May 23, 1944	+ 2.0				

**Table 3.--Water Levels in Selected Wells in Atascosa County--Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well AL-68-60-401--Continued</b>		<b>Well AL-68-60-401--Continued</b>		<b>Well AL-68-60-502--Continued</b>	
Sept. 26, 1967	102.77	Nov. 22, 1971	98.17	June 3, 1952	79.79
Oct. 27, 1967	96.28	Dec. 16, 1971	95.30	Aug. 25, 1952	85.30
Nov. 13, 1967	103.68	Jan. 17, 1972	98.94	Sept. 26, 1952	82.36
Nov. 14, 1967	93.17	Feb. 24, 1972	91.87	Oct. 24, 1952	84.42
Dec. 14, 1967	94.90	Mar. 24, 1972	105.79	Nov. 23, 1952	81.95
Jan. 23, 1968	86.35			Dec. 21, 1952	79.07
Jan. 28, 1968	87.30	<b>Well AL-68-60-502</b>		Jan. 23, 1953	78.82
Feb. 26, 1968	84.68	Owner: E. T. Page		Mar. 23, 1953	79.39
Mar. 14, 1968	86.72	Sept. 28, 1948	76.67	Apr. 21, 1953	82.14
Apr. 16, 1968	83.35	Feb. 14, 1949	74.14	May 24, 1953	80.94
May 20, 1968	81.63	May 16, 1949	74.80	June 23, 1953	87.39
July 8, 1968	90.01	July 19, 1949	75.56	July 22, 1953	86.49
Sept. 21, 1968	92.16	Oct. 6, 1949	77.00	Aug. 25, 1953	85.35
Oct. 15, 1968	89.49	Nov. 3, 1949	75.54	Sept. 24, 1953	82.72
Nov. 19, 1968	88.47	Dec. 8, 1949	75.09	Oct. 26, 1953	83.48
Dec. 18, 1968	85.08	Jan. 30, 1950	74.69	Nov. 23, 1953	82.73
Jan. 23, 1969	89.69	Mar. 9, 1950	74.80	Dec. 19, 1953	80.86
Mar. 25, 1969	88.62	Apr. 3, 1950	76.15	Feb. 18, 1954	81.19
July 22, 1969	89.67	June 7, 1950	74.59	May 25, 1954	85.37
Sept. 25, 1969	100.85	July 7, 1950	77.55	Sept. 24, 1954	91.27
Oct. 20, 1969	94.81	July 11, 1950	77.64	Oct. 24, 1954	88.66
Nov. 18, 1969	91.44	Aug. 3, 1950	78.10	Nov. 23, 1954	88.38
Dec. 15, 1969	88.89	Sept. 11, 1950	78.12	Jan. 14, 1955	87.59
Jan. 22, 1970	86.27	Oct. 9, 1950	78.75	Feb. 24, 1955	84.77
Feb. 18, 1970	85.19	Nov. 10, 1950	79.49	Mar. 23, 1955	86.94
Mar. 23, 1970	83.80	Dec. 6, 1950	78.73	Apr. 24, 1955	92.72
Apr. 22, 1970	86.82	Jan. 15, 1951	78.35	May 23, 1955	88.95
May 18, 1970	88.75	Feb. 8, 1951	78.15	June 23, 1955	92.62
June 22, 1970	93.24	Mar. 8, 1951	77.80	July 23, 1955	95.33
July 20, 1970	102.51	May 8, 1951	79.27	Aug. 24, 1955	94.94
Oct. 19, 1970	104.00	June 8, 1951	76.69	Sept. 22, 1955	93.18
Nov. 16, 1970	96.18	July 16, 1951	79.27	Oct. 24, 1955	94.74
Dec. 21, 1970	94.28	Aug. 13, 1951	81.85	Dec. 19, 1955	90.83
Feb. 26, 1971	98.47	Aug. 31, 1951	82.04	Jan. 21, 1956	93.52
Apr. 19, 1971	107.31	Nov. 3, 1951	77.85	Apr. 24, 1956	100.12
July 20, 1971	113.67	Dec. 29, 1951	78.25	May 23, 1956	99.34
Sept. 28, 1971	103.70	Feb. 28, 1952	78.69	June 23, 1956	100.45
Oct. 14, 1971	102.25	Apr. 25, 1952	78.53	July 23, 1956	112.50



Table 3.—Water Levels in Selected Wells in Atascosa County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well AL-68-60-502—Continued		Well AL-68-60-502—Continued		Well AL-68-60-502—Continued	
Aug. 23, 1956	114.75	Oct. 26, 1959	98.07	Jan. 27, 1966	107.86
Sept. 23, 1956	109.32	Nov. 23, 1959	94.81	Mar. 14, 1966	112.34
Oct. 24, 1956	110.16	Dec. 21, 1959	93.48	Mar. 30, 1966	117.45
Nov. 22, 1956	104.40	Jan. 25, 1960	92.75	May 26, 1966	108.54
Dec. 19, 1956	102.02	Feb. 22, 1960	92.41	July 25, 1966	124.85
Jan. 15, 1957	96.95	Mar. 24, 1960	92.91	Sept. 19, 1966	121.38
Feb. 15, 1957	97.63	Apr. 26, 1960	94.34	Nov. 14, 1966	119.43
Mar. 25, 1957	95.82	May 25, 1960	94.38	Jan. 23, 1967	116.73
Apr. 23, 1957	94.66	June 27, 1960	103.76	Mar. 6, 1967	121.60
May 27, 1957	92.13	July 26, 1960	99.31	May 22, 1967	144.18
June 24, 1957	93.00	Aug. 26, 1960	98.46	July 17, 1967	167.10
July 23, 1957	107.17	Nov. 14, 1960	94.71	Nov. 13, 1967	142.04
Aug. 27, 1957	108.73	Jan. 30, 1961	95.14	Dec. 13, 1967	120.45
Sept. 29, 1957	105.30	Apr. 5, 1961	96.75	Jan. 23, 1968	116.65
Oct. 28, 1957	98.77	May 25, 1961	104.08	Jan. 28, 1968	114.70
Nov. 29, 1957	94.56	Feb. 15, 1962	97.89	Feb. 26, 1968	114.58
Dec. 29, 1957	93.40	May 21, 1962	102.60	Mar. 14, 1968	113.67
Jan. 15, 1958	92.53	July 25, 1962	116.86	Apr. 16, 1968	112.66
Feb. 25, 1958	91.24	Sept. 17, 1962	109.95	May 20, 1968	120.80
Mar. 25, 1958	91.01	Nov. 25, 1962	108.36	June 12, 1968	115.52
Apr. 27, 1958	90.71	Dec. 20, 1962	108.90	July 8, 1968	117.38
May 26, 1958	91.46	Feb. 15, 1963	104.46	July 13, 1968	117.38
June 25, 1958	98.12	Apr. 4, 1963	107.17	Sept. 21, 1968	118.17
July 28, 1958	102.76	May 28, 1963	107.85	Oct. 15, 1968	119.69
Aug. 26, 1958	105.11	Aug. 5, 1963	129.41	Nov. 19, 1968	119.03
Sept. 25, 1958	98.24	Nov. 12, 1963	115.56	Dec. 17, 1968	114.98
Oct. 27, 1958	95.75	Jan. 24, 1964	105.18	Jan. 23, 1969	120.57
Nov. 24, 1958	93.17	Mar. 25, 1964	102.36	Mar. 25, 1969	118.01
Dec. 21, 1958	92.01	May 20, 1964	110.36	May 12, 1969	115.34
Jan. 22, 1959	92.17	July 27, 1964	128.23	July 22, 1969	152.23
Feb. 23, 1959	91.01	Oct. 3, 1964	133.66	Sept. 24, 1969	152.36
Mar. 25, 1959	92.49	Nov. 16, 1964	135.10	Oct. 20, 1969	125.41
Apr. 26, 1959	92.88	Jan. 28, 1965	115.63	Nov. 18, 1969	121.62
May 26, 1959	92.41	Mar. 27, 1965	107.01	Dec. 15, 1969	118.94
June 23, 1959	102.00	May 13, 1965	107.62	Jan. 22, 1970	118.50
July 26, 1959	101.04	July 26, 1965	134.98	Feb. 18, 1970	114.59
Aug. 26, 1959	102.47	Sept. 20, 1965	132.52	Mar. 23, 1970	112.96
Sept. 24, 1959	104.98	Nov. 22, 1965	129.34	Apr. 22, 1970	114.13

**Table 3.—Water Levels in Selected Wells in Atascosa County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well AL-68-60-502—Continued</b>		<b>Well AL-68-61-209—Continued</b>		<b>Well AL-68-61-209—Continued</b>	
May 18, 1970	116.37	July 21, 1965	150.90	Jan. 22, 1970	114.15
June 22, 1970	123.40	Sept. 20, 1965	148.68	Feb. 18, 1970	113.19
July 20, 1970	145.05	Nov. 23, 1965	110.32	Mar. 23, 1970	114.00
Aug. 19, 1970	144.90	Jan. 27, 1966	107.14	Apr. 22, 1970	112.17
Sept. 21, 1970	147.55	Mar. 14, 1966	105.94	May 18, 1970	116.94
Oct. 19, 1970	144.87	Mar. 30, 1966	106.00	June 22, 1970	127.70
Nov. 16, 1970	135.62	May 26, 1966	126.90	July 20, 1970	126.46
Dec. 21, 1970	131.62	July 25, 1966	126.92	Aug. 21, 1970	125.24
Jan. 18, 1971	134.70	Sept. 19, 1966	115.77	Sept. 21, 1970	125.28
Feb. 26, 1971	134.29	Nov. 14, 1966	115.11	Oct. 19, 1970	118.96
Mar. 23, 1971	151.30	Jan. 23, 1967	112.55	Nov. 16, 1970	122.68
Apr. 19, 1971	141.25	Mar. 6, 1967	121.24	Dec. 21, 1970	120.82
May 24, 1971	150.47	May 22, 1967	132.02	Jan. 18, 1971	135.52
June 15, 1971	171.72	July 17, 1967	155.73	Feb. 26, 1971	133.20
Aug. 23, 1971	148.68	Sept. 26, 1967	128.88	Mar. 23, 1971	149.35
Sept. 27, 1971	139.24	Oct. 27, 1967	123.04	Apr. 19, 1971	136.48
Oct. 14, 1971	141.85	Nov. 13, 1967	120.01	May 24, 1971	146.01
Nov. 22, 1971	132.87	Nov. 14, 1967	132.62	June 15, 1971	175.60
Dec. 16, 1971	128.74	Dec. 13, 1967	117.54	July 19, 1971	173.38
Jan. 17, 1972	130.13	Jan. 23, 1968	115.20	Aug. 23, 1971	137.39
Feb. 24, 1972	124.56	Jan. 28, 1968	115.98	Sept. 27, 1971	132.07
Mar. 23, 1972	129.14	Feb. 26, 1968	113.99	Oct. 14, 1971	128.72
		Mar. 18, 1968	113.06	Nov. 22, 1971	125.40
		Apr. 16, 1968	112.59	Dec. 16, 1971	128.91
		May 20, 1968	117.24	Jan. 17, 1972	123.62
		June 12, 1968	134.77	Feb. 24, 1972	120.17
		July 8, 1968	116.36	Mar. 23, 1972	123.75
		Aug. 13, 1968	127.54		
		Sept. 16, 1968	115.43	<b>Well AL-68-61-401</b>	
		Oct. 15, 1968	129.85	Owner: Mrs. Oscar Persyn	
		Nov. 18, 1968	116.10	Sept. 27, 1960	32.10
		Dec. 17, 1968	113.71	Jan. 25, 1961	24.14
		Jan. 22, 1969	115.11	Feb. 15, 1962	29.54
		Mar. 25, 1969	115.31	Dec. 20, 1962	35.99
		July 22, 1969	119.12	Jan. 24, 1964	37.57
		Sept. 24, 1969	123.22	Jan. 28, 1965	44.91
		Oct. 20, 1969	119.44	Mar. 14, 1966	39.25
		Nov. 18, 1969	117.41	Mar. 6, 1967	54.54
		Dec. 15, 1969	115.60	Mar. 14, 1968	47.30
<b>Well AL-68-60-913</b>					
Owner: I. Rakowitz					
May 12, 1944	+ 5.0				
Apr. 6, 1965	33.62				
Mar. 17, 1966	33.44				
Mar. 6, 1967	49.99				
Mar. 14, 1968	39.90				
Feb. 6, 1969	37.62				
Dec. 12, 1969	47.52				
Mar. 11, 1970	39.44				
Mar. 8, 1971	57.85				
Apr. 13, 1972	63.20				
<b>Well AL-68-61-209</b>					
Owner: Wallace Adamitz					
1955	90				
Apr. 23, 1965	111.75				

Table 3.—Water Levels in Selected Wells in Atascosa County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well AL-68-61-401—Continued</b>		<b>Well AL-68-61-905—Continued</b>		<b>Well AL-78-03-302—Continued</b>	
Feb. 6, 1969	44.92	Feb. 6, 1969	93.06	Nov. 24, 1965	58.67
Mar. 11, 1970	45.44	Mar. 11, 1970	92.23	Mar. 17, 1966	65.40
Apr. 13, 1972	70.16	Mar. 15, 1971	96.50	Mar. 24, 1966	66.24
		Apr. 13, 1972	117.87	Mar. 6, 1967	65.10
<b>Well AL-68-61-501</b>		<b>Well AL-68-62-405</b>		Mar. 13, 1968	75.87
Owner: E. S. Hurd		Owner: Story Farms		Feb. 4, 1969	73.41
1955	40	Apr. 23, 1965	107.84	Dec. 11, 1969	84.27
Apr. 23, 1965	63.40	Mar. 14, 1966	111.98	Mar. 11, 1970	74.50
May 13, 1965	60.66	Apr. 25, 1968	107.95	Mar. 4, 1971	106.38
Mar. 14, 1966	60.53	Feb. 6, 1969	106.58	Apr. 7, 1972	102.76
Mar. 6, 1967	73.23	Mar. 11, 1970	105.60	<b>Well AL-78-03-509</b>	
Mar. 14, 1968	68.44	Mar. 15, 1971	123.00	Owner: Alvin Voss	
Feb. 5, 1969	66.75	Apr. 13, 1972	128.80	Dec. 16, 1969	188.61
Mar. 11, 1970	62.15	<b>Well AL-78-02-303</b>		Mar. 13, 1970	176.56
Mar. 15, 1971	66.11	Owner: Tony Nixon Estate		Mar. 4, 1971	217.65
Apr. 13, 1972	73.61	Apr. 21, 1965	148.60	Apr. 7, 1972	210.41
<b>Well AL-68-61-602</b>		Mar. 17, 1966	131.08	<b>Well AL-78-03-601</b>	
Owner: Steve Ridgeway		Mar. 13, 1968	149.25	Owner: Edgar Mueller	
Feb. 15, 1965	75	Feb. 4, 1969	154.49	(Recorder well; recorder installed April 18, 1966)	
May 13, 1965	78.81	Mar. 13, 1970	156.84	Apr. 19, 1956	96
Mar. 14, 1966	81.02	Mar. 3, 1971	186.37	May 13, 1965	128.08
Mar. 6, 1967	86.03	Apr. 7, 1972	184.69	July 21, 1965	165.79
Mar. 14, 1968	87.13	<b>Well AL-78-02-604</b>		Sept. 21, 1965	177.84
Mar. 11, 1970	76.92	Owner: Joe Cumpian		Nov. 22, 1965	143.56
Mar. 15, 1971	98.23	Apr. 19, 1956	45	Jan. 27, 1966	129.70
Apr. 13, 1972	103.20	Apr. 16, 1965	103.47	Mar. 17, 1966	126.05
<b>Well AL-68-61-805</b>		Mar. 17, 1966	99.56	Mar. 30, 1966	125.78
Owner: Francisco Paniagua		Mar. 6, 1967	100.42	Apr. 18, 1966	129.95
Sept. 2, 1970	76.50	Apr. 25, 1968	106.61	Apr. 20, 1966	129.46
Mar. 15, 1971	76.90	Feb. 4, 1969	106.67	Apr. 24, 1966	125.75
Apr. 13, 1972	81.26	Mar. 13, 1970	107.63	May 25, 1966	131.80
<b>Well AL-68-61-905</b>		Mar. 4, 1971	128.48	July 25, 1966	155.56
Owner: Ned Royal		Apr. 7, 1972	132.34	July 31, 1966	165.03
Apr. 26, 1965	92.28	<b>Well AL-78-03-302</b>		Aug. 5, 1966	169.07
May 13, 1965	89.31	Owner: — Saylor		Aug. 10, 1966	167.47
Mar. 14, 1966	85.74	Oct. 9, 1963	82	Aug. 15, 1966	164.37
Apr. 24, 1968	92.73	Apr. 14, 1965	59.80	Aug. 20, 1966	165.04

**Table 3.—Water Levels in Selected Wells in Atascosa County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well AL-78-03-601—Continued</b>		<b>Well AL-78-03-601—Continued</b>		<b>Well AL-78-03-601—Continued</b>	
Aug. 25, 1966	163.14	Mar. 5, 1967	150.29	Sept. 15, 1967	198.73
Aug. 31, 1966	163.39	Mar. 10, 1967	151.70	Sept. 20, 1967	189.43
Sept. 5, 1966	161.35	Mar. 15, 1967	155.76	Sept. 25, 1967	183.53
Sept. 10, 1966	160.24	Mar. 20, 1967	156.87	Sept. 30, 1967	178.93
Sept. 15, 1966	155.61	Mar. 25, 1967	156.64	Oct. 5, 1967	175.69
Sept. 20, 1966	153.97	Mar. 31, 1967	155.57	Oct. 10, 1967	172.87
Sept. 25, 1966	152.94	Apr. 5, 1967	161.69	Oct. 15, 1967	170.80
Sept. 30, 1966	152.39	Apr. 10, 1967	165.85	Oct. 20, 1967	168.06
Oct. 5, 1966	150.89	Apr. 15, 1967	159.00	Oct. 25, 1967	165.36
Oct. 10, 1966	147.98	Apr. 20, 1967	164.50	Oct. 31, 1967	163.68
Oct. 15, 1966	146.36	Apr. 25, 1967	166.53	Nov. 5, 1967	162.08
Oct. 20, 1966	146.00	Apr. 30, 1967	168.85	Nov. 10, 1967	160.63
Oct. 25, 1966	145.23	May 5, 1967	175.09	Nov. 15, 1967	158.89
Oct. 31, 1966	143.44	May 10, 1967	178.06	Nov. 20, 1967	157.06
Nov. 5, 1966	142.90	May 15, 1967	185.17	Nov. 25, 1967	155.62
Nov. 10, 1966	142.27	May 20, 1967	189.64	Nov. 30, 1967	154.58
Nov. 15, 1966	142.89	May 25, 1967	188.75	Dec. 5, 1967	153.37
Nov. 20, 1966	143.57	May 31, 1967	193.92	Dec. 10, 1967	152.10
Nov. 25, 1966	145.28	June 5, 1967	199.43	Dec. 15, 1967	151.17
Nov. 30, 1966	145.58	June 10, 1967	202.25	Dec. 20, 1967	149.92
Dec. 5, 1966	144.52	June 15, 1967	206.12	Dec. 25, 1967	149.13
Dec. 10, 1966	144.54	June 20, 1967	209.57	Dec. 31, 1967	148.04
Dec. 15, 1966	149.31	June 25, 1967	213.20	Jan. 5, 1968	147.20
Dec. 20, 1966	149.00	June 30, 1967	214.22	Jan. 10, 1968	146.31
Dec. 25, 1966	146.27	July 5, 1967	215.44	Jan. 15, 1968	145.32
Dec. 31, 1966	143.46	July 10, 1967	219.52	Jan. 20, 1968	144.33
Jan. 5, 1967	142.66	July 15, 1967	222.12	Jan. 25, 1968	143.19
Jan. 10, 1967	143.42	July 20, 1967	217.62	Jan. 31, 1968	142.31
Jan. 15, 1967	143.36	July 25, 1967	208.63	Feb. 5, 1968	141.81
Jan. 20, 1967	143.61	July 31, 1967	215.97	Feb. 10, 1968	140.90
Jan. 25, 1967	143.35	Aug. 5, 1967	214.09	Feb. 15, 1968	140.30
Jan. 31, 1967	145.22	Aug. 10, 1967	222.22	Feb. 20, 1968	139.31
Feb. 5, 1967	150.40	Aug. 15, 1967	218.46	Feb. 25, 1968	138.92
Feb. 10, 1967	148.82	Aug. 20, 1967	211.10	Feb. 29, 1968	138.70
Feb. 15, 1967	147.90	Aug. 25, 1967	205.26	Mar. 5, 1968	138.03
Feb. 20, 1967	146.27	Aug. 31, 1967	199.71	Mar. 10, 1968	137.10
Feb. 25, 1967	148.40	Sept. 5, 1967	194.98	Mar. 15, 1968	136.87
Feb. 28, 1967	147.72	Sept. 10, 1967	191.47	Mar. 20, 1968	136.48

Table 3.—Water Levels in Selected Wells in Atascosa County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well AL-78-03-601—Continued</b>		<b>Well AL-78-03-601—Continued</b>		<b>Well AL-78-03-601—Continued</b>	
Mar. 25, 1968	136.17	Nov. 30, 1968	143.01	Aug. 15, 1969	200.77
Mar. 31, 1968	135.85	Dec. 5, 1968	141.76	Aug. 20, 1969	198.08
Apr. 5, 1968	136.41	Dec. 10, 1968	140.81	Aug. 25, 1969	192.82
Apr. 10, 1968	136.14	Dec. 15, 1968	140.10	Aug. 31, 1969	184.70
Apr. 15, 1968	135.41	Dec. 20, 1968	138.81	Sept. 5, 1969	179.82
Apr. 20, 1968	134.92	Dec. 25, 1968	137.81	Sept. 10, 1969	180.90
Apr. 25, 1968	134.34	Dec. 30, 1968	137.16	Sept. 15, 1969	181.52
Apr. 30, 1968	134.11	Jan. 5, 1969	136.42	Sept. 20, 1969	176.78
May 5, 1968	133.67	Jan. 10, 1969	136.02	Sept. 25, 1969	172.23
May 10, 1968	133.47	Jan. 15, 1969	135.27	Sept. 30, 1969	172.73
May 15, 1968	132.90	Jan. 25, 1969	134.38	Oct. 5, 1969	167.27
May 20, 1968	132.58	Jan. 31, 1969	133.55	Oct. 10, 1969	164.33
May 25, 1968	132.02	Feb. 5, 1969	132.99	Oct. 15, 1969	162.12
May 31, 1968	142.86	Feb. 10, 1969	132.85	Oct. 20, 1969	160.01
June 5, 1968	135.35	Feb. 15, 1969	132.76	Oct. 25, 1969	158.46
June 10, 1968	135.25	Feb. 20, 1969	132.14	Oct. 31, 1969	156.60
June 20, 1968	140.35	Feb. 25, 1969	131.92	Nov. 5, 1969	154.97
June 25, 1968	142.69	Feb. 28, 1969	134.33	Nov. 10, 1969	153.13
June 30, 1968	141.58	Mar. 5, 1969	131.01	Nov. 15, 1969	152.60
July 5, 1968	142.80	Mar. 10, 1969	130.83	Nov. 20, 1969	151.60
July 10, 1968	142.04	Mar. 15, 1969	130.57	Nov. 25, 1969	150.40
July 15, 1968	143.03	Mar. 20, 1969	129.88	Nov. 31, 1969	149.24
July 20, 1968	154.63	Mar. 25, 1969	129.74	Dec. 5, 1969	147.92
Sept. 15, 1968	155.58	Mar. 31, 1969	129.35	Dec. 10, 1969	147.15
Sept. 20, 1968	152.64	Apr. 5, 1969	129.11	Dec. 15, 1969	146.32
Sept. 25, 1968	156.67	Apr. 10, 1969	129.37	Dec. 20, 1969	145.21
Sept. 30, 1968	149.36	Apr. 15, 1969	129.10	Dec. 25, 1969	145.01
Oct. 5, 1968	147.90	Apr. 20, 1969	129.03	Dec. 31, 1969	143.56
Oct. 10, 1968	147.34	Apr. 25, 1969	129.53	Jan. 5, 1970	142.55
Oct. 15, 1968	146.72	Apr. 30, 1969	129.88	Jan. 10, 1970	141.71
Oct. 20, 1968	146.12	May 5, 1969	129.21	Jan. 15, 1970	141.02
Oct. 25, 1968	146.92	May 10, 1969	128.85	Jan. 20, 1970	140.39
Oct. 31, 1968	146.50	May 15, 1969	128.18	Jan. 25, 1970	139.70
Nov. 5, 1968	146.77	May 20, 1969	127.82	Jan. 31, 1970	138.77
Nov. 10, 1968	146.56	July 24, 1969	215.95	Feb. 5, 1970	138.46
Nov. 15, 1968	145.90	July 31, 1969	194.86	Feb. 10, 1970	138.23
Nov. 20, 1968	145.16	Aug. 5, 1969	200.23	Feb. 15, 1970	137.50
Nov. 25, 1968	143.86	Aug. 10, 1969	204.75	Feb. 20, 1970	137.40

**Table 3.—Water Levels in Selected Wells in Atascosa County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well AL-78-03-601—Continued</b>		<b>Well AL-78-03-601—Continued</b>		<b>Well AL-78-03-601—Continued</b>	
Feb. 25, 1970	136.63	Sept. 15, 1970	167.59	Mar. 31, 1971	175.68
Feb. 28, 1970	136.24	Sept. 20, 1970	164.87	Apr. 5, 1971	179.70
Mar. 5, 1970	135.86	Sept. 25, 1970	161.92	Apr. 10, 1971	182.68
Mar. 10, 1970	135.51	Sept. 30, 1970	158.98	Apr. 15, 1971	187.88
Mar. 15, 1970	134.78	Oct. 5, 1970	156.48	Apr. 20, 1971	184.56
Mar. 20, 1970	134.23	Oct. 10, 1970	154.53	Apr. 25, 1971	189.16
Mar. 25, 1970	133.60	Oct. 15, 1970	152.99	Apr. 30, 1971	196.12
Mar. 31, 1970	133.47	Oct. 20, 1970	151.46	May 5, 1971	200.69
Apr. 5, 1970	133.44	Oct. 25, 1970	150.21	May 10, 1971	198.48
Apr. 10, 1970	133.30	Oct. 31, 1970	150.04	May 15, 1971	194.77
Apr. 15, 1970	134.48	Nov. 5, 1970	149.92	May 20, 1971	200.51
Apr. 20, 1970	135.15	Nov. 10, 1970	150.26	May 25, 1971	205.15
Apr. 25, 1970	136.29	Nov. 15, 1970	150.81	May 31, 1971	205.22
Apr. 30, 1970	136.05	Nov. 20, 1970	154.01	June 5, 1971	218.22
May 5, 1970	138.04	Nov. 25, 1970	161.49	July 20, 1971	222.66
May 10, 1970	141.62	Nov. 30, 1970	153.03	July 25, 1971	224.61
May 15, 1970	142.36	Dec. 5, 1970	154.18	Sept. 25, 1971	182.89
May 20, 1970	139.90	Dec. 10, 1970	151.47	Sept. 30, 1971	180.30
May 25, 1970	138.37	Dec. 15, 1970	160.70	Oct. 5, 1971	178.01
May 31, 1970	136.94	Dec. 20, 1970	150.42	Oct. 10, 1971	175.63
June 5, 1970	136.14	Dec. 25, 1970	149.88	Oct. 15, 1971	173.42
June 10, 1970	135.28	Dec. 31, 1970	151.23	Oct. 20, 1971	171.69
June 15, 1970	138.14	Jan. 5, 1971	151.83	Oct. 25, 1971	169.86
June 20, 1970	145.15	Jan. 10, 1971	149.15	Oct. 31, 1971	168.03
June 25, 1970	153.67	Jan. 15, 1971	149.30	Nov. 5, 1971	166.60
June 30, 1970	159.83	Jan. 20, 1971	155.57	Nov. 10, 1971	165.39
July 5, 1970	169.73	Jan. 25, 1971	152.01	Nov. 15, 1971	164.19
July 10, 1970	176.68	Jan. 31, 1971	157.86	Nov. 20, 1971	163.50
July 15, 1970	171.94	Feb. 5, 1971	162.59	Nov. 25, 1971	162.17
July 20, 1970	165.87	Feb. 10, 1971	163.09	Nov. 30, 1971	160.83
July 25, 1970	169.77	Feb. 15, 1971	165.62	Dec. 5, 1971	159.64
July 31, 1970	170.58	Feb. 20, 1971	163.04	Dec. 10, 1971	158.67
Aug. 5, 1970	171.69	Feb. 25, 1971	170.73	Dec. 15, 1971	157.74
Aug. 10, 1970	170.93	Feb. 28, 1971	166.56	Dec. 20, 1971	156.65
Aug. 15, 1970	169.91	Mar. 5, 1971	165.19	Dec. 25, 1971	155.79
Aug. 20, 1970	167.06	Mar. 15, 1971	170.64	Dec. 31, 1971	154.65
Aug. 25, 1970	175.50	Mar. 20, 1971	173.87	Jan. 5, 1972	153.85
Sept. 10, 1970	179.67	Mar. 25, 1971	175.49	Jan. 10, 1972	152.84

**Table 3.—Water Levels in Selected Wells in Atascosa County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well AL-78-03-601—Continued</b>		<b>Well AL-78-05-116—Continued</b>		<b>Well AL-78-06-503</b>	
Jan. 15, 1972	152.73	Feb. 6, 1969	+ 2.67	Owner: G. Keeney	
Jan. 20, 1972	151.52	Mar. 11, 1970	+ 3.07	June 23, 1965	16.90
Jan. 25, 1972	151.32	Mar. 15, 1971	14.20	Mar. 23, 1970	16.80
Jan. 31, 1972	150.54	Apr. 13, 1972	10.02	Mar. 8, 1971	37.49
Feb. 5, 1972	149.84	<b>Well AL-78-05-409</b>		Apr. 12, 1972	37.12
Feb. 10, 1972	149.25	Owner: City of Pleasanton		<b>Well AL-78-10-303</b>	
Feb. 15, 1972	148.40	July 9, 1963	79.00	Owner: Mrs. Rowena Dillard	
Feb. 20, 1972	148.16	Aug. 12, 1969	120.00	Oct. 7, 1963	80
Feb. 25, 1972	148.38	Sept. 2, 1970	39.30	Apr. 29, 1965	81.27
Feb. 29, 1972	147.58	Apr. 13, 1972	32.75	Mar. 17, 1966	77.29
Mar. 5, 1972	148.95	<b>Well AL-78-05-501</b>		Mar. 13, 1968	91.33
Mar. 10, 1972	149.55	Owner: S. L. Batchelor		Feb. 4, 1969	85.57
<b>Well AL-78-04-204</b>		May 9, 1944	+ 38	Mar. 13, 1970	87.77
Owner: Mitch Thomas		Sept. 27, 1960	18.39	Mar. 4, 1971	117.93
Apr. 15, 1965	37.58	Jan. 30, 1961	4.90	<b>Well AL-78-10-606</b>	
Mar. 17, 1966	39.78	Dec. 20, 1962	20.28	Owner: Bob Hindes	
Apr. 25, 1968	36.20	Jan. 28, 1965	32.31	June 18, 1969	93.80
Dec. 12, 1969	25.41	Mar. 14, 1966	28.44	Dec. 16, 1969	99.05
Mar. 11, 1970	23.70	Mar. 6, 1967	28.22	Mar. 13, 1970	84.31
Mar. 8, 1971	22.94	Mar. 14, 1968	38.29	Mar. 4, 1971	112.99
Apr. 12, 1972	23.30	Feb. 4, 1969	33.48	<b>Well AL-78-11-202</b>	
<b>Well AL-78-04-812</b>		Mar. 17, 1970	35.40	Owner: Marcelina Orpeza	
Owner: Pete Schorsch, II		Mar. 9, 1971	50.97	July 14, 1964	60
Mar. 11, 1970	44.00	Apr. 13, 1972	54.71	Nov. 3, 1969	193.30
Mar. 8, 1971	64.13	<b>Well AL-78-05-802</b>		Mar. 13, 1970	169.20
<b>Well AL-78-04-902</b>		Owner: R. D. Quillian		Mar. 4, 1971	199.65
Owner: C. W. Franks		Sept. 30, 1969	60.68	Apr. 10, 1972	199.24
1963	70	Mar. 23, 1970	39.73	<b>Well AL-78-11-204</b>	
Sept. 2, 1970	48.00	Mar. 9, 1971	55.04	Owner: Jerry Brown	
Apr. 12, 1972	94.12	Apr. 12, 1972	59.30	Sept. 2, 1970	147.70
<b>Well AL-78-05-116</b>		<b>Well AL-78-06-103</b>		Mar. 4, 1971	132.46
Owner: Joe Amacker		Owner: Fairview Farms		Apr. 7, 1972	134.52
June 5, 1944	+ 40.00	Oct. 24, 1969	53.19	<b>Well AL-78-11-301</b>	
Apr. 22, 1965	+ 8	Mar. 17, 1970	40.16	Owner: C. T. Miers	
Mar. 18, 1966	+ 5	Mar. 15, 1971	50.33	Jan. 30, 1961	52.90
Mar. 6, 1967	+ 17	Apr. 12, 1972	65.08	Apr. 28, 1965	90.50
Mar. 14, 1968	1.10			May 13, 1965	90.54

**Table 3.—Water Levels in Selected Wells in Atascosa County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well AL-78-11-301—Continued</b>		<b>Well AL-78-12-701</b>		<b>Well AL-78-15-301</b>	
Mar. 24, 1966	89.88	Owner: — Bonner		Owner: Atlantic Richfield Oil Co.	
Mar. 6, 1967	117.11	1962	45	1958	90
Dec. 12, 1969	112.31	1963	65	Nov. 13, 1969	83.77
Mar. 5, 1971	127.44	June 23, 1965	75.40	Mar. 16, 1970	84.87
Apr. 7, 1972	124.42	Apr. 30, 1968	95.04	Mar. 8, 1971	74.62
<b>Well AL-78-11-305</b>		Mar. 17, 1970	95.59	Apr. 11, 1972	85.66
Owner: Leon F. Steinle and R. B. Whipple		Mar. 5, 1971	108.00	<b>Well AL-78-15-805</b>	
Apr. 28, 1965	73.85	Apr. 10, 1972	111.80	Owner: Fashing Peggy Water Supply Corp.	
Sept. 1, 1970	81.84	<b>Well AL-78-13-701</b>		Nov. 13, 1969	60
Mar. 5, 1971	71.30	Owner: City of Christine		Mar. 17, 1970	100.18
Apr. 7, 1972	71.80	May 25, 1944	+ 19.5	Mar. 8, 1971	96.94
<b>Well AL-78-11-501</b>		Mar. 9, 1971	+ 5.86	Apr. 11, 1972	105.87
Owner: M. J. Brauchle Estate		Apr. 10, 1972	+ 2.00	<b>Well AL-78-18-201</b>	
Oct. 11, 1963	90.00	<b>Well AL-78-13-702</b>		Owner: Leroy Hindes	
Aug. 7, 1969	174.60	Owner: City of Christine		May 11, 1944	+ 0.38
Dec. 12, 1969	141.50	Aug. 31, 1970	+ 36.74	Aug. 31, 1970	7.52
Mar. 13, 1970	128.28	Mar. 8, 1971	+ 41.36	Mar. 3, 1971	7.79
Mar. 5, 1971	154.73	Apr. 10, 1972	+ 25.19	Apr. 10, 1972	11.66
Apr. 10, 1972	160.84	<b>Well AL-78-14-103</b>		<b>Well AL-78-18-601</b>	
<b>Well AL-78-11-803</b>		Owner: Joe K. Williams		Owner: Edgar Linkenhoger	
Owner: Bob Hindes		Mar. 1, 1965	+104	Apr. 1964	+ 0.5
Dec. 16, 1969	72.78	Mar. 18, 1965	+ 94	Aug. 6, 1969	25
Mar. 13, 1970	61.48	Apr. 1, 1965	+104	Dec. 16, 1969	41.79
Mar. 5, 1971	76.53	Mar. 6, 1967	+ 89	Mar. 13, 1970	29.10
Apr. 10, 1972	85.51	Mar. 13, 1968	+ 63.37	Mar. 5, 1971	40.41
<b>Well AL-78-12-301</b>		Feb. 4, 1969	+ 77.23	Apr. 10, 1972	58.85
Owner: James Jenkins		Nov. 14, 1969	+121.00	<b>Well AL-78-20-101</b>	
1963	60	Mar. 16, 1970	+ 93.40	Owner: Tom Peeter	
Apr. 28, 1965	38.48	Mar. 9, 1971	+ 79.54	1962	70
Mar. 14, 1966	38.02	Apr. 12, 1972	+ 70.30	June 23, 1965	92.71
Mar. 6, 1967	38.18	<b>Well AL-78-14-203</b>		Nov. 6, 1969	125.49
Mar. 13, 1968	51.05	Owner: E. A. Kinsel		Mar. 16, 1970	110.04
Feb. 4, 1969	44.53	May 16, 1944	+ 1.00	Mar. 5, 1971	121.21
Mar. 17, 1970	46.83	Aug. 31, 1970	+ 0.78	Apr. 10, 1972	129.80
		Mar. 9, 1971	+ 0.79		
		Apr. 11, 1972	0.60		



**Table 3.—Water Levels in Selected Wells in Atascosa County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well AL-78-20-301</b>		<b>Well AL-78-22-202</b>	
Owner: Alonzo M. Peeler		Owner: Lower Nueces River Water Supply District	
June 23, 1965	+ 59.40	Feb. 1951	+189.10
Apr. 22, 1970	+ 46.69	Nov. 7, 1969	+ 99.02
Mar. 8, 1971	+ 39.76	Mar. 16, 1970	+ 68.99
Apr. 10, 1972	+ 28.21	Mar. 8, 1971	+ 94.50

ADASCOSA COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Kea, Edwards and associated limestones; Ew1, Wilcox Group; Ec, Carrizo Sand; Er, Reklam Formation; Eyc, Queen City sand; Ew, Weches Formation; Eb, Bigford Formation; Eep, El Pico Clay; Es, Sparta Sand; El, Llorado Formation; Em, Cook Mountain Formation; Ey, Yegua Formation; Ej, Jackson Group; Me, Catahoula Tuff; Mo, Oakville Sandstone; Mf, Lurgarto Clay; Qt, terrace gravel; Qal, alluvium.  
 Dissolved solids : The bicarbonate "reported" is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.  
 Analyses by Texas State Department of Health unless indicated by footnote.

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
2/ AL-68-50-201	Kea	2,379	Nov. 1, 1955	14	0.84	70	22	80	5.8	232	182	49	1.4	0.0	0.52	536	265	858	7.7	39.0	2.14	0.00
2/ 201	Kea	2,379	July 22, 1957	22	--	96	34	13	2.0	226	183	22	3.2	.0	--	483	380	757	7.4	7.0	.29	.00
2/ 201	Kea	2,379	Feb. 4, 1959	--	--	--	--	--	--	224	186	31	--	--	--	--	380	779	7.6	--	--	--
2/ 201	Kea	2,379	Sept. 8, 1959	--	--	--	--	--	--	218	--	34	--	--	--	--	382	767	7.1	--	--	--
2/ 201	Kea	2,379	Dec. 1959	--	--	--	--	--	--	218	194	34	--	--	--	--	380	780	7.1	--	--	--
2/ 201	Kea	2,379	Sept. 19, 1960	--	--	--	--	--	--	218	190	36	--	--	--	--	380	786	7.4	--	--	--
2/ 201	Kea	2,379	Mar. 6, 1961	--	--	--	--	--	--	218	190	34	--	--	--	--	378	795	7.1	--	--	--
2/ 201	Kea	2,379	Sept. 12, 1961	--	--	--	--	--	--	206	188	38	--	--	--	--	372	772	7.5	--	--	--
2/ 201	Kea	2,379	Oct. 10, 1961	--	--	--	--	--	--	98	188	120	--	--	--	--	400	889	6.1	--	--	--
2/ 201	Kea	2,379	Mar. 19, 1962	--	--	--	--	--	--	218	187	42	--	--	--	--	382	789	7.1	--	--	--
2/ 201	Kea	2,379	Aug. 20, 1962	--	--	--	--	--	--	220	185	38	--	--	--	--	390	812	6.9	--	--	--
2/ 201	Kea	2,379	Mar. 4, 1963	--	--	--	--	--	--	224	190	39	--	--	--	--	394	811	7.1	--	--	--
2/ 201	Kea	2,379	Mar. 8, 1963	18	.12	100	34	24	--	220	191	38	3.0	.0	--	513	390	802	6.8	11.7	.52	.00
2/ 201	Kea	2,379	Aug. 7, 1963	--	--	--	--	--	--	220	190	40	--	--	--	--	396	793	6.7	--	--	--
2/ 201	Kea	2,379	Mar. 4, 1964	--	--	--	--	--	--	226	194	40	--	--	--	--	392	818	7.5	--	--	--
2/ 201	Kea	2,379	Aug. 21, 1964	--	--	--	--	--	--	228	189	41	--	--	--	--	382	807	7.4	--	--	--
2/ 201	Kea	2,379	Mar. 1, 1965	--	--	--	--	--	--	--	181	40	--	--	--	--	382	806	8.1	--	--	--
2/ 301	Kea	2,507	Mar. 6, 1957	17	--	252	84	145	9.2	214	683	300	--	.2	.50	1,595	974	2,300	7.4	24.3	2.02	.00
2/ 301	Kea	2,507	July 29, 1958	--	--	--	--	--	--	201	--	72	--	--	--	--	348	841	7.7	--	--	--
2/ 301	Kea	2,507	Aug. 26, 1959	--	--	--	--	--	--	240	--	50	--	--	--	--	318	727	7.1	--	--	--
2/ 301	Kea	2,507	Dec. 7, 1959	--	--	--	--	--	--	238	118	54	--	--	--	--	314	723	7.2	--	--	--
2/ 301	Kea	2,507	Mar. 7, 1961	--	--	--	--	--	--	236	87	46	--	--	--	--	286	680	7.3	--	--	--
2/ 301	Kea	2,507	Apr. 5, 1961	--	--	--	--	--	--	242	99	45	--	--	--	--	292	685	7.8	--	--	--
2/ 301	Kea	2,507	Oct. 19, 1961	--	--	--	--	--	--	--	81	40	--	--	--	--	--	--	--	--	--	--
2/ 301	Kea	2,507	Sept. 17, 1962	--	--	--	--	--	--	232	147	68	--	--	--	--	356	826	7.1	--	--	--
2/ 301	Kea	2,507	Mar. 4, 1963	--	--	--	--	--	--	208	154	67	--	--	--	--	334	807	7.3	--	--	--
2/ 301	Kea	2,507	Aug. 14, 1963	--	--	--	--	--	--	224	74	34	--	--	--	--	266	571	7.2	--	--	--
2/ 301	Kea	2,507	June 24, 1964	--	--	--	--	--	--	244	83	35	--	--	--	--	290	631	7.5	--	--	--
2/ 301	Kea	2,507	Aug. 21, 1964	--	--	--	--	--	--	240	81	34	--	--	--	--	278	618	7.3	--	--	--
2/ 302	Kea	2,498	Jan. 17, 1956	17	--	102	33	31	3.0	218	196	59	1.2	.0	.09	548	390	854	7.5	14.6	.68	.00
2/ 303	Kea	2,428	Oct. 26, 1955	13	--	63	15	7.5	1.1	242	15	15	--	4.8	.05	253	219	445	7.4	7.0	.22	.00
602	Ew1	728	June 19, 1968	22	--	133	27	150	16	395	248	151	1.0	< .4	--	942	446	1,470	7.4	41.1	3.08	.00
603	Ew1	249	Nov. 20, 1968	25	--	149	31	83	14	377	189	138	1.7	< .4	.7	814	500	1,250	7.1	25.8	1.61	.00
2/ 51-101	Kea	2,656	Dec. 1, 1958	--	--	--	--	--	--	124	1,400	594	--	--	--	--	1,650	3,790	7.0	--	--	--

See footnotes at end of table.

ATASCOSA COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHMS AT 25°C)	pH	FERROUS IRON	SAR	RSC
2/ AL-68-51-101	Kea	2,656	Mar. 6, 1961	--	--	--	--	--	--	74	1,270	580	--	--	--	--	1,590	3,680	7.2	--	--	--
2/ 101	Kea	2,656	Oct. 10, 1961	15	--	420	169	* 299	--	139	1,370	600	0.15	0.00	--	2,941	1,740	3,870	6.7	27.2	3.12	0.00
2/ 101	Kea	2,656	Mar. 29, 1962	--	--	--	--	--	--	118	1,280	540	--	--	--	--	1,620	3,610	6.6	--	--	--
2/ 101	Kea	2,656	Sept. 25, 1962	--	--	--	--	--	--	240	1,080	500	--	--	--	--	1,510	3,040	6.9	--	--	--
2/ 101	Kea	2,656	June 24, 1964	--	--	--	--	--	--	236	720	350	--	--	--	--	1,050	2,450	6.8	--	--	--
701	Ec	--	Apr. 1, 1970	33	--	16	4	25	3	40	22	41	< .1	< .4	--	164	55	260	6.8	48.2	1.48	.00
2/ 803	Ec	166	July 29, 1963	19	4.51	35	7.0	43	7.3	38	41	102	.2	.0	0.05	273	116	487	5.6	42.6	1.73	.00
2/ 52-601	Ec, Twi	203	May 31, 1964	32	.60	33	6.8	30	--	64	30	63	.6	.5	--	227	110	--	6.8	37.2	1.25	.00
2/ 701	Ec	175	June 18, 1972	--	.38	10	--	* 27	--	31	21	32	--	.4	--	105	34	--	--	--	2.0	.00
2/ 701	Ec	175	May 31, 1964	--	--	--	--	--	--	31	14	58	--	--	--	81	--	--	--	--	--	--
2/ 706	Ec	169	do	--	.50	--	--	--	--	32	16	45	--	--	--	60	--	--	--	--	--	--
709	Ec	315	Mar. 9, 1970	31	--	58	5	34	3	145	32	67	.1	2.0	--	303	168	516	6.9	30.3	1.15	.00
709	Ec	315	Apr. 13, 1970	27	--	58	6	34	4	143	36	64	.2	3.5	--	303	169	503	6.9	30.0	1.15	.00
709	Ec	315	do	30	--	60	6	33	4	144	35	64	.1	2.0	--	305	172	504	6.9	29.1	1.11	.00
709	Ec	315	do	29	--	54	6	33	4	131	36	65	.2	2.0	--	293	158	408	6.8	30.9	1.16	.00
709	Ec	315	do	28	--	52	5	33	4	123	35	64	.1	3.0	--	284	153	472	6.7	31.5	2.15	.00
709	Ec	315	Apr. 14, 1970	30	--	52	5	33	4	124	34	65	.1	2.0	--	286	154	474	6.8	31.4	2.17	.00
709	Ec	315	do	30	--	52	5	33	4	123	34	65	.1	3.0	--	286	152	474	6.7	31.6	1.18	.00
709	Ec	315	do	30	--	52	5	33	4	124	34	65	.2	2.0	--	286	203	475	6.8	31.5	1.17	.00
711	Ec, BwL	354	Feb. 10, 1970	30	.10	40	4	24	5	107	24	47	.2	< .4	--	227	117	359	6.8	30.0	.98	.00
712	Ec	326	Oct. 1, 1964	33	--	43	4	23	5	113	21	48	.2	< .4	< .3	223	122	367	7.1	28.3	.92	.00
718	Ec	--	Aug. 1, 1969	34	--	32	4	20	5	81	19	40	.2	< .4	--	194	97	307	6.9	29.7	.80	.00
718	Ec	--	July 13, 1972	28	--	64	8	19	7	134	48	57	.2	< .4	--	297	191	462	7.0	17.0	.59	.00
58-602	Ec	555	Oct. 13, 1969	22	--	84	13	43	8	205	71	84	.4	2.0	--	427	261	704	7.6	25.8	1.16	.00
2/ 59-202	Ec	125	June 2, 1944	--	4.3	--	--	--	--	43	16	63	--	--	--	--	102	--	--	--	--	--
206	Ec	343	June 18, 1969	31	--	38	6	36	6	76	37	70	.2	< .4	--	262	120	427	6.7	37.9	3.42	.00
207	BwL	304	June 13, 1969	30	--	32	6	39	6	65	32	76	.2	< .4	--	253	103	422	6.9	43.3	1.67	.00
208	Ec	336	July 23, 1969	28	--	26	5	36	6	51	28	71	< .1	< .4	.2	225	88	379	6.7	45.4	1.69	.00
208	Ec	336	July 13, 1972	29	.22	31	7	34	6	37	54	68	.2	< .4	< .1	247	104	395	6.2	40.0	1.46	.00
307	Ec	335	July 23, 1969	29	--	32	5	34	7	40	52	66	.2	< .4	--	238	103	406	6.5	39.8	1.46	.00
2/ 401	Ec	380	Feb. 22, 1928	18	1.10	31	6.2	28	5.1	52	50	51	--	.10	--	215	103	--	--	15.2	.67	.00
2/ 401	Ec	380	June 2, 1944	--	.60	--	--	--	--	57	24	60	--	--	--	--	114	--	--	--	--	--
2/ 504	Ec	411	Aug. 27, 1963	20	5.33	24	5.4	26	7.3	49	30	54	.9	.0	--	191	82	360	6.7	38.2	1.25	.00
2/ 508	Ec	618	July 23, 1969	19	--	33	6	26	6	70	36	54	.3	< .4	--	215	107	364	7.3	33.5	1.11	.00

See footnotes at end of table.

ATASCOSA COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT.)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BARON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	PERCENT SOLIDUM	SAR	RSC
AL 68-59-601	Ec	318	Sept. 16, 1969	18	--	22	5	24	7	48	28	47	0.2	< 0.4	--	175	75	293	6.7	38.4	1.20	0.00
602	Ec	195	Sept. 10, 1969	26	--	17	5	28	6	34	27	51	< .1	< .4	0.1	177	63	291	6.2	46.6	1.54	.00
2/ 603	Ec	460	Aug. 7, 1945	--	0.20	--	--	--	--	41	36	48	--	--	--	--	68	--	--	--	--	--
604	Ec	350	Sept. 10, 1969	25	--	23	5	33	6	40	34	62	.2	< .4	--	208	78	350	6.6	45.9	1.64	.00
606	Ec	300	do	29	--	25	5	40	5	24	40	82	< .1	< .4	.1	241	84	402	6.0	50.9	1.90	.00
614	Ec	455	Sept. 16, 1969	19	--	22	4	24	7	31	32	50	.2	< .4	--	174	71	294	6.4	39.4	1.23	.00
2/ 615	Ec	560	Dec. 6, 1930	--	27.33	26	8.7	* 23	--	61	35	46	--	.0	--	169	101	--	--	33.1	1.00	.00
618	Ec	480	Sept. 16, 1969	34	--	306	103	184	17	165	850	396	1.1	< .4	--	1,971	1,190	2,570	6.7	24.9	2.32	.00
2/ 620	Ec	521	Aug. 8, 1945	--	1.6	--	--	--	--	43	42	59	--	--	--	--	86	--	--	--	--	--
623	Ec	360	Sept. 10, 1969	26	--	20	5	38	6	43	27	70	< .1	< .4	--	213	72	359	6.3	51.1	1.95	.00
626	Ec	430	Sept. 11, 1969	26	--	31	5	35	7	67	31	65	.2	< .4	--	233	99	389	6.6	41.0	1.51	.00
628	Ec	300	Sept. 16, 1969	29	--	206	67	209	14	159	520	430	.6	< .4	--	1,553	790	2,280	6.8	35.9	3.23	.00
629	Ec	447	do	20	--	20	4	26	6	33	31	49	.2	< .4	--	173	67	288	6.3	43.1	1.38	.00
2/ 801	Ec	640	June 18, 1932	--	1.43	40	7.9	* 20	--	84	41	45	--	.0	--	195	132	--	--	24.7	.76	.00
2/ 802	Ec	578	Aug. 8, 1945	--	3.0	--	--	--	--	103	55	32	--	--	--	--	124	--	--	--	--	--
2/ 808	Ec	500	do	--	.45	--	--	--	--	108	32	35	--	--	--	--	114	--	--	--	--	--
2/ 814	Ec	560	do	--	.10	--	--	--	--	70	26	52	--	--	--	--	94	--	--	--	--	--
817	Ec	420	Sept. 24, 1969	21	--	23	5	27	7	37	33	55	< .1	< .4	< .1	190	78	328	6.5	40.3	1.33	.00
819	Ec	618	June 13, 1969	17	--	37	6	22	8	85	37	46	.4	< .4	--	215	120	370	7.0	27.2	.89	.00
821	Ec	545	do	18	--	32	4	26	7	74	31	49	.2	< .4	< .1	204	97	353	6.7	34.5	1.13	.00
822	Ec	724	July 24, 1969	16	--	47	6	23	5	132	35	36	.4	< .4	--	233	144	395	7.6	25.0	.83	.00
2/ 903	Ec	600	May 26, 1932	19	1.14	29	6.0	21	7.4	60	36	43	--	--	--	191	97	--	--	29.9	.92	.00
2/ 904	Ec	715	Aug. 8, 1945	--	.53	--	--	--	--	39	34	52	--	--	--	--	81	--	--	--	--	--
906	Ec	715	Sept. 16, 1969	18	--	69	19	48	10	104	143	92	.5	< .4	--	450	251	724	6.9	28.4	1.32	.00
905	Ec	680	do	16	--	217	102	184	20	262	458	473	.7	< .4	--	1,599	960	2,390	7.2	28.8	2.58	.00
2/ 910	Ec	630	May 30, 1944	--	.25	--	--	--	--	64	34	53	--	--	--	--	90	--	--	--	--	--
912	Ec, Er	475	June 17, 1969	16	--	427	93	224	18	249	821	630	.9	< .4	--	2,351	1,452	3,280	7.1	24.8	2.56	.00
913	Ec	1,000	July 31, 1969	16	--	58	6	25	5	144	41	46	.4	< .4	.2	268	170	455	7.6	24.2	.83	.00
914	Ec	396	do	16	--	56	6	24	5	138	37	47	.4	< .4	--	259	164	445	7.4	23.7	.83	.00
918	Ec	440	June 17, 1969	17	--	36	5	23	7	72	37	51	.2	< .4	--	212	112	360	6.9	29.7	.97	.00
2/ 60-102	Ec	450	Aug. 6, 1945	--	3.5	--	--	--	--	77	24	59	--	--	--	--	100	--	--	--	--	--
102	Ec	450	Sept. 9, 1969	22	--	24	5	27	6	54	30	51	.2	< .4	--	192	81	317	6.5	40.3	1.33	.00
104	Ec	360	Sept. 8, 1969	17	--	70	14	68	9	17	216	138	< .1	2.0	--	562	230	904	6.1	44.3	2.53	.00
105	Ec	440	July 24, 1969	28	--	28	4	25	5	73	31	41	.3	< .4	--	198	89	315	7.0	35.9	1.13	.00

See footnotes at end of table.

ATASCOSA COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL, (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLOUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROHMMS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
AL-68-60-111	Ec	365	Aug. 14, 1969	27	--	15	3	18	5	32	19	32	< 0.1	< 0.4	--	135	48	205	6.3	41.6	1.12	0.00
y 301	Ec	145	July 19, 1949	24	--	38	12	46	--	114	65	59	--	0	0.61	300	114	473	7.0	40.9	1.66	.00
y 303	Ec	145	July 30, 1963	25	24	19	5.7	39	8.7	38	24	78	.2	.0	.03	218	71	377	5.8	50.9	2.02	.00
305	Ec	378	Oct. 2, 1969	28	--	10	2	17	5	27	16	27	< .1	< .4	--	119	36	180	6.1	45.9	1.20	.00
305	Ec	378	July 13, 1972	28	--	12	3	16	4	29	18	27	.1	< .4	< .1	122	42	183	6.2	41.9	1.05	.00
310	Ec	404	Dec. 2, 1969	33	--	288	53	265	23	151	570	590	.6	< .4	--	1,896	940	2,740	6.6	37.3	3.77	.00
401	Ec	666	July 22, 1969	21	--	37	9	43	7	67	54	83	.3	< .4	--	287	130	498	6.9	40.1	1.63	.00
z 407	Ec	540	Aug. 7, 1945	--	.40	--	--	--	--	49	38	60	--	--	--	--	75	--	--	--	--	--
z 411	Ec	850	June 1, 1944	--	1.0	--	--	--	--	40	34	64	--	--	--	--	102	--	--	--	--	--
412	Ec	700	Sept. 9, 1969	5	--	24	5	27	8	70	6	60	< .1	< .4	--	170	82	319	7.1	39.1	1.30	.00
z 414	Ec	265	Aug. 7, 1945	--	6.8	--	--	--	--	54	46	63	--	--	--	--	86	--	--	--	--	--
419	Ec	522	June 18, 1969	12	--	44	6	20	9	131	35	32	.3	< .4	--	223	136	382	7.4	23.0	.79	.00
501	Ec	600	Sept. 30, 1969	26	--	131	29	95	13	85	292	206	.4	< .4	--	834	447	1,290	6.6	30.8	1.95	.00
508	Ec	960	Sept. 16, 1969	18	--	28	5	25	8	40	41	56	.2	< .4	--	201	92	349	6.6	34.4	1.12	.00
511	Ec	960	Sept. 30, 1969	25	--	32	3	17	5	31	14	31	.2	< .4	--	123	40	190	6.3	45.0	.84	.00
516	Ec	750	July 24, 1969	18	--	27	5	23	7	54	31	47	.3	< .4	--	195	86	316	7.0	34.0	1.06	.00
521	Ec	830	June 17, 1969	29	--	14	3	18	5	29	21	31	< .1	< .4	--	136	47	201	6.4	42.2	1.14	.00
607	Ec	1,009	Oct. 3, 1969	16	--	34	6	24	7	59	42	53	1.0	< .4	--	211	110	364	6.7	30.7	1.00	.00
709	Ec	845	Sept. 10, 1969	17	--	25	5	28	7	50	32	47	.3	< .4	--	180	83	306	6.9	34.3	1.05	.00
y 724	Ec	540	Aug. 8, 1945	--	.10	--	--	--	--	52	24	46	--	--	--	--	72	--	--	--	--	--
724	Ec	540	July 24, 1969	17	--	36	7	31	8	74	47	56	.3	< .4	--	239	117	406	7.1	34.4	1.23	.00
725	Ec	683.15	June 11, 1969	18	--	25	4	22	8	39	33	50	.2	< .4	--	182	80	312	6.6	34.3	1.05	.00
726	Ec	840	Sept. 10, 1969	17	4.70	45	11	44	8	60	66	100	.2	< .4	--	321	158	561	6.6	36.3	1.52	.00
z 801	Ec	1,090	May 8, 1944	--	.87	--	--	--	--	176	42	45	--	--	--	--	159	--	--	--	--	--
z 802	Ec	1,010	do	--	.71	--	--	--	--	126	16	39	--	--	--	--	102	--	--	--	--	--
z 803	Ec	905	Aug. 5, 1964	17	1.1	26	4.2	22	7.3	51	32	44	.2	.0	.07	177	82	317	6.2	34.3	1.06	.00
803	Ec	905	Sept. 10, 1969	17	4.05	28	4	24	7	46	36	49	.3	< .4	--	188	87	323	6.5	35.3	1.12	.00
803	Eqc	453	Sept. 11, 1969	15	--	68	13	66	10	238	92	65	.4	< .4	--	446	229	703	7.8	37.8	1.93	.00
z 809	Ec	835	May 26, 1932	16	10.58	28	6.1	21	7.0	58	32	47	--	.0	--	184	95	--	--	30.4	.93	.00
z 809	Ec	835	Aug. 14, 1945	17	1.3	25	5.0	24	5.6	48	33	49	.2	0	--	182	85	--	7.8	36.6	1.14	.00
812	Ec	970	Sept. 20, 1968	16	--	25	4	24	7	44	35	48	.1	< .4	--	181	80	301	6.8	37.5	1.19	.00
812	Ec	970	Aug. 12, 1969	16	--	24	5	21	7	43	33	44	.2	< .4	--	171	79	298	6.6	34.3	1.04	.00
813	Ec	1,020	July 23, 1969	17	--	43	7	26	6	120	39	42	.5	< .4	--	239	138	403	7.4	28.0	1.96	.00
816	Ec	840	Sept. 11, 1969	17	--	32	6	25	8	56	41	55	.3	< .4	--	212	106	360	6.5	32.0	1.06	.00

See footnotes at end of table.

ATASCOSA COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiD <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROHMOS AT 25°C)	pH	PER-CENT SODIUM	SAR	RSC
AL-68-60-81R	Ec	1,120	Sept. 11, 1969	17	--	39	4	22	6	87	34	44	0.3	< 0.4	--	209	115	356	7.0	28.2	0.90	.00
2/ 821	Ec	840	Feb. 22, 1928	18	0.58	23	4.8	23	4.3	43	33	46	--	.21	--	180	77	--	--	38.3	1.15	.00
2/ 823	Ec	840	May 26, 1932	15	6.72	50	9.3	21	8.7	166	32	32	--	.0	--	249	163	--	--	20.7	.71	.00
826	Ec	950	Sept. 11, 1969	15	--	52	10	44	8	139	71	62	.3	< .4	--	331	172	551	7.2	34.4	1.46	.00
827	Ec	927	do	16	--	62	17	94	10	271	97	83	.6	< .4	--	512	226	807	7.5	46.2	2.72	.00
830	Ec	1,000	Sept. 10, 1969	18	--	254	87	331	15	254	477	720	.7	< .4	--	2,027	990	3,080	7.3	41.6	4.57	.00
839	Ec	1,500	July 22, 1969	17	--	27	4	23	7	44	33	50	.2	< .4	--	176	84	317	6.7	35.0	1.09	.00
842	Ec	1,700	Aug. 12, 1969	16	--	32	6	23	7	78	32	43	.3	< .4	--	198	104	340	7.0	30.2	.96	.00
843	Ec	1,645	July 22, 1969	16	--	50	5	25	5	163	36	33	.3	< .4	--	256	163	431	7.5	24.2	.85	.00
845	Ec	1,400	July 23, 1969	17	--	28	5	23	7	49	36	49	< .1	< .4	--	189	91	330	7.3	33.4	1.05	.00
61-105	Ec	520	Sept. 23, 1969	4	--	17	3	18	5	65	< 4	33	< .1	< .4	--	116	55	214	7.5	39.0	1.06	.00
203	Ec	610	July 30, 1969	25	--	11	3	17	5	22	18	33	.2	< .4	--	123	41	193	6.2	43.8	1.16	.00
204	Ec	990	July 29, 1969	13	--	43	8	27	9	150	35	34	.4	< .4	--	243	141	418	7.5	28.1	1.00	.00
207	Ec	805	July 30, 1969	20	--	17	3	20	6	33	24	37	< .1	< .4	--	144	55	234	6.7	41.0	1.16	.00
2/ 209	Ec	810	Aug. 20, 1964	25	.54	20	4.9	26	8.6	34	34	52	.1	.0	0.00	187	70	316	6.5	41.1	1.25	.00
210	Ec	505	July 29, 1969	24	--	16	8	23	7	40	29	48	.2	< .4	.1	175	73	297	6.6	38.3	1.19	.00
2/ 401	Ec	964	June 5, 1944	--	7.0	--	--	--	--	77	32	52	--	--	--	--	102	--	--	--	--	--
403	Ec	925	July 25, 1969	17	--	25	5	24	7	49	37	47	.3	< .4	--	186	85	317	6.9	35.8	1.14	.00
2/ 410	Ec	1,100	June 5, 1944	--	1.9	--	--	--	--	202	22	39	--	--	--	--	150	--	--	--	--	--
2/ 601	Ec	1,057	June 24, 1955	17	1.3	22	4.8	22	8.3	48	36	40	.1	.0	.06	174	75	299	6.7	36.1	1.11	.00
701	Ec	1,212	Oct. 2, 1969	27	--	48	6	22	5	129	38	41	.3	< .4	.1	251	143	398	7.3	24.5	.81	.00
702	Ec	900	do	16	--	34	6	20	7	93	32	35	.4	< .4	--	196	108	331	7.1	27.6	.86	.00
2/ 704	Eqc	274	Aug. 26, 1964	19	3.5	88	28	146	--	342	171	104	.5	.0	--	724	334	1,140	7.5	48.7	3.47	.00
705	Ec	1,280	Oct. 3, 1969	13	--	49	6	23	5	159	28	32	.4	< .4	--	234	150	401	7.5	24.6	.83	.00
802	Ec	1,320	July 29, 1969	13	--	55	8	24	5	171	35	34	.5	< .4	--	258	168	435	7.6	23.1	.81	.00
805	Eqc	655.74	Sept. 2, 1970	21	--	139	45	126	11	273	300	206	.5	< .4	--	982	530	1,510	7.6	33.5	2.38	.00
806	Eqc	481.46	June 12, 1969	17	--	33	17	148	10	306	59	129	.9	< .4	--	563	153	955	7.8	66.1	5.21	1.97
807	Ec	1,320	July 29, 1969	16	--	49	6	24	6	153	31	32	.5	< .4	--	239	147	406	7.6	25.4	.87	.00
902	Ec	1,550	July 30, 1969	15	--	62	8	28	6	194	36	37	.4	< .4	--	287	186	481	7.5	23.9	.89	.00
62-403	Ec	1,381	Mar. 19, 1969	17	--	37	4	21	7	96	33	34	.3	< .4	--	200	110	338	7.2	28.1	.89	.00
2/ 702	Eqc	455	July 21, 1936	--	.38	18	10	200	--	298	90	128	.3	1.3	--	593	86	--	--	83.5	9.38	3.17
2/ 78-02-301	Ec	1,205	Apr. 6, 1964	16	.00	92	9.4	26	5.5	241	63	50	.4	.2	.07	382	268	650	6.8	17	.7	.00
602	Ec	1,357	Aug. 6, 1969	17	--	92	9	21	5	283	33	33	.4	< .4	--	349	269	575	7.4	24.3	.56	.00
903	Ec	1,460	Aug. 5, 1969	13	--	89	10	27	6	285	42	35	.5	< .4	--	362	264	597	7.7	17.9	.73	.00

See footnotes at end of table.

ATASCOSA COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
AL-78-03-201	Ec	945	Oct. 7, 1969	16	--	49	5	22	5	144	34	28	0.4	< 0.4	--	230	144	388	7.2	23.8	0.78	0.00
202	Ec	1,496	June 18, 1969	15	--	68	7	23	5	177	49	38	.5	1.0	--	293	198	491	7.4	20.0	.73	.00
304	Ec	987	Oct. 7, 1969	15	--	58	7	24	6	177	35	32	.4	< .4	--	264	172	445	7.4	22.6	.80	.00
7/ 401	Ec	1,207	June 2, 1964	--	1.7	--	--	--	--	271	34	37	--	--	--	--	207	--	--	--	--	--
405	Ec	1,400	Aug. 5, 1969	15	--	66	23	21	5	283	33	31	.5	< .4	--	333	262	574	7.6	14.6	.57	.00
1/ 408	Ec	1,750	Aug. 6, 1964	15	1.9	50	12	69	--	304	35	27	.6	.0	--	357	174	612	7.1	46.2	2.27	1.50
2/ 409	Ec, Bwi	1,940	do	16	3.6	30	9.0	189	8.6	320	111	114	.5	.0	0.05	634	112	1,070	7.8	77.0	7.77	3.01
503	Ec	1,300	Aug. 5, 1969	13	--	90	10	22	5	279	42	31	.5	< .4	--	350	264	575	7.7	14.9	.58	.00
2/ 504	Bwi	2,024	Aug. 26, 1964	19	.24	4.5	1.0	446	--	444	200	290	.04	.02	--	1,178	15	--	--	98.5	50.09	6.98
507	Ec	1,540	June 12, 1969	15	--	82	10	23	6	270	33	30	.5	< .4	< .1	332	244	554	7.8	16.4	.63	.00
309	Ec	1,547	June 13, 1969	15	--	90	7	21	5	277	36	29	.5	< .4	--	339	255	564	7.6	14.7	.56	.00
606	Ec	1,609	Aug. 7, 1969	17	--	81	7	23	6	253	36	33	.4	< .4	--	327	233	546	7.6	17.4	.66	.00
707	Ec	1,570	Aug. 1, 1969	13	--	90	10	27	6	279	41	39	.5	< .4	--	363	229	607	7.7	17.8	.73	.00
710	Ec	1,663	June 13, 1969	15	--	87	10	24	6	283	36	34	.5	< .4	--	351	259	586	7.7	16.5	.65	.00
711	Ec	1,740	June 1969	15	--	75	11	28	6	279	40	31	.5	< .4	--	343	232	585	7.8	20.2	.80	.00
807	Ec	2,200	Aug. 1, 1969	17	--	26	12	150	9	353	75	61	.6	< .4	--	523	113	836	8.0	72.3	6.11	1.52
901	Ec	1,826	Aug. 7, 1969	15	--	81	10	24	7	272	36	32	.5	< .4	--	339	245	555	7.7	17.1	.67	.00
2/ 04-103	Ec	1,424	Aug. 20, 1964	15	.19	63	7.2	25	4.9	181	46	37	.3	.2	.12	287	187	490	7.2	22.0	.80	.00
104	Ec	1,038	July 31, 1969	15	--	52	6	22	5	138	35	39	.4	< .4	.2	242	155	434	7.5	23.0	.77	.00
2/ 204	Ec	1,458	May 12, 1944	--	0.71	--	--	--	--	212	44	36	--	--	--	--	204	--	--	--	--	--
2/ 205	Ec	1,403	May 9, 1944	--	.81	--	--	--	--	192	42	34	--	--	--	--	174	--	--	--	--	--
2/ 206	Ec	1,400	do	--	.64	--	--	--	--	190	22	38	--	--	--	--	150	--	--	--	--	--
2/ 301	Ec	1,500	do	--	1.6	--	--	--	--	200	40	37	--	--	--	--	174	--	--	--	--	--
303	Ec	1,400	Aug. 11, 1969	16	--	55	6	23	5	161	36	33	.5	< .4	--	253	164	434	7.5	23.1	.80	.00
304	Ec	1,500	Aug. 14, 1969	15	--	59	7	26	6	179	37	35	.5	< .4	--	273	178	458	7.4	23.2	.84	.00
308	Eqc	122.3	Apr. 22, 1969	--	--	36	25	117	--	292	67	95	.6	< .4	.22	483	192	--	7.7	56.9	3.66	.93
2/ 402	Eqc	1,040	June 18, 1932	--	1.66	48	23	88	--	272	73	75	--	.50	--	441	214	--	--	47.2	2.62	.17
2/ 502	Ec	1,635	do	--	.90	68	15	39	--	278	41	33	--	.0	--	332	232	--	--	26.9	1.12	.00
2/ 502	Ec	1,635	Aug. 14, 1945	13	.67	69	13	26	11	266	31	32	.4	.5	--	326	226	573	7.6	19.1	.75	.00
504	Ec	1,800	Aug. 12, 1969	13	--	82	9	22	6	267	32	30	.4	< .4	2	325	244	533	7.6	16.2	.62	.00
2/ 507	Ec	2,007	Feb. 21, 1969	--	--	81	11	23	--	264	36	33	.4	< .4	--	314	--	616	7.7	16.8	.64	.00
2/ 602	Ec	1,505	Feb. 21, 1968	22	.96	77	12	28	4.3	264	37	34	--	.0	--	344	283	--	--	19.8	.79	.00
2/ 605	Eqc	701	June 3, 1944	--	.25	--	--	--	--	385	3	111	--	--	--	--	78	--	--	--	--	--
606	Eqc	884	June 17, 1969	17	--	20	15	141	7	323	37	87	.6	< .4	--	483	111	796	7.6	71.8	5.81	3.08

See footnotes at end of table.

ATASCOSA COUNTY

Table 4.--Chemical Analysis of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
2/ AL-78-04-703	Ec	1,900	Aug. 30, 1964	17	0.04	48	12	41	7.7	211	40	39	0.3	0.2	0.17	308	170	522	7.5	33.1	1.37	0.07
703	Ec	1,900	Aug. 7, 1969	20	--	35	20	125	9	278	73	110	.5	< .4	--	529	172	867	7.8	59.7	4.14	1.13
2/ 803	Ec	1,960	Aug. 5, 1964	16	.56	73	11	27	6.8	270	28	28	.5	.0	.16	322	227	592	7.2	19.9	.78	.00
803	Ec	1,960	July 14, 1972	16	--	71	11	29	6.0	268	25	30	.3	< .4	--	310	224	512	7.6	21.2	.83	.00
804	Ec	2,017	Aug. 14, 1969	16	--	105	39	135	10	251	293	161	.6	< .4	--	882	422	1,350	7.5	40.4	2.87	.00
805	Ec	2,173	Aug. 14, 1969	16	--	72	14	32	7	270	40	32	.5	< .4	--	346	236	565	7.3	22.0	.90	.00
808	Ec	1,948	do	16	--	15	48	23	7	267	26	26	.5	< .4	.2	292	232	528	7.6	17.0	.65	.00
813	Ec	1,921	do	15	--	77	11	22	7	266	29	28	.6	< .4	--	320	238	538	7.5	16.0	.61	.00
2/ 901	Ec	2,350	Aug. 27, 1964	16	2.2	67	12	* 41	--	284	32	28	.4	.0	--	335	216	568	7.3	29.1	1.21	.33
902	Es	372	Sept. 2, 1970	12	--	49	21	720	6	206	840	550	.5	1.5	--	2,300	209	3,400	7.6	87.9	21.77	.00
2/ 906	Es	333	Aug. 26, 1964	14	2.2	133	119	* 324	--	312	996	530	--	3.8	--	2,424	822	3,520	7.1	58.1	7.95	.00
2/ 05-101	Ec	1,550	Aug. 14, 1943	13	.89	64	7.8	27	10	206	40	36	1.0	0	--	299	192	509	7.5	22.2	.85	.00
2/ 703	Eqc	815	Feb. 2, 1928	20	.09	6.8	3.7	173	3.0	356	2.2	90	--	.10	--	473	32	--	--	91.3	13.31	5.20
2/ 103	Eqc	815	Aug. 14, 1945	15	.05	7.8	3.8	175	6.3	354	.7	94	.2	.0	--	480	35	838	8.0	89.8	12.86	5.11
2/ 103	Eqc	815	Aug. 14, 1948	--	--	--	--	--	--	--	--	96	--	--	--	--	--	873	--	--	--	--
2/ 104	Ec	1,700	Aug. 31, 1963	15	.46	80	7.7	28	5.6	255	38	36	.3	.0	.10	333	231	553	6.7	20.4	.80	.00
104	Ec	1,700	Apr. 1969	--	3.2	68	11	30	--	256	24	29	.4	< .4	--	288	214	580	7.7	23.4	.89	.00
104	Ec	1,700	Sept. 22, 1969	16	--	79	11	26	5	259	38	33	.4	< .4	.1	335	242	549	7.8	18.7	.73	.00
104	Ec	1,700	July 14, 1972	15	.46	80	9	28	5	260	38	32	.3	< .4	--	335	236	538	7.4	20.2	.79	.00
107	Eqc	870	Sept. 22, 1969	15	--	8	4	188	4	359	7	105	.5	< .4	--	507	35	849	7.4	91.1	13.79	5.18
2/ 108	Eqc	790	Aug. 5, 1964	16	.17	10	5.1	162	5.0	342	.0	91	.6	.2	.31	457	46	793	7.6	87.7	10.02	4.65
108	Eqc	790	Apr. 22, 1969	--	.06	10	6	162	--	344	< 4	87	.5	< .4	--	438	43	830	8.2	87.0	10.39	4.69
114	Ec	1,275	Sept. 26, 1969	15	--	46	22	123	12	290	89	114	.8	< .4	--	563	205	926	7.7	54.8	3.73	.66
2/ 115	Eqc	208	June 5, 1944	--	.20	--	--	--	--	309	20	83	--	--	--	--	102	--	--	--	--	--
2/ 116	Ec	1,200	do	--	.47	--	--	--	--	248	22	55	--	--	--	--	162	--	--	--	--	--
2/ 117	Ec	1,925	Feb. 20, 1928	20	.52	59	8.5	28	3.5	189	39	34	--	.0	--	285	182	--	--	24.6	.90	.00
201	Ec	1,429	Sept. 26, 1969	13	--	9	4	212	4	453	4	88	.7	< .4	--	556	41	913	7.8	90.9	14.37	6.60
206	Eqc	400	do	12	--	5	3	289	3	530	21	128	.7	< .4	--	721	24	1,192	8.1	95.7	25.64	8.28
2/ 207	Eqc	700	May 18, 1944	--	--	--	--	--	--	442	4	82	--	--	--	--	30	--	--	--	--	--
207	Eqc	700	Sept. 26, 1969	15	--	4	2	205	2	429	4	78	.6	< .4	--	521	19	851	7.9	95.4	20.44	6.66
2/ 208	Eqc	700	May 18, 1944	--	--	--	--	--	--	666	65	171	--	--	--	--	42	--	--	--	--	--
2/ 209	Eqc	600	do	--	--	--	--	--	--	560	15	134	--	--	--	--	30	--	--	--	--	--
211	Ec	1,900	July 30, 1969	16	--	77	10	27	6	265	33	33	.4	< .4	--	332	234	554	7.6	19.4	.76	.00
2/ 301	Eqc	600	May 18, 1944	--	--	--	--	--	--	602	80	107	--	--	--	--	6	--	--	--	--	--

See footnotes at end of table.



ATASCOSA COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SOLIDUM	SAR	RSC
2/ AL-78-05-301	Eqc	600	Aug. 14, 1945	16	0.14	3.7	1.2	373	15	569	94	164	1.0	0.0	--	945	14	169	8.4	96.1	43.38	9.97
304	Ec	1,930	Aug. 14, 1969	16	--	79	10	29	6	257	40	34	.4	< .4	--	340	239	560	7.6	20.2	.81	.00
305	Ec	1,900	Aug. 8, 1969	15	--	56	10	59	7	288	30	38	.6	< .4	--	357	183	595	7.7	40.0	1.89	1.07
2/ 306	Eqc	1,050	June 19, 1932	--	--	5	--	* 249	--	542	1	81	--	.0	--	583	18	--	--	--	--	--
2/ 307	Eqc	900	May 10, 1944	--	.08	--	--	--	--	494	2	93	--	--	--	--	24	--	--	--	--	--
2/ 308	Ec	1,900	do	--	4.4	--	--	--	--	266	36	42	--	--	--	--	204	--	--	--	--	--
2/ 309	Eqc	1,100	do	--	.05	--	--	--	--	564	2	95	--	--	--	--	18	--	--	--	--	--
2/ 405	Ec	1,750	May 9, 1944	--	.14	--	--	--	--	284	36	35	--	--	--	--	207	--	--	--	--	--
407	Ec	1,830	Aug. 8, 1969	15	--	77	8	27	6	246	38	33	.4	< .4	--	325	227	533	7.7	19.8	.77	.00
408	Eqc	1,150	June 19, 1969	15	--	3	1	205	1	422	< 4	87	.5	< .4	--	523	10	880	8.3	97.5	28.24	6.72
409	Eqc	800	Apr. 22, 1969	--	.04	8	4	186	--	365	5	103	.5	< .4	--	485	39	942	8.3	91.7	13.41	5.26
2/ 501	Ec	1,943	May 9, 1944	--	.20	--	--	--	--	278	24	30	--	--	--	--	216	--	--	--	--	--
2/ 502	Ec	1,722	June 19, 1932	--	.69	82	12	* 28	--	268	47	33	--	.0	--	333	254	--	--	19.4	.77	.00
2/ 502	Ec	1,722	May 9, 1944	--	.34	--	--	--	--	268	40	38	--	--	--	--	228	--	--	--	--	--
2/ 601	Eqc	903	May 10, 1944	--	.32	--	--	--	--	474	2	98	--	--	--	--	21	--	--	--	--	--
2/ 603	Eqc	885	Aug. 14, 1945	16	.14	3.7	1.2	373	15	624	94	164	1.0	.0	--	973	14	1,690	8.4	96.0	42.62	9.94
2/ 603	Eqc	885	Aug. 5, 1964	14	.03	2.5	1.0	* 396	--	646	97	168	1.0	.0	--	995	10	1,850	8.2	98.9	54.49	10.39
2/ 604	Eqc	1,000	May 18, 1944	--	--	--	--	--	--	724	140	263	--	--	--	--	--	--	--	--	--	--
605	Ec	2,130	Aug. 8, 1969	16	--	71	10	29	7	270	28	27	.5	< .4	--	321	220	528	7.7	21.6	.85	.02
2/ 606	Eqc	700	May 18, 1944	--	--	--	--	--	--	836	80	376	--	--	--	--	3	--	--	--	--	--
2/ 702	Es	640	do	--	.30	--	--	--	--	461	500	505	--	--	--	--	--	--	--	--	--	--
2/ 703	Eqc	1,500	do	--	--	--	--	--	--	530	2	74	--	--	--	--	12	--	--	--	--	--
2/ 801	Ec	2,060	May 18, 1944	--	--	--	--	--	--	280	22	25	--	--	--	--	180	--	--	--	--	--
2/ 801	Ec	2,060	Aug. 19, 1964	17	.30	60	12	* 41	--	276	26	24	.3	.0	--	315	199	538	6.9	30.9	1.26	.55
2/ 802	Ec	2,993	do	17	.98	65	12	29	8.3	272	29	25	.4	.0	0.13	319	212	541	7.2	22.1	.87	.23
2/ 902	Eqc	1,159	Aug. 25, 1964	16	.05	2.0	.2	* 314	--	580	80	91	.7	.0	--	787	6	1,270	8.2	89.1	59.77	9.39
2/ 06-201	Ec	2,165	July 17, 1956	18	--	64	14	52	10	274	54	43	--	.0	--	389	217	644	7.4	32.9	1.53	.15
2/ 401	Ec	2,010	May 10, 1944	--	2.0	--	--	--	--	302	44	46	--	--	--	--	204	--	--	--	--	--
2/ 403	Es	550	May 18, 1944	--	--	--	--	--	--	422	550	280	--	--	--	--	42	--	--	--	--	--
503	Ec	2,600	Aug. 11, 1969	18	--	57	13	54	10	276	54	32	.6	< .4	--	374	194	606	7.6	36.2	1.68	.65
504	Ec	2,302	June 19, 1969	18	--	26	12	111	9	338	34	36	.5	< .4	.1	412	115	674	7.5	65.5	4.49	3.24
2/ 603	Eqc	--	May 16, 1944	--	.08	--	--	--	--	972	120	605	--	--	--	--	24	--	--	--	--	--
702	Ec	4,000	Oct. 17, 1969	18	--	71	12	50	10	244	84	38	.6	< .4	.2	403	228	657	7.2	31.0	1.44	.00
802	Ec	3,900	do	26	--	8	2	231	4	426	93	66	.7	< .4	--	639	30	1,023	8.0	93.6	18.50	6.39

See footnotes at end of table.

ATASCOSA COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	PERCENT SODIUM	SAF	ASC	
AL-78-06-803	Ec	4,700	Oct. 17, 1969	16	--	56	13	49	10	281	43	28	0.5	< 0.4	--	353	194	580	7.7	34.0	1.53	0.73	
2/ 901	Ec	3,195	July 17, 1956	22	--	19	7.9	128	7.8	349	46	25	--	.0	0.20	427	80	677	7.6	75.6	6.23	4.12	
2/ 903	Ec	3,500	Aug. 19, 1964	21	0.03	22	8.5	124	7.8	350	46	23	.4	.0	.23	424	90	680	7.3	72.9	5.68	3.94	
903	Ec	3,500	Oct. 17, 1969	24	--	11	4	193	5	400	70	46	.7	< .4	--	549	44	870	8.0	89.2	12.63	5.68	
906	Ec	3,035	Oct. 27, 1969	19	--	7	1	177	2	384	50	28	.4	< .4	--	473	23	745	7.9	93.8	16.06	5.84	
2/ 07-701	--	--	May 16, 1944	--	--	--	--	--	--	123	1,400	1,040	--	--	--	--	--	--	--	--	--	--	--
10-302	Ec	1,550	July 5, 1968	13	--	73	14	34	--	273	48	32	.6	< .4	--	346	241	590	7.7	23.5	.95	.00	
302	Ec	1,550	Nov. 3, 1969	12	--	74	13	34	7	272	46	29	.5	< .4	--	349	237	575	7.5	23.3	.97	.00	
305	Ev1	3,500	Nov. 5, 1969	21	--	3	2	590	3	870	219	272	1.8	< .4	--	1,537	14	2,390	8.3	98.6	68.79	14.04	
2/ 602	Ev1	3,710	Apr. 6, 1964	24	.00	2.2	.6	* 660	--	998	169	315	1.7	.5	--	1,660	8	2,690	8.1	99.4	101.51	16.21	
603	Ec	1,840	Nov. 5, 1969	13	--	73	50	315	11	243	550	241	.5	< .4	--	1,372	388	2,020	7.7	63.0	6.95	.00	
606	Ec	1,937	Aug. 13, 1969	17	--	61	12	31	7	240	41	23	.6	< .4	.2	310	203	516	7.6	24.0	.94	.00	
2/ 11-101	Ec	1,869	Aug. 5, 1964	15	.48	72	13	31	7.5	276	44	30	.3	.2	.20	348	233	591	7.3	21.8	.88	.00	
101	Ec	1,869	Oct. 28, 1969	12	.88	74	13	32	7	272	42	29	.5	< .4	--	343	238	570	7.7	22.0	.90	.00	
2/ 105	Ec	1,520	May 11, 1944	--	.08	--	--	--	--	48	130	387	--	--	--	--	--	--	--	--	--	--	--
204	Ec	325	Sept. 2, 1970	19	--	156	73	212	15	346	620	181	.7	< .4	--	1,446	690	1,980	7.4	39.3	9.50	.00	
2/ 205	Ev1	3,575	Aug. 26, 1964	22	--	2.0	.7	* 642	--	944	188	305	1.5	1.5	--	1,627	8	2,610	8.0	99.4	98.75	15.32	
205	Ev1	3,575	Nov. 4, 1969	20	--	3	2	610	3	910	195	302	1.5	< .4	--	1,581	16	2,450	8.3	98.5	66.70	14.58	
207	Ec	1,093	Oct. 28, 1969	13	.86	72	13	36	7	275	47	31	.5	< .4	--	354	236	579	7.7	24.2	1.02	.00	
2/ 301	Ec	2,122	July 18, 1956	16	--	76	12	33	6.9	178	43	33	--	.0	.13	355	238	596	7.4	22.5	.93	.00	
305	Ec	842	Sept. 1, 1970	15	--	332	150	367	16	275	1,260	600	.7	< .4	--	2,828	1,450	3,570	7.2	35.2	4.19	.00	
402	Ec	2,300	Aug. 13, 1969	17	--	67	13	33	8	267	47	24	.6	< .4	--	340	223	552	7.9	23.6	.97	.00	
603	Ec	2,500	do	18	--	59	12	34	9	237	50	26	.6	< .4	--	325	195	520	8.0	26.2	1.05	.00	
604	Ec	2,450	June 18, 1969	17	--	71	13	34	9	273	47	25	.5	< .4	--	350	229	573	7.5	23.3	.96	.00	
703	Ec	413	do	15	--	103	53	373	12	173	620	346	.6	4.5	--	1,611	473	2,420	7.4	62.4	7.45	.00	
2/ 801	Ec	2,150	July 18, 1956	18	--	65	13	31	9.7	271	42	22	--	.0	.13	333	215	533	7.4	22.8	.92	.13	
2/ 12-105	Ec	1,340	May 23, 1944	--	--	--	--	--	--	354	4	68	--	--	--	--	36	--	--	--	--	--	--
2/ 201	Ec	2,075	Aug. 1, 1963	17	.79	72	12	43	9.1	267	55	41	.6	.0	.33	380	229	649	6.8	28.0	1.24	.00	
2/ 205	Ec	489	Aug. 26, 1964	15	1.5	95	44	* 660	--	176	896	550	--	1.0	--	2,347	418	3,570	7.7	77.4	14.04	.00	
2/ 301	Ec	2,150	July 17, 1956	16	--	68	13	40	8.7	270	47	36	--	.0	--	361	222	605	7.4	27.1	1.17	.00	
302	Ec	2,170	Nov. 5, 1969	12	--	71	13	42	8	270	48	40	.6	< .4	--	367	230	602	7.7	27.8	1.21	.00	
501	Ec	2,570	Aug. 13, 1969	13	--	57	16	36	9	266	33	26	.5	< .4	.2	321	208	526	7.7	26.4	1.09	.21	
2/ 701	Ec	2,405	Aug. 18, 1964	19	.03	16	14	60	12	180	56	28	.4	.0	.11	293	98	479	8.2	53.6	2.64	1.00	
2/ 13-202	Ev	148	May 17, 1944	--	--	--	--	--	--	322	2,000	720	--	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

ATASCOSA COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	NITROGEN (N)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROHMOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
2/ AL-78-13-402	Egc	1,314	June 19, 1932	--	--	--	--	* 672	--	781	153	475	--	0.68	--	1,652	9	--	--	--	--	--
2/ 402	Hgc	1,314	May 25, 1944	14	0.08	4.8	1.4	667	4.6	743	152	497	1.7	2.0	--	1,710	18	3,070	8.2	98.4	68.38	11.85
2/ 501	Hgc	1,325	May 17, 1944	--	--	--	--	--	--	971	240	1,120	--	--	--	--	--	--	--	--	--	--
2/ 502	By	285	do	--	--	--	--	--	--	245	2,000	1,580	--	--	--	--	--	--	--	--	--	--
2/ 701	Hs	956	June 19, 1932	21	.10	4.8	2.3	643	14	714	152	460	--	2.5	--	1,680	21	--	--	97.2	59.63	11.37
2/ 701	Es	956	Mar. 9, 1971	16	--	14	7	1,450	8	770	377	1,530	.8	< .4	--	3,810	61	5,350	8.7	97.8	80.49	11.36
2/ 702	Hgc	1,717	Aug. 5, 1964	18	.09	25	.2	264	1.5	504	83	66	.6	.0	0.43	705	7	1,120	8.2	80.8	14.41	7.00
2/ 702	Hgc	1,717	Aug. 31, 1970	18	--	2	3	260	< 1	500	83	66	.5	< .4	--	678	18	1,072	8.3	97.0	26.99	7.85
2/ 703	Hgc	2,183	Nov. 26, 1969	17	--	2	1	349	--	730	72	55	1.0	< .4	.7	854	9	1,350	8.3	99.1	50.56	11.84
2/ 901	Hgc	2,000	Aug. 20, 1964	13	1.0	61	17	* 2,570	--	309	1,360	2,960	--	--	--	7,112	222	11,000	7.6	96.2	75.04	.63
2/ 14-103	Ec	3,053	Nov. 14, 1969	16	--	31	11	76	8	288	37	20	.4	< .4	--	341	122	550	8.0	55.8	3.01	2.29
2/ 201	Es	3,300	do	20	--	6	3	182	3	421	43	29	.6	< .4	--	493	29	765	7.8	92.3	14.71	6.32
2/ 203	Hgc	1,300	May 16, 1944	--	--	--	--	--	--	1,660	140	1,040	--	--	--	--	--	--	--	--	--	--
2/ 302	Ec	3,400	Nov. 14, 1969	19	--	8	3	149	4	337	47	28	.4	< .4	--	424	34	683	8.5	89.3	11.13	5.00
2/ 401	Hgc	1,600	May 16, 1944	--	--	--	--	--	--	598	120	194	--	--	--	--	30	--	--	--	--	--
2/ 402	Hgc	1,698	May 17, 1944	--	--	--	--	--	--	1,260	120	475	--	--	--	--	24	--	--	--	--	--
2/ 701	Ec	3,600	May 25, 1944	14	.02	3.1	.8	* 820	--	1,360	129	322	3.4	1.8	--	1,963	11	--	8.3	99.4	107.55	23.68
2/ 801	Ec	3,992	Mar. 14, 1951	30	.19	3.6	.7	244	2.0	504	65	44	.6	.0	--	636	12	1,010	8.1	97.3	30.63	8.03
2/ 802	Ec	3,663	Nov. 7, 1969	21	--	4	1	192	2	354	88	40	.5	< .4	--	522	15	810	8.0	96.0	21.53	5.50
2/ 15-301	Ec	4,800	Aug. 6, 1964	33	.03	3.0	.6	234	3.0	496	37	54	.4	.0	.34	608	10	973	8.1	97.3	32.19	7.93
2/ 504	Ec	4,326	Aug. 26, 1963	33	--	3.0	.1	* 216	--	468	46	32	.6	.0	--	559	8	969	7.6	98.3	33.23	7.52
2/ 504	Ec	4,326	Nov. 7, 1969	29	--	2	2	217	2	450	52	53	.6	< .4	--	578	15	922	8.0	96.4	24.40	7.08
2/ 505	Ec	3,850	do	26	--	4	1	299	2	680	30	55	.9	< .4	--	751	15	1,165	8.2	97.4	33.54	10.88
2/ 601	Uj	185	Aug. 20, 1964	20	153	730	48	* 778	--	434	1,840	1,020	--	2.0	--	4,651	2,020	6,020	6.2	45.6	7.53	.00
2/ 804	Uj	765	May 23, 1944	--	--	--	--	--	--	976	20	740	--	--	--	--	--	--	--	--	--	--
2/ 805	Ec	4,359	June 24, 1968	29	.45	2	.5	235	--	451	15	35	.4	.7	--	538	7	955	8.68	98.6	38.63	8.89
2/ 805	Ec	4,359	Nov. 13, 1969	30	.16	2	2	225	2	438	65	60	.6	< .4	--	601	12	950	7.8	97.1	28.26	6.94
2/ 18-201	Es	480	June 19, 1932	--	--	9	--	* 639	--	326	547	412	--	2.7	--	1,699	28	--	--	98	53	4.75
2/ 201	Es	480	Aug. 31, 1970	13	--	11	7	530	< 1	306	436	365	.6	< .4	--	1,533	57	2,400	7.6	95.3	30.79	3.89
2/ 202	Es	350	May 11, 1944	--	.25	--	--	--	--	225	550	472	--	--	--	--	--	--	--	--	--	--
2/ 301	Ec	2,400	May 5, 1964	17	.00	52	10	42	8.3	265	38	13	.5	.0	.05	310	170	517	7.5	33.6	1.40	.94
2/ 601	Ec	2,507	Aug. 18, 1964	19	.35	25	9.4	88	6.2	236	45	15	.3	.0	.15	348	101	560	7.3	63.7	3.81	2.67
2/ 601	Ec	2,507	Aug. 6, 1969	19	--	25	9	91	6	287	47	16	.6	< .4	--	354	99	352	7.9	65.1	3.99	2.72
2/ 602	Ec	2,495	Aug. 5, 1969	19	--	4	1	209	2	339	106	60	.5	< .4	--	568	15	895	8.2	96.3	23.47	5.26

See footnotes at end of table.

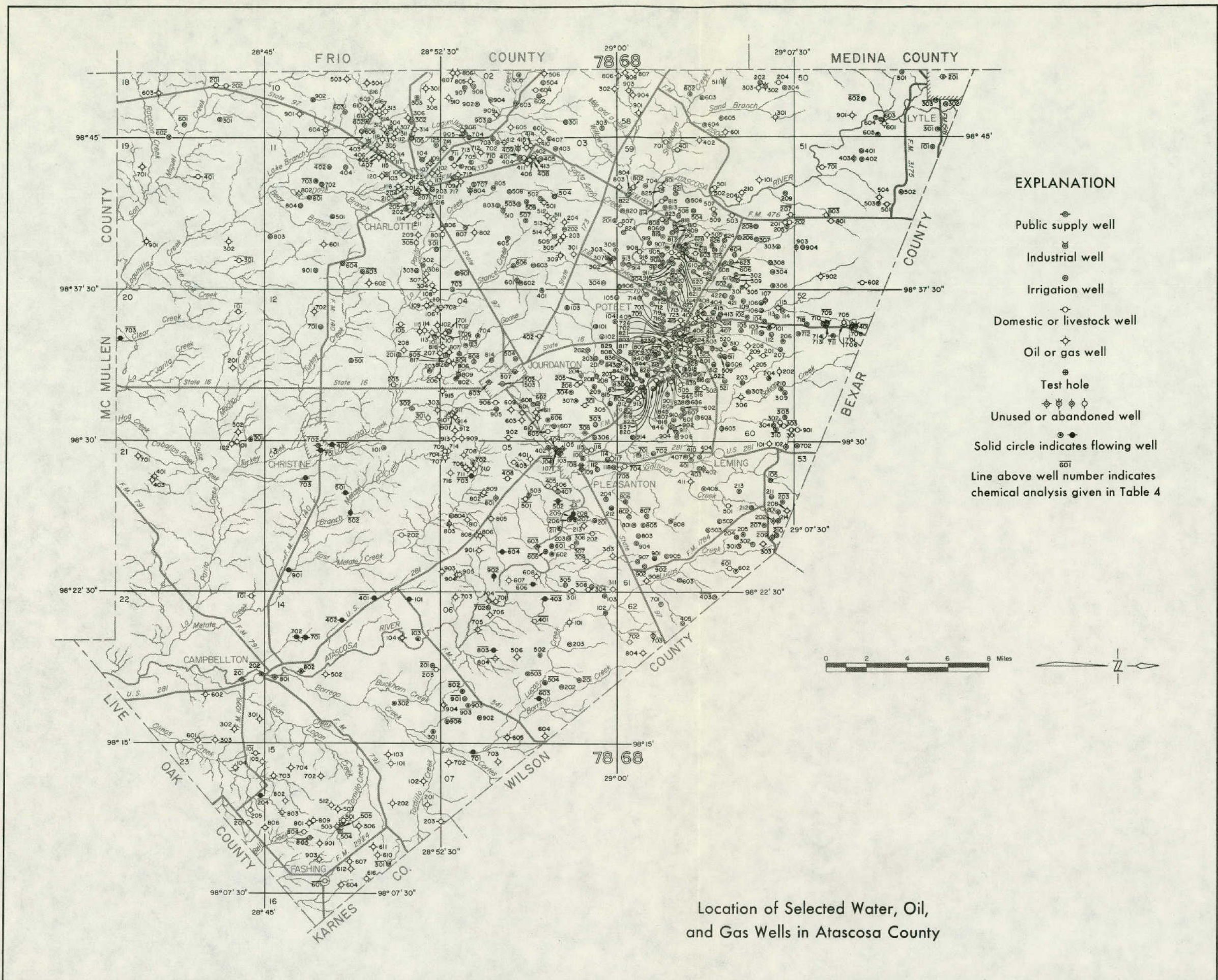
ATASCOSA COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROHMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
2/ AL-78-19-301	Egc	1,560	Aug. 18, 1964	17	0.20	2.8	0.5	* 245	--	416	93	73	0.5	0.0	--	635	9	1,030	8.2	98.3	35.53	6.64
2/ 401	Egc	1,012	June 3, 1944	--	.10	--	--	--	--	618	220	1,320	--	--	--	--	129	--	--	--	--	--
2/ 20-101	Ec	2,794	Apr. 9, 1964	22	--	13	6.7	108	5.2	280	47	17	.4	.0	0.08	356	60	577	7.5	77.9	6.07	3.39
301	Ec	2,975	Aug. 12, 1969	21	--	22	10	88	7	273	48	19	.5	< .4	.1	349	97	560	7.9	64.4	3.89	2.54
2/ 703	Egc	2,185	Mar. 3, 1959	22	--	2.2	.4	* 284	--	752	106	79	1.0	.0	--	963	7	1,540	8.5	99.2	63.12	12.21
2/ 703	Egc	2,185	Aug. 27, 1964	20	.05	2.2	.1	* 385	--	760	102	79	.8	.0	--	961	6	1,540	8.3	99.3	66.38	12.35
22-201	Ec	4,015	Nov. 7, 1969	27	--	3	1	233	2	476	52	48	.5	< .4	--	600	12	927	7.9	97.3	29.84	7.57
201	Ec	4,015	July 14, 1972	28	--	3	2	228	2	484	67	49	.6	< .4	.3	600	16	900	8.2	96.5	24.96	7.63
202	Ec	4,132	Nov. 7, 1968	25	.06	3	1	253	2	550	51	43	.8	< .4	--	648	13	1,070	8.3	97.3	30.56	8.72
2/ 23-101	Ec	4,200	May 17, 1944	--	.05	--	--	--	--	564	28	64	--	--	--	--	--	--	--	--	--	--
2/ 101	Ec	4,200	May 25, 1944	31	.02	3.8	.8	289	--	628	35	63	.6	.0	--	732	13	1,250	8.2	98.0	34.86	10.05
2/ 101	Ec	4,200	July 17, 1944	33	--	2.2	.1	224	2.4	434	59	60	--	.2	--	594	6	984	8.1	89.3	13.07	6.01
2/ 201	Ej	175	Aug. 18, 1958	50	4.00	238	17	* 791	--	324	1,220	600	--	1.0	--	3,076	664	4,390	7.8	72.2	13.35	.00
3/ 204	Ec	4,169	May 17, 1964	--	2.0	--	--	--	--	710	16	68	--	--	--	--	--	--	--	--	--	--
2/ 204	Ec	4,169	May 24, 1955	32	.02	3.3	.4	312	--	686	17	74	1.0	.0	--	777	10	--	8.1	98.6	44.03	11.07

\* Sodium and potassium calculated as sodium (Na).  
 1/ Includes the equivalent of any carbonate (CO<sub>3</sub>) present.  
 2/ Analyses by U.S. Geological Survey Laboratory





- EXPLANATION**
- Public supply well
  - ⊥ Industrial well
  - ⊓ Irrigation well
  - ⊕ Domestic or livestock well
  - ◇ Oil or gas well
  - ⊕ Test hole
  - ⊓ Unused or abandoned well
  - Solid circle indicates flowing well
  - 601 Line above well number indicates chemical analysis given in Table 4

Location of Selected Water, Oil, and Gas Wells in Atascosa County





BEAR COUNTY (SOUTHERN PART)

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in remarks column.

Water level : Reported water levels given in feet; measured water levels given to the nearest tenth or hundredth of a foot.

Method of lift and

Type of power : A, airlift; C, cylinder; Cf, centrifugal; E, electric; G, gasoline, butane, or Diesel engine; H, hand; J, jet; M, none; Ng, natural gas; T, turbine; W, windmill. Number indicates horsepower.

Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.

Water-bearing unit: Kes, Edwards and associated limestones; Ewi, Wilcox Group; Ec, Carrizo Sand; Ee, Reklaw Formation; Epc, Queen City Sand; Ew, Waches Formation; Eb, Elford Formation; Rep, El Paso Clay; Es, Sparta Sand; E1, Laredo Formation; Eca, Cook Mountain Formation; Ey, Yegua Formation; Ej, Jackson Group; Mc, Catehoula Tuff; Mo, Oakville Sandstone; Mi, Lagarto Clay; Qt, terrace gravel; Qal, alluvium.

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
AY-68-38-901	Walter Floch	F. Ashley Well Drilling and Service	1963	90	5	80	Ewi	560	--	--	Sub, E	P	Slotted from 80 to 90 ft. Gravel packed. <u>Y</u>
45-501	Southton Oil Co.	--	--	--	--	--	Ewi	500	--	--	Sub, E	Ind	Water used to repressure oil field.
502	Wood Industries	Pursley Water Wells	1967	100	4	100	Ewi	520	51	June 17, 1967	Sub, E 2	Ind	Slotted from 33 to 53 ft and 74 to 100 ft. Development test yielded 60 gpm. Temp. 77°F. <u>Y</u>
901	City Public Service Board	--	1962	2,496	8	2,492	Ken	510	--	--	N	N	<u>Z</u>
902	Cifton C. Crumbles	Adcock Pipe and Supply	1967	478	7	417	Ewi	500	89	Feb. 13, 1967	Sub, E	Irr	Perforated from 305 to 417 ft. Open hole from 417 to 478 ft. <u>Y</u>
903	City Public Service Board	do	1964	360	8	360	Ewi	509	51 48.9	Aug. 20, 1964 Feb. 6, 1970	N	N	Perforated from 189 to 360 ft. Gravel packed. <u>Y</u>
46-301	John L. Jenkins	T. and B. Water Well Drilling Co.	1965	200	4	200	Ewi	579	75	June 15, 1965	Sub, E 3/4	P	Perforated from 160 to 200 ft. Cemented from 128 to 132 ft. Gravel packed. <u>Y</u>
302	T. A. Partum	Pursley Water Wells	1965	258	5	258	Ewi	605	178.70 154.67	Aug. 11, 1970 Feb. 29, 1972	Sub, E 2	P	Slotted from 178 to 258 ft. Cemented from 178 ft to surface. Observation well. <u>Y</u>
303	do	do	1965	343	5	343	Ewi	605	--	--	Sub, E 2	P	Slotted from 263 to 343 ft. Cemented from 263 ft to surface. Temp. 74°F.
304	do	do	1965	345	7	345	Ewi	605	--	--	Sub, E 7-1/2	P	Slotted from 257 to 345 ft. Cemented from 257 ft to surface.
701	Alamo Clay Producer	do	1967	401	7	401	Ewi	505	--	--	Sub, E 3/4	P, Ind	Slotted from 280 to 310 ft and 343 to 401 ft. Cemented from 260 ft to surface. Pump set at 147 ft. Temp. 77°F. <u>Y</u>
702	City of Elmendorf	H. and S. Water Well Service	1970	500	8	500	Ewi	499	61.89 58.05	Aug. 10, 1970 Feb. 29, 1972	Sub, E 20	P	Slotted from 230 to 300 ft. Cemented from 400 ft to surface. Pump set at 200 ft. Reported yield 150 gpm. Development test: Drawdown of 35 ft while pumping 200 gpm. Temp. 84°F. Observation well. <u>Z</u> <u>Z</u>
47-603	Glenwood Warncke	T. and B. Water Well Drilling Co.	1967	356	4	356	Ewi	630	173	Dec. 3, 1967	Sub, E 3	Ind	Water used to repressure oil field. Perforated from 136 to 236 ft. Gravel packed. Pump set at 273 ft. Reported yield of 30 gpm. <u>Y</u>
52-605	Twin Valley Terrace	Adcock Pipe and Supply	1966	408	7	408	Ewi	715	196	Feb. 12, 1966	Sub, E 1-1/2	P	Perforated from 318 to 408 ft. Gravel packed. Development test: Drawdown of 182 ft while pumping 200 gpm for 4-1/2 hours on Feb. 12, 1966. Temp. 72°F. <u>Y</u>
406	Kings Point	do	1969	397	12 7	50 397	Ewi	712	134	May 5, 1969	Sub, E 1/2	P	Perforated from 299 to 397 ft. Cemented from 50 ft to surface. Gravel packed. Development test: Drawdown of 94 ft while pumping 15 gpm for 4 hours on May 5, 1969. Temp. 70°F. <u>Y</u>
53-101	W. R. Fox	Pursley Water Wells	1967	435	7 4	333 435	Ewi	555	103.90 103.97	Aug. 10, 1970 Feb. 29, 1972	T, E	P	Screened from 332 to 435 ft. Cemented from 323 ft to surface. Pump set at 300 ft. Development test: Drawdown of 90 ft while pumping 200 gpm on Aug. 17, 1967. Observation well. <u>Y</u> <u>Y</u>
102	Bear County Water Control and Improvement District	do	1968	435	7 4	333 435	Ewi	555	104.3	Aug. 10, 1970	N	N	Screened from 332 to 435 ft. Cemented from 323 ft to surface.
201	Clyde E. Carpenter	Geotech Drilling Co.	1966	314	7 5	195 314	Ewi	512	--	--	Sub, E 5	S, Irr	Gravel packed. Pump set at 170 ft. Development test: Drawdown of 90 ft while pumping 120 gpm on Nov. 14, 1966. <u>Y</u>

See footnotes at end of table.

BEAR COUNTY (SOUTHERN PART)

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASTING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (In.)	DEPTH (ft.)			BLOW LAMP SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* 44-68-93-301	City Public Service Board	--	--	--	--	--	Bwi	530	--	--	T, R 5	P	Temp. 70°F.
402	Raul Uriegas	Ted Luna	1966	265	5	265	Bwi	600	--	--	Sub, E 3/4	D, S	Perforated from 259 to 265 ft. Temp. 80°F.
403	Wright Brothers Dairy	Pursley Water Wells	1967	747	10 7	340 747	Bwi	590	--	--	T, G 75	Irr	Slotted from 340 to 747 ft. Gravel packed. Pump set at 300 ft. Development test yielded 700 gpm.
404	do	do	--	747	12 7	340 747	Bwi	582	51.29 128.33	Jan. 30, 1970 Feb. 29, 1972	T, G 75	Irr	Deepened from 340 to 747 ft. in Oct. 1967. Slotted from 340 to 747 ft. Gravel packed. Pump set at 300 ft. Development test yielded 700 gpm. Observation well. <u>1</u> <u>2</u>
405	E. Espuy	Monte Higdon Water Well Drilling	1969	733	20 12	312 733	Bwi	635	90	1969	T, C 150	Ind	Gravel packed. Pump set at 360 ft. Development test: Drawdown of 400 ft while pumping 1,440 gpm for 2 hours in 1969. <u>1</u>
701	James Baird	Walter Cook	1916	171	4	100	Bc	570	98.79 125.24	July 5, 1946 Feb. 29, 1972	N	N	Well Q-4 in Texas Board of Water Engineers Bulletin 5608. Observation well. <u>3</u>
803	Conley Farms	Katy Drilling Co.	1968	503	12	503	Bc	555	--	--	T, G 50	Irr	Slotted from 285 to 503 ft. Gravel packed. Reported yield of 600 gpm. Development test: Drawdown of 25 ft while pumping 2,000 gpm for 2 hours on Aug. 11, 1968. <u>1</u>
804	A. J. Jasik	Olaf L. Bourne	1967	580	12	580	Bc	535	--	--	T, G 115	Irr	Slotted from 370 to 580 ft. Gravel packed. Pump set at 200 ft. Reported yield of 900 gpm. Development test yielded 1,800 gpm. Temp. 76°F.
805	Jack Brown	Moy's Water Well Drilling	1969	214	7	214	Bc	535	106.84 119.32	Jan. 13, 1970 Feb. 29, 1972	Sub, R 1/2	D, S	Slotted from 184 to 214 ft. Gravel packed. Temp. 74°F. Observation well. <u>1</u> <u>2</u>
806	do	do	1967	486	12	486	Bc	570	--	--	T, G 220	Irr	Slotted from 286 to 486 ft. Gravel packed. Pump set at 200 ft. Reported yield of 1,260 gpm. Development test: Drawdown of 78 ft while pumping 2,420 gpm on Feb. 28, 1967.
807	do	do	1969	570	12	570	Bc	575	--	--	T, G 220	Irr	Slotted from 370 to 570 ft. Gravel packed. Pump set at 260 ft. Reported yield of 1,260 gpm. Development test: Drawdown of 78 ft while pumping 2,420 gpm.
903	Leo Jasik	do	1968	814	12	550	Bc	545	140.7	Mar. 14, 1969	N	N	Slotted from 350 to 550 ft. Gravel packed. Development test yielded 2,300 gpm. <u>1</u>
904	Jack Brown	Olaf L. Bourne	1964	570	12	570	Bc	550	--	--	T, C 316	Irr	Slotted from 370 to 570 ft. Gravel packed. Pump set at 300 ft. Reported yield of 1,200 gpm.
905	do	Moy's Water Well Drilling	1967	572	12	572	Bc	616	--	--	T, C 220	Irr	Slotted from 372 to 572 ft. Gravel packed. Pump set at 260 ft. Reported yield of 1,200 gpm. Development test: Drawdown of 56 ft while pumping 2,200 gpm on Feb. 28, 1967. <u>1</u>
906	Jack Brown	Moy's Water Well Drilling	1969	276	7	276	Bc	565	209.40 206.65	Sept. 2, 1969 Mar. 17, 1970	Sub, R 1/2	D, S	Slotted from 266 to 276 ft. Gravel packed. Temp. 75°F. Observation well. <u>1</u> <u>2</u>
54-402	T. H. Baker	--	1964	265	12	265	Bc	435	33.56	Apr. 3, 1970	T, C 75	Irr	Slotted. Gravel packed. Reported yield of 900 gpm. Observation well. <u>3</u>

\* For chemical analyses of water, see Table 4.  
1 Drillers' log in files of Texas Water Development Board.  
2 Mechanical logs in files of the Texas Water Development Board.  
3 For water-level measurements from observation wells, see Table 3.  
4 Transmissibilities estimated from specific capacities, Water Garden Area of Texas, see Table 3, Volume I.



## BEXAR COUNTY (SOUTHERN PART)

**Table 2.—Selected Oil, Gas, and Stratigraphic Tests**

Type Log: D, Drillers'; E, Electric; R, Radioactive; S, Sample.  
Logs in Texas Water Development Board files

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
AY-68-43-704	Bur-Kan Petroleum Co., et al.	Lee Hubbard No. 1	1948	5,140	700	E
44-601	Hillsman and Greenburg	— Russell No. 1	1956	1,480	563	E
45-303	Anderson-Prichard Oil Corp.	E. H. Yturri No. 2	1948	1,550	580	E
503	Southton Oil Co.	San Antonio Cotton Mill No. 22	1961	2,007	500	E
801	Karl Arnold	C. A. Goeth	—	—	530	E
52-301	C. E. McCaughey	R. W. DeVilbiss No. 1	1948	2,555	582	E
53-103	J. A. Tarver	F. Lamm No. 1	1930	1,581	517	E
202	H. & J. Drilling Co.	George D. Wright No. 1	—	—	525	E
601	W. W. Lynch	W. Whitt No. 1	1966	1,815	545	E
602	F. M. Frasher- P. G. Northrup, et al.	W. I. Whitt No. 1	1949	3,109	543	E
54-101	Star Oil Co.	J. J. Leap No. 1	1949	3,020	472	E
207	C. O. Hagan	Charles J. Griesenbeck No. 1	1954	2,850	484	E
405	—	Esperanza Ranch No. 1	—	3,490	571	E
61-215	H. & J. Drilling Co. and Wilson Brothers Oil Co.	Annie Chapaty No. 1	—	—	535	E

# BEXAR COUNTY (SOUTHERN PART)

## Table 3.—Water Levels in Selected Wells

Water-level measurements, in feet, above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well AY-68-46-302</b>		<b>Well AY-68-53-701—Continued</b>		<b>Well AY-68-53-701—Continued</b>	
Owner: T. A. Parham		June 25, 1952	101.70	May 18, 1961	112.74
Aug. 11, 1970	178.70	Sept. 25, 1952	101.71	Feb. 15, 1962	114.25
Apr. 9, 1971	172.60	Apr. 21, 1953	102.41	Jan. 24, 1964	115.70
Feb. 29, 1972	154.67	Aug. 5, 1953	102.58	Jan. 28, 1965	116.84
<b>Well AY-68-46-702</b>		Nov. 11, 1953	102.70	Mar. 14, 1965	117.02
Owner: City of Elmendorf		Feb. 18, 1954	102.98	Mar. 6, 1967	116.60
Aug. 10, 1970	61.89	June 9, 1954	103.42	May 7, 1968	122.34
Apr. 9, 1971	61.13	Sept. 15, 1954	103.61	Feb. 6, 1969	121.25
Feb. 29, 1972	58.05	Dec. 22, 1954	103.94	Jan. 13, 1970	123.05
<b>Well AY-68-53-101</b>		Mar. 15, 1955	104.27	Mar. 17, 1970	123.47
Owner: W. R. Fox		June 10, 1955	104.63	Apr. 2, 1971	128.43
Aug. 10, 1970	103.90	Sept. 21, 1955	104.86	Feb. 29, 1972	125.24
Apr. 2, 1971	102.93	Dec. 13, 1955	105.21	<b>Well AY-68-53-805</b>	
Feb. 29, 1972	103.97	Mar. 21, 1956	105.66	Owner: Jack Brown	
<b>Well AY-68-53-404</b>		June 20, 1956	106.00	Jan. 13, 1970	106.84
Owner: Wright Brothers Dairy		Sept. 12, 1956	106.39	Mar. 17, 1970	107.63
Jan. 30, 1970	51.29	July 17, 1958	109.37	Apr. 2, 1971	112.93
Aug. 10, 1970	131.90	Oct. 15, 1958	109.65	Feb. 29, 1972	119.32
Apr. 9, 1971	166.93	Feb. 5, 1959	109.41	<b>Well AY-68-53-906</b>	
Feb. 29, 1972	128.33	May 20, 1959	109.97	Owner: Jack Brown	
<b>Well AY-68-53-701</b>		Aug. 12, 1959	110.07	Sept. 2, 1969	209.40
Owner: James Baird		Nov. 23, 1959	110.48	Mar. 17, 1970	206.65
July 5, 1946	98.79	Feb. 23, 1960	110.70	<b>Well AY-68-54-402</b>	
June 28, 1951	100.89	May 12, 1960	111.35	Owner: T. H. Baker	
Sept. 27, 1951	101.10	Aug. 11, 1960	111.31	Apr. 3, 1970	33.56
Feb. 29, 1952	101.38	Nov. 14, 1960	110.56		
		Jan. 25, 1961	111.56		
		Feb. 15, 1961	112.28		

BEJAR COUNTY (SOUTHERN PART)

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Ken, Edwards and associated limestones; Ew1, Wilcox Group; Ec, Carrizo Sand; Er, Reklaw Formation; Eqc, Queen City Sand; Ew, Weches Formation; Eb, Bigford Formation; Eep, El Pico Clay; Es, Sparta Sand; El, Laredo Formation; Ecm, Cook Mountain Formation; Ey, Yegus Formation; Ej, Jackson Group; Ms, Catahoula Tuff; Mo, Oakville Sandstone; Ml, Legarto Clay; Qt, terrace gravel; Qal, alluvium.

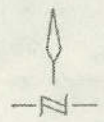
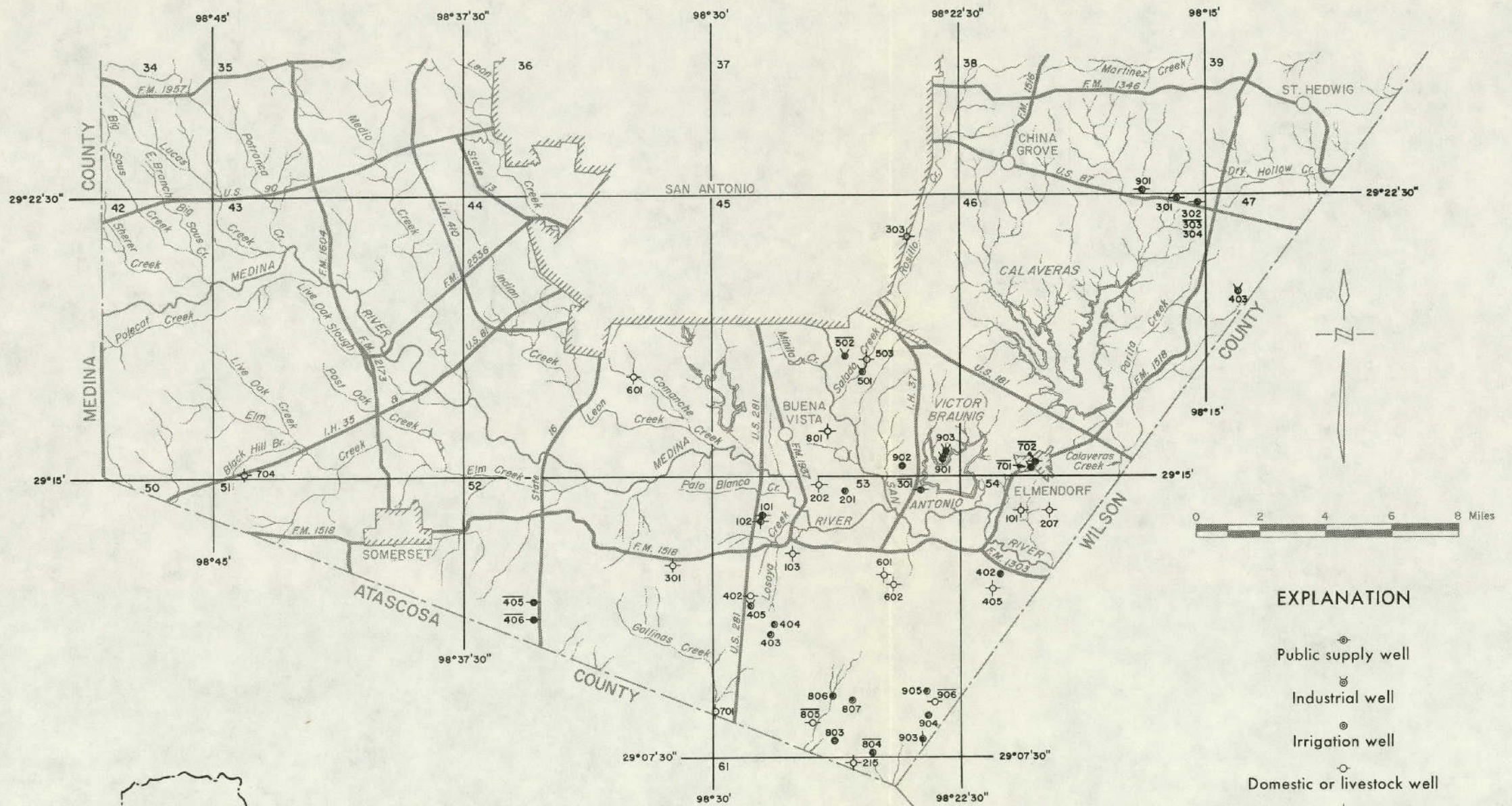
Dissolved solids : The bicarbonate "reported" is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.

Analyses by Texas State Department of Health unless indicated by footnote.

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
AY-68-65-502	Ew1	100	Feb. 10, 1970	21	--	130	15	57	2	479	35	45	0.5	17	--	557	387	890	7.4	24.2	1.27	0.00
46-303	Ew1	343	do	35	4.70	60	9	39	7	163	20	90	.4	< .4	--	360	186	573	7.5	30.5	1.25	.00
701	Ewi	401	Sept. 2, 1969	19	1.08	107	39	213	7	254	408	183	.9	< .4	--	1,101	430	1,640	7.4	51.3	4.46	.00
702	Ewf	500	Aug. 10, 1970	21	.34	84	27	213	6	292	328	157	.8	< .4	--	979	320	1,490	7.9	58.6	5.18	.00
52-405	Ew1	408	Feb. 10, 1970	20	1.30	70	21	46	10	289	49	62	1.1	< .4	--	420	262	685	7.4	26.9	1.25	.00
406	Ew1	397	do	30	.04	67	5	22	4	181	20	37	.1	4.5	--	272	174	433	7.4	21.0	.72	.00
53-301	Ew1	--	Feb. 9, 1970	15	.42	72	37	294	9	281	467	213	.4	< .4	--	1,230	332	1,800	7.8	65.1	7.02	.00
804	Ec	580	Sept. 4, 1959	25	--	16	4	22	6	24	29	42	< .1	< .4	< 0.1	156	58	255	6.3	42.2	1.25	.00
804	Ec	580	July 13, 1972	10	--	16	5	22	8	34	24	47	< .1	< .4	--	149	63	264	6.4	39.3	1.19	.00
805	Ec	214	Jan. 13, 1970	25	--	32	4	23	4	84	12	47	.2	< .4	--	189	95	327	6.7	33.1	1.02	.00
906	Ec	276	do	25	--	12	4	17	4	35	16	32	.1	< .4	--	128	46	211	6.3	42.0	1.09	.00

1/ Includes the equivalent of any carbonate (CO<sub>3</sub>) present.

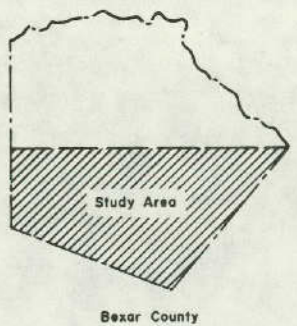




**EXPLANATION**

- ⊙ Public supply well
- ⊙ Industrial well
- ⊙ Irrigation well
- ⊙ Domestic or livestock well
- ⊙ Oil or gas well
- ⊙ Test hole
- ⊙ Unused or abandoned well
- Solid circle indicates flowing well
- Line above well number indicates chemical analysis given in Table 4

Note: This county is within 1° quadrangle No. 68



Location of Selected Water, Oil, and Gas Wells in Southern Bexar County





## CALDWELL COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in remarks column.

Water level : Reported water levels given in feet; measured water levels given to the nearest tenth or hundredth of a foot.

Method of lift and

type of power : A, airlift; C, cylinder; Cf, centrifugal; E, electric; G, gasoline, butane, or Diesel engine; H, hand; J, jet; N, none; Ng, natural gas; T, turbine; W, windmill. Number indicates horsepower.

Use of water : D, domestic; Ind, industrial; Irr, irrigation; M, none; P, public supply; S, livestock.

Water-bearing unit: Ks, Edwards and associates limestone; Ew, Wilcox Group; Cc, Carrizo Sand; Ec, Eckles Formation; Pq, Queen City Sand; Ws, Weches Formation; Eb, Bigford Formation; Sep, El Pico Clay; Ss, Sparta Sand; Ll, Laredo Formation; Km, Cook Mountain Formation; Ey, Yegua Formation; KJ, Jackson Group; Mo, Gatchoula Tuff; No, Oakville Sandstone; Mi, Lagarto Clay; Qc, terrace gravel; Qal, alluvium.

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* BU-58-60-703	Mrs. -- Edwards	-- Crosswrite	1910	49	210	--	Ew1	588	47.39	Feb. 27, 1946	N	N	Dug well, curbed with concrete. Temp. 63°F. <u>4</u>
* 704	Lytton Springs Park Association	L. Glasscock	--	18	210	--	Ew1	588	16.91	Feb. 26, 1946	N	N	Abandoned. Dug well. Temp. 59°F. <u>4</u>
* 705	John E. Coopwood	--	1870	47	33	--	Ew1	600	39.5 46.8	June 11, 1946 Jan. 9, 1964	J, E	D, S	Dug well, curbed with rock. Temp. 73°F. <u>4</u>
* 706	Alton Gomillion	A. Gomillion	1946	26	30	23	Ew1	555	13.15 22.5	June 11, 1946 Jan. 9, 1964	N	N	Dug well, curbed with concrete rings. Temp. 73°F. <u>4</u>
* 707	Joe Cheatham	Lockhart Welding Service	1963	150	4	84	Ew1	600	44.00	May 10, 1963	J, E	D	Slotted from 75 to 84 ft. Open hole from 84 to 150 ft. <u>3</u> <u>4</u>
67-02-502	J. A. Pfeiffer	--	1925	14	42	5	Qt	610	7.90 10.27	Oct. 24, 1963 Apr. 18, 1972	Cf	Irr	Dug well, curbed with rock. Reported yield of 500 gpm. Observation well. <u>3</u> <u>4</u>
* 503	Herbert Seeliger	--	--	29	42	14	Qt	655	16.80 26.30	June 13, 1946 Oct. 24, 1963	J, E	D, S	Dug well, curbed to 12 ft. Temp. 72°F. <u>4</u>
* 507	Mrs. R. C. Rose	--	1914	21	36	--	Qt	622	8.48 17.28	June 12, 1946 Nov. 5, 1963	C, E	D, S	Dug well, curbed with brick. Temp. 70°F. <u>4</u>
* 601	J. A. Pfeiffer	--	1910	19	42	5	Qt	632	8.7 15.9	June 12, 1946 Oct. 24, 1963	C, E	D, S	Dug well, curbed with rock. Temp. 71°F. <u>4</u>
* 602	Alvin Simon	--	1921	21	44	--	Qt	600	7.51 16.90	June 12, 1946 Oct. 24, 1963	J, E	D, S	Dug well. Temp. 72°F. <u>4</u>
* 603	Mrs. W. C. Blanke	--	1920	35	42	6	Qt	607	22.4 31.5	June 13, 1946 Nov. 4, 1963	N	N	Dug well; curbed with rock. Temp. 73°F. <u>4</u>
* 704	T. C. Langham	--	1916	31	69	--	Qt	560	12.7 18.8	Mar. 28, 1946 Nov. 7, 1963	J, E	D, S	Dug well, curbed with brick. Temp. 70°F. <u>4</u>
* 705	C. C. Pehlis	C. C. Pehlis	1895	22	45	13	Qal	560	11.27 17.2	Mar. 28, 1946 Nov. 7, 1963	J, E	D, S	Dug well, curbed with concrete. Temp. 69°F. <u>4</u>
* 706	J. T. Ellis	R. S. Reed	1896	25	42	6	Qal	560	18.30	Mar. 28, 1946	J, E	D, S	Dug well, curbed with brick. Temp. 66°F. <u>4</u>
* 801	Best Brothers	-- Bohawk	1916	22	148 80	20	Qt	614	12.42 19.9	Feb. 24, 1946 Apr. 24, 1964	Cf, E 15	P	Dug well, curbed with brick and concrete. Temp. 67°F. <u>4</u>
* 902	G. Norman Martindale	--	--	25	48	15	Qt	580	16.36 20.18	Mar. 28, 1946 Nov. 4, 1963	J, E	D, S	Dug well, curbed with brick. Temp. 69°F. <u>4</u>
* 905	E. E. Pehlis	--	--	24	40	6	Qt	592	4.34 12.9	Mar. 29, 1946 June 20, 1964	C, E	D, S	Do.
* 03-301	Pat G. King	--	--	20	42	--	Ew1	520	3.09 10.8	June 11, 1946 Jan. 9, 1964	J, E	S	Dug well, curbed with brick. Temp. 71°F. <u>4</u>
* 303	do	--	--	67	42	--	Ew1	595	46.72 47.9	June 11, 1946 Jan. 9, 1964	C, W	S	Dug well, curbed with rock. Temp. 75°F. <u>4</u>
* 304	Ben Forister	--	1941	72	33	--	Ew1	590	60.04	Feb. 27, 1946	J, E	D, S	Dug well, curbed with concrete. Temp. 71°F. <u>4</u>
* 401	A. J. Balser	--	--	14	36	6	Qt	580	4.8 9.7	June 12, 1946 Nov. 5, 1963	J, E	D, S	Dug well, curbed with rock. Temp. 78°F. <u>4</u>
* 402	Bruno Schneider	--	--	30	42	29	Qt	580	8.5 13.52	June 12, 1946 Nov. 5, 1963	H	D, S	Dug well, curbed with rock. Temp. 71°F. <u>4</u>
* 601	C. C. Chapman	--	--	49	30	20	Ew1	535	44.48	Apr. 12, 1946	J, R	D, S	Dug well, curbed with brick. Temp. 71°F. <u>4</u>

See footnotes at end of table.

CALDWELL COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING ONLY	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* 80-67-03-602	J. C. Taylor	--	--	35	36	--	Flow	540	29.61 25.31	June 11, 1946 Jan. 8, 1964	N	N	Dug well. Temp. 73°F. <i>g</i>
* 603	James Cardwell	--	1925	28	42	--	Flow	530	21.4 21.4	June 11, 1946 Jan. 8, 1964	J, E	D, S	Dug well, curbed with brick. <i>g</i>
* 703	Edwin Ahlhardt	--	--	25	30	24	Qt	591	22.94 25.38	Jan. 24, 1946 Apr. 18, 1972	C, W	D, S	Dug well, cased with culvert pipe. Temp. 67°F. Observation well. <i>g</i>
* 705	A. W. Jolley Estate	--	1896	23	36	--	Qt	566	15.5 24.29	May 8, 1943 Nov. 6, 1963	J, E	D, S	Dug well, curbed with brick. Temp. 71°F. Historical observation well. <i>g</i>
* 706	E. R. Strandman	--	--	23	44	6	Qt	555	17.00 19.78	Jan. 25, 1946 Apr. 18, 1972	C, W	D, S	Dug well, curbed with brick. Temp. 72°F. Observation well. <i>g</i>
* 707	Bruce Bowers	--	--	23	36	3	Qt	577	16.0 20.3	May 8, 1943 Apr. 24, 1964	C, W	D, S	Dug well, curbed with rock. Temp. 71°F. <i>g</i>
* 708	dn	--	--	16	37	6	Qt	571	21.93	Jan. 24, 1946	H	D	Dug well, curbed. Temp. 66°F. <i>g</i>
* 709	Mrs. Lawrence Horn	--	--	17	42	--	Qt	579	14.51	do.	N	N	Dug well, curbed with rock. Temp. 71°F. <i>g</i>
* 711	A. B. Schaeffer	--	1880	31	44	29	Qt	587	25.8 26.0 26.9	do. May 8, 1946 Nov. 5, 1963	J, E	D, S	Dug well, curbed with brick. Temp. 70°F. <i>g</i>
* 712	Carl Walker	--	--	22	36	15	Qt	573	15.6 15.9 18.9	May 8, 1943 Jan. 24, 1946 Nov. 5, 1963	C, W	D, S	Dug well, curbed with rock. Temp. 67°F. <i>g</i>
* 713	Emil Wilms	--	--	17	36	7	Qt	558	10.8 8.8 15.0	May 7, 1943 Jan. 24, 1946 Nov. 6, 1963	C, E	D, S	Dug well, curbed with brick. Temp. 70°F. <i>g</i>
* 715	Oak Valley Ranch	--	1850	12	60	7	Qt	555	5.4 7.9	Mar. 28, 1946 Mar. 2, 1964	H	D, S	Dug well, curbed with brick. Temp. 64°F. <i>g</i>
* 717	E. Barrier	--	--	23	38	--	Qt	555	16.1 15.2 17.7	May 8, 1943 Jan. 25, 1946 Nov. 6, 1963	C, W, EE, E	D, S, Irr	Dug well, curbed with brick. Temp. 66°F. <i>g</i>
* 718	Mrs. G. J. Merritt	--	--	21	29	15	Qt	560	13.4 13.0 16.2	May 8, 1943 Jan. 24, 1946 Nov. 6, 1963	J, E	D	Dug well, curbed with brick. Temp. 71°F. <i>g</i>
* 719	A. W. Jolley	--	--	21	44	--	Qt	566	14.6 14.5 18.3	May 8, 1943 Jan. 25, 1946 Nov. 6, 1963	C, W	D, S	Dug well, curbed with brick. Temp. 69°F. <i>g</i>
* 720	Tom Connolly	--	--	25	30	22	Qt	560	16.4 15.9 18.6	May 8, 1943 Jan. 25, 1946 Nov. 6, 1963	J, E	D, S	Dug well, curbed with brick. Temp. 71°F. <i>g</i>
* 721	A. W. Livengood	--	--	28	24	--	Qt	564	25.0 22.8	May 8, 1943 June 20, 1963	J, E	D, S	Dug well, curbed with rock. Temp. 71°F. <i>g</i>
* 722	C. C. Chapman	--	--	15	40	12	Qt	553	8.0 7.1 3.4	May 8, 1943 Jan. 24, 1946 Nov. 6, 1963	H	D, S	Dug well, cased with culvert pipe. Temp. 68°F. <i>g</i>
* 723	W. Barrier	--	--	21	100	21	Qt	556	17.0 15.5	May 8, 1943 Jan. 25, 1946	Cf, G	N	Dug well, curbed with concrete. Unused irrigation well. Temp. 62°F. <i>g</i>
* 801	City of Lockhart	--	1905	15	--	--	Qt	504	7.9 8.9 3.4	June 8, 1943 Mar. 1, 1946 Apr. 3, 1964	Cf, E 30	P	Dug pit for collection basin 30 ft x 75 ft. Temp. 68°F. <i>g</i>

See footnotes at end of table.



## CALDWELL COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASTING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DYAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* BU-67-03-802	City of Lockhart	--	1914	25	--	--	Qt	530	17.1 6.7	June 3, 1943 Apr. 3, 1964	C, E 30	P	Dug pit for collection basin 25 ft x 75 ft. Temp. 63°F. Historical observation well. <u>4</u>
" 803	do	--	1938	15	--	--	Qt	521	4.0 4.8	May 8, 1943 Feb. 8, 1946	C, E 20	P	Dug pit for collection basin 23 ft x 93 ft. Temp. 67°F. <u>4</u>
* 804	do	--	1948	25	--	--	Qt	520	7.0	Apr. 3, 1964	T, E 20	P	Dug pit for collection basin 30 ft x 200 ft. <u>4</u>
* 805	W. W. Cardwell	--	--	21	36	8	Qt	537	13.01 18.40	Jan. 29, 1946 Apr. 18, 1972	C, W	S	Dug well, curbed with brick. Unused stock well. Temp. 65°F. Observation well. <u>3</u> <u>4</u>
* 806	W. H. Barab	--	--	29	38	8	Qt	546	24.3 22.70	May 7, 1943 June 29, 1946	N	N	Dug well, curbed with brick. Temp. 70°F. Historical observation well. <u>4</u>
* 807	Cardwell Estate	--	--	24	30	11	Qt	562	15.0 14.0 18.4	May 7, 1943 Jan. 24, 1946 Nov. 6, 1963	N	N	Dug well, curbed with brick. Temp. 68°F. <u>4</u>
* 808	W. W. Cardwell, Jr.	--	--	18	24	18	Qt	546	11.8 14.1 15.9	May 7, 1943 Jan. 29, 1946 Nov. 6, 1963	C, W	S	Do.
* 809	--	--	--	28	36	8	Qt	542	20.3 16.5 20.4	May 7, 1943 Jan. 29, 1946 Nov. 6, 1963	C, E 1	D, S	Dug well, curbed with brick. Temp. 72°F. <u>4</u>
* 810	Jessie Cardwell	--	--	30	42	--	Qt	552	18.2 17.5 20.9	May 8, 1943 Jan. 24, 1946 Nov. 6, 1963	C, N	S	Dug well. Temp. 64°F. <u>4</u>
" 811	Wiley Kelly	--	--	35	39	--	Qt	554	24.3 25.9 30.6	May 8, 1943 Jan. 25, 1946 Nov. 6, 1963	J, E	D, S	Dug well, curbed with brick. Temp. 68°F. <u>4</u>
* 04-202	--	--	--	27	24 36	--	Ewl	530	19.25 21.83	Aug. 7, 1946 Jan. 6, 1964	H	D	Dug well, curbed with brick. <u>4</u>
* 401	W. M. Riddle	Jess Alexander	1902	129	6	--	Ewl	541	95.17 95.00	Apr. 12, 1946 Aug. 25, 1958	N	N	Unused since 1952. Temp. 73°F. Historical observation well. <u>4</u>
* 501	Issac Cheatham	Mathew Bertsch	1953	120	7	110	Ewl	532	60.0 60	July 1953 Feb. 12, 1962	J, E 1	D, S	Open hole from 110 to 120 ft. Temp. 72°F. <u>4</u>
* 502	Alton Osteen	Alton Osteen	1927	110	7	6	Ewl	518	71.6	Feb. 27, 1946	C, E	D, S	<u>4</u>
" 503	M. R. Riddle	A. Alexander and Jess Harris	1926	82	6	--	Ewl	520	58.28 51.21	Apr. 12, 1946 Apr. 18, 1972	C, W	D, S	Temp. 60°F. Observation well. <u>3</u> <u>4</u>
" 504	J. S. Hellums	--	--	150	6	--	Ewl	462	--	--	C, W	D, S	<u>4</u>
" 506	William McOlellan	Leland Riddle	1945	97	7	18	Ewl	511	62 68.7	Mar. 1945 Jan. 6, 1964	J, E 1/3	D	Do.
" 510	Dale Corporation Water Inc.	Lockhart Welding Service	1968	400	8 6	200 325	Ewl	540	84	Apr. 27, 1968	Sub, E 10	P	Screened from 285 to 325 ft. Pump set at 160 ft. <u>4</u>
* 602	J. L. Lovell	J. Hidgton	1934	185	6	--	Ewl	511	--	--	C, E	D, S	<u>4</u>
* 602	W. E. Dingee	E. Dannelly	1927	174	6	174	Ewl	532	100.1	Jan. 6, 1964	C, E	D, S	Do.
" 603	Grady Gast	J. T. Hall	1963	500	10	200	Ewl	540	38.4	Feb. 3, 1964	N	N	Slotted from 0 to 200 ft. Open hole from 200 to 500 ft. Reported yield of 600 gpm. <u>4</u>
* 701	Sylvester Johnson	Emmit Dannelly	--	94	6	94	Ewl	495	69.91 75.45	Apr. 4, 1947 Feb. 17, 1967	N	N	Historical observation well. <u>4</u>

See footnotes at end of table.

## CALDWELL COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
DU-67-04-708	Preston Riddle	Davenport Irrigation Equipment Co.	1964	350	4	210	Ewi	470	16.3	Mar. 2, 1964	T, E 3	Irr	Slotted from 38 to 41 ft, 68 to 81 ft, 194 to 200 ft, and 204 to 209 ft. Reported yield of 60 gpm. Development test: Drawdown of 86 ft while pumping 40 gpm for 2 hours in Feb. 1964. <u>Y</u> <u>Y</u>
* 709	do	--	1951	136	4	136	Ewi	478	34.96	do.	C, W	S	<u>Y</u>
* 710	City of Lockhart	Layne-Texas Co.	1952	445	--	--	Ewi	420	--	--	--	--	Water test hole. Screened from 70 to 90 ft. <u>Y</u> <u>Y</u>
712	Preston Riddle	Davenport Irrigation Equipment Co.	1964	260	4	260	Ewi	465	20.0	Mar. 1964	Sub, E	S, Irr	Slotted. Development test: Drawdown of 80 ft while pumping 35 gpm. <u>Y</u>
* 801	R. M. Modlen	-- Owens	1931	206	7 4	-- 206	Ewi	450	31.6	Nov. 19, 1963	C, W	D	Perforated. <u>Y</u>
* 901	Loy Taylor	E. Dannelly	1912	371	5	371	Ewi	560	157.79 157.65	Apr. 17, 1946 Feb. 16, 1967	Sub, E 1	D, S	Perforated. Temp. 71°F. Historical observation well. <u>Y</u>
* 902	Dan T. Lackey	--	1930	216	6	216	Ewi	555	120.37 110.95	Apr. 17, 1946 Apr. 18, 1972	N	N	Temp. 77°F. Observation well. <u>Y</u> <u>Y</u>
* 904	J. A. Baker	Lockhart Welding Service	1963	270	4	250	Ewi	520	106.1 106.3	Jan. 6, 1964 June 24, 1964	Sub, E 1	S	Slotted from 230 to 250 ft. Pump set at 127 ft. Development test: Drawdown of 115 ft while pumping 50 gpm for 2 hours on Aug. 21, 1963. Temp. 76°F. <u>Y</u> <u>Y</u>
* 905	do	--	--	200	4	200	Ewi	560	--	--	C, E	D, S	<u>Y</u>
* 906	Lester Taylor	Lockhart Welding Service	1963	295	4	288	Ewi	550	168.0	July 1963	Sub, E	D, S	Slotted from 267 to 288 ft. Reported yield of 20 gpm. <u>Y</u>
* 05-402	J. R. Pearson	J. Higdon	1934	200	6	200	Ewi	550	134.91	Jan. 9, 1964	C, W	D, S	<u>Y</u>
* 701	E. M. Hutcheson	E. Dannelly	1924	165	6	165	Ewi	540	107.96	do.	C, W	N	Unused domestic well. <u>Y</u>
* 702	Louis Voigt	do	1927	350	6	--	Ewi	622	105.31	Feb. 4, 1964	C, E	D, S	<u>Y</u>
* 703	F. G. Bell	Lockhart Welding Service	1963	160	4	140	Ewi	590	60	May 12, 1963	J, E 3/4	D, S	Slotted from 120 to 140 ft. <u>Y</u> <u>Y</u>
* 801	H. B. Waight	--	--	27	30	--	Kc	624	16.9 15.8	Jan. 14, 1966 June 24, 1966	J, E	D	Dug well, curbed with brick. <u>Y</u>
* 802	do	Mathew Bartsch	1956	419	4	419	Ewi	620	85	1956	J, E	S	Slotted from 393 to 419 ft. <u>Y</u>
09-304	A. A. Harper	--	1917	35	30	--	Qa1	555	28.42 28.60	Nov. 7, 1963 Apr. 18, 1972	N	N	Dug well, curbed with brick. Observation well. <u>Y</u> <u>Y</u>
* 10-101	T. B. Martin	--	1924	33	36 60	-- 9	Qa1	515	16.52 19.14	Apr. 8, 1946 Mar. 3, 1964	Of, E	F	Dug well, curbed with concrete. <u>Y</u>
* 103	Mrs. Ed Kasch	--	--	29	36	10	Qa1	541	13.45 17.07	June 13, 1946 Nov. 7, 1963	J, E	D, S	Dug well, curbed with brick. <u>Y</u>
104	Memory Lawn Memorial Park, Inc.	--	1963	23	30	--	Qa1	555	20.75 20.67	Nov. 8, 1963 Apr. 18, 1972	J, E 2	Irr	Dug well, curbed with concrete rings. Observation well. <u>Y</u> <u>Y</u>
109	Robert Harper	--	--	33	--	--	Qa1	533	28.04 28.97	Nov. 8, 1963 Apr. 20, 1972	T, E 20	Irr	Dug well. Open hole from 0 to 33 ft. Observation well. <u>Y</u> <u>Y</u>
* 201	O. M. Hoffman	O. M. Hoffman	1925	25	69	24	Qa1	534	8.22 11.5	Feb. 14, 1946 Nov. 7, 1963	C, E	D, S	Dug well, curbed with brick and concrete. Reported yield of 400 gpm. Temp. 68°F. <u>Y</u>
* 202	T. G. Langham	--	--	34	48	--	Qa1	536	14.47 20.65	Apr. 9, 1946 Nov. 7, 1963	N	N	Dug well, curbed with wood. Reported yield of 750 gpm. <u>Y</u>

See footnotes at end of table.

CALDWELL COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE MATHN (ft)	DATE OF MEASUREMENT			
* BU-67-10-203	Herbert Conrad	--	--	30	96	--	Qal	522	7 11.00	Aug. 9, 1946 Apr. 18, 1972	Gf, G 50	D, S Lrr	Development test: Drawdown of 10 ft while pumping 500 gpm for 10 hours. Observation well. <u>Y</u>
* 901	W. R. Krunk	--	--	35	36	5	Qal	500	32.32	Nov. 12, 1963	J, E	D, S	Dug well, curbed with brick. <u>Y</u>
* 502	R. C. Hill	--	--	21	42	--	Qal	530	17.28	Nov. 13, 1963	J, E	D, S	Dug well, curbed with concrete and brick. <u>Y</u>
* 504	W. C. White	--	--	24	40	--	Qal	477	21.67 20.53	Apr. 8, 1946 Apr. 24, 1964	G, W	N	Dug well, curbed with brick. Unused domestic, livestock, and public supply well. <u>Y</u>
* 801	Stapler Farmers Co-op	Reedy-Mix Concrete Co.	1959	34	36	34	Qal	478	20 22.4	Feb. 13, 1962 Nov. 12, 1963	T, E 10	P	Dug well, curbed with concrete rings. Reported yield of 200 gpm. Temp. 70°F. <u>Y</u>
* 802	T. E. Hightower	--	1924	30	72	30	Qal	802	22.23 10.26	Apr. 8, 1946 Apr. 18, 1972	N	N	Dug well, curbed with brick. Observation well. <u>Y</u>
* 901	Tri-Community Water Supply Coop.	--	--	27	72	27	Qal	450	24.25 23.37	Feb. 25, 1946 Nov. 13, 1963	N	N	Dug well, curbed with concrete. Temp. 70°F. <u>Y</u>
* 907	Caldwell County	Herman Stiles	1938	18	30	--	Qal	438	3.78 11.19	Apr. 3, 1946 Nov. 13, 1963	N	N	Dug well, curbed with tile. Temp. 70°F. <u>Y</u>
* 908	W. R. Langley	do	1937	30	32 36	-- 30	Ewi	488	12.22 18.40	Apr. 3, 1946 Nov. 13, 1963	G, H	S	Dug well, curbed with brick. <u>Y</u>
* 11-101	G. A. Borchert	--	1913	20	30	10	Qt	551	15.61 18.01	Apr. 19, 1946 Nov. 6, 1963	J, E	D, S	Dug well, curbed with brick. Temp. 69°F. <u>Y</u>
* 202	Texas Parks and Wildlife Dept.	--	1937	28	72	--	Qt	480	2.15 6.00	Apr. 19, 1946 Mar. 3, 1964	N	N	Dug well. Temp. 68°F. <u>Y</u>
* 203	L. M. Harrison	--	--	24	43	--	Qt	525	34.81 34.52	Mar. 20, 1946 Mar. 3, 1964	C, W	S	Dug well, curbed with brick and rock. Temp. 67°F. <u>Y</u>
* 204	Fred J. Adams	--	--	29	35	--	Qt	490	21.37 23.12	Mar. 20, 1946 Mar. 3, 1964	J, E 1	S	Dug well. Temp. 69°F. <u>Y</u>
* 301	City of Lockhart	Layne-Texas Co.	1952	324	--	--	Ewi	475	4.2	Aug. 7, 1952	--	--	Water test hole. <u>Y</u>
* 306	J. D. Lay	J. T. Hall	1963	138	4	--	Ewi	498	--	--	J, E	D, S	Slotted. <u>Y</u>
* 307	Mrs. Bernice Williams	--	1940	70	5	--	Ewi	490	36.4 36.40	Apr. 16, 1946 Apr. 18, 1972	J, E	D, S	Temp. 73°F. Observation well. <u>Y</u>
* 308	-- Beaton	--	--	52	50	4	Qt	475	30.01 36.07	Apr. 16, 1946 Mar. 3, 1964	N	N	Dug well, curbed with brick. Temp. 73°F. <u>Y</u>
* 309	James V. Cowan	Lockhart Welding Service	1959	100	4	60	Ewi	495	51.3	Mar. 4, 1964	T, E	D, S	Slotted from 48 to 60 ft. <u>Y</u>
* 310	do	--	1905	80	54	5	Qt	496	33.75 34.61	Jan. 30, 1946 Mar. 4, 1964	J, E	D, S	Dug well, curbed with rock. Temp. 68°F. <u>Y</u>
* 311	do	Lockhart Welding Service	1959	130	4	60	Ewi	460	26.2	Apr. 2, 1964	Sub, E	D, S	Slotted from 40 to 60 ft. <u>Y</u>
* 312	do	-- Patton	--	2,500	10	--	Ewi	440	--	--	Flows	S	Reported flow of 2 gpm in 1964. Temp. 72°F. <u>Y</u>
* 501	Vernon Blackwell	--	--	168	6	--	Ewi	485	80.45 82.18	Mar. 20, 1946 Apr. 18, 1972	C, W	D, S	Observation well. <u>Y</u>
* 502	W. P. Morgan	--	--	94	6	--	Ewi	495	51.85 53.22	Mar. 20, 1946 Mar. 3, 1964	N	N	Unused since 1961. Historical observation well. <u>Y</u>

See footnotes at end of table.

## CALDWELL COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* BU-67-11-601	J. S. Noel	E. R. Owen Water Well Contractor	1958	125	6	125	Ewf	470	50	May 7, 1958	J, E 1	D, S	<i>g</i>
* 606	B. E. Noble	--	1920	150	4	--	Ewf	475	32.61	May 3, 1946	C, E	D, S	Temp. 72°F. <i>g</i>
* 607	Alton Rector	-- Mitchell	1860	70	30	15	Ewf	482	47.54 48.75	Mar. 3, 1946 Dec. 4, 1963	H	D, S	Dug well. Temp. 72°F. <i>g</i>
* 608	do	Jim Long	1911	86	6	--	Ewf	490	70 68.51	1911 Dec. 4, 1963	C, W	D, S	<i>g</i>
* 618	--	--	--	35	30	--	Ewf	400	29.14	Feb. 2, 1946	N	N	Dug well, curbed with brick. <i>g</i>
* 701	John M. Rogers	--	--	30	36	--	Ewf	512	14.79 17.99	Apr. 3, 1946 Nov. 13, 1963	C, W, E	D, S	Do.
* 702	Warner Polk	--	1880	42	24	--	Ewf	500	17.49 25.07	Apr. 3, 1946 Nov. 14, 1963	C, E	D, S	Dug well, curbed with rock. <i>g</i>
* 703	Claude Giden	--	1928	56	33	--	Ewf	500	49.91 51.31	Apr. 3, 1946 Nov. 14, 1963	J, E	D, S	Dug well, curbed with brick. <i>g</i>
* 704	Mrs. Charles Clark	--	1908	65	28	--	Ewf	460	55.76 56.65	Apr. 3, 1946 Nov. 14, 1963	J, W	S	Dug well, curbed with rock. <i>g</i>
* 705	Jack Thompson	--	--	130	5	--	Ewf	483	--	--	C, G	S	Temp. 72°F. <i>g</i>
* 801	A. B. Etheridge	A. B. Etheridge	1925	14	36	--	Ewf	414	5.75 14.27	Mar. 20, 1946 Nov. 14, 1963	N	N	Dug well, curbed with brick. Temp. 64°F. <i>g</i>
* 902	Gus T. Brown	--	--	44	38	44	Ewf	420	32.53	May 7, 1946	C, G	S	Dug well, curbed with brick. Temp. 72°F. <i>g</i>
* 905	Thomas Wilson, Jr.	M. H. Hanson	1960	203	7	173	Ewf	390	29.1 32.01	Dec. 18, 1963 Apr. 20, 1972	Sub, E 10	S, Irr	Open hole from 173 to 203 ft. Reported yield of 150 gpm. Observation well. <i>g</i>
* 12-101	City of Lockhart	Layne-Texas Co.	1952	240	18 10	120 240	Ewf	460	+ 5 + 4	Aug. 1952 1964	T, E 50	P	Test well drilled to 368 ft and plugged back to 240 ft. Screened from 128 to 158 ft, 180 to 200 ft, and 216 to 236 ft. Cemented from 120 ft to surface. Underreamed and gravel packed. Development test: Drawdown of 91 ft while pumping 170 gpm for 2 hours on Apr. 13, 1964. Temp. 72°F. <i>g</i>
* 102	do	do	1952	283	18 10	100 282	Ewf	440	+ 13.4	Aug. 6, 1952	Flow, T, E 50	P	Test well drilled to 381 ft and plugged back to 283 ft. Screened from 128 to 168 ft, 188 to 198 ft, and 238 to 278 ft. Cemented from 100 ft to surface. Underreamed and gravel packed. Development test: Drawdown of 175 ft while pumping 150 gpm for 24 hours. Temp. 72°F. <i>g</i>
* 103	do	do	1952	342	--	--	Ewf	415	+ 3	Feb. 9, 1952	N	N	Water test hole. Packer set at 154 ft. Screened from 155 to 175 ft. Reported yield of 50 gpm. <i>g</i>
* 104	do	do	1952	484	--	--	Ewf	425	7	Feb. 22, 1952	--	D, S	Water test hole. Packer set at 159 ft. Screened from 160 to 180 ft. Reported yield of 25 gpm. <i>g</i>
* 105	do	do	1952	364	--	--	Ewf	410	+ 7	May 17, 1952	N	N	Water test hole. Packer set at 230 ft. Screened from 233 to 253 ft. Reported yield of 30 gpm. <i>g</i>
* 106	Marlin Moore	Lex McGee	1926	100	8	--	Ewf	462	86.76 50.76	June 17, 1946 May 11, 1955	N	N	Abandoned. Temp. 81°F. Historical observation well. <i>g</i>

See footnotes at end of table.

## CALDWELL COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER RISING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIPT	USE OF WATER	REMARKS
					DIAM-ETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* BU-67-12-107	W. P. McGee Estate	L. R. Wilson	--	--	10	--	Ewl	410	--	--	Flows	S	Well 225 in Texas Board of Water Engineers miscellaneous report 27. Oil test drilled to 2,539 ft, plugged back, and converted to water well. Reported flow of 10 gpm in 1946 and 2 gpm in 1964. Temp. 72°F. <u>Y</u> <u>Y</u>
* 110	Marlin Moore	--	--	39	30	--	Ewl	424	9.44 14.71	June 27, 1946 Jan. 7, 1964	N	N	Dug well. <u>Y</u>
* 111	Paul Mohle	Lockhart Welding Service	1963	175	4	160	Ewl	472	50.92 54.48	Jan. 7, 1964 Apr. 18, 1972	J, E	S	Slotted from 140 to 160 ft. Development test: Drawdown of 90 ft while pumping 30 gpm for 4 hours. Observation well. <u>Y</u> <u>Y</u> <u>Y</u>
* 112	Orbin E. Voight	do	1963	300	4	295	Ewl	455	26	July 1963	Sub. X 3/4	D, S	Slotted from 274 to 295 ft. Gravel packed. Development test: Drawdown of 175 ft while pumping 60 gpm for 4 hours. <u>Y</u> <u>Y</u>
* 113	City of Lockhart	Layne-Texas Co.	1952	213	--	--	Ewl	430	21.5	June 23, 1952	N	N	Water test hole. Screened from 116 to 136 ft. Reported yield of 40 gpm. <u>Y</u> <u>Y</u> <u>Y</u>
* 114	do	do	1952	201	--	--	Ewl	430	9.4	June 24, 1952	N	N	Water test hole. Screened from 46 to 56 ft. Reported yield of 30 gpm. <u>Y</u> <u>Y</u>
* 115	do	do	1952	552	--	--	Ewl	400	--	--	N	N	Water test hole. Screened from 350 to 370 ft. Reported yield of 20 gpm. <u>Y</u>
* 116	Paul Mohle	Lockhart Welding Service	1964	240	8	161	Ewl	470	51 48.55	May 28, 1964 Nov. 10, 1969	T, E 15	Irr	Slotted from 109 to 161 ft. Open hole from 161 to 240 ft. Cemented from 6 ft. to surface. Gravel packed. Pump set at 140 ft. Development test: Drawdown of 59 ft while pumping 400 gpm for 28 hours on May 28, 1964. Temp. 74°F. <u>Y</u>
* 202	Addis De Viney	--	--	153	6	--	Ewl	420	98.9 109.75	June 17, 1946 July 15, 1954	J, E	D, S	Temp. 76°F. Historical observation well. <u>Y</u>
* 203	Mrs. R. L. Reed	--	1940	100	6	--	Ewl	448	49.01 48.23	June 19, 1946 Jan. 7, 1964	J, E	D, S	Temp. 79°F. <u>Y</u>
* 301	James Chamberlin	--	1929	300	5 4	--	Ewl	462	48 64.8	Nov. 1945 Mar. 1, 1946	J, E 1-1/2	D, S	Temp. 73°F. <u>Y</u>
* 302	Mrs. Jewel Alexander	--	--	126	8	--	Ewl	450	56.27 58.41	July 16, 1946 Feb. 14, 1957	N	N	Historical observation well. <u>Y</u>
* 303	J. J. Brown	Jenkins and Long	1902	125	5	--	Ewl	490	63.81 61.32	June 20, 1946 Apr. 19, 1972	N	N	Temp. 75°F. Observation well. <u>Y</u> <u>Y</u>
* 305	do	John Reed	1946	345	4	345	Ewl	467	67.60	June 29, 1946	C, E	D, S	Slotted. Temp. 75°F. <u>Y</u>
* 306	Morris Robuck	--	--	100	6	--	Ewl	465	48.71	Jan. 7, 1964	C, H	S	<u>Y</u>
* 307	Addis De Viney	--	--	140	6	--	Ewl	478	66.43	do.	C, W	E	do.
* 406	Elgin Bowers	--	--	47	30	10	Ewl	461	31.76 37.61	Apr. 18, 1946 Nov. 29, 1963	C, W	D, S	Dug well, curbed with brick. Temp. 72°F. <u>Y</u>
* 407	H. B. Guim	E. Dannelly	1906	92	5	--	Ewl	475	36.04 46.08	May 3, 1946 Dec. 4, 1963	C, W	D, S	Temp. 85°F. <u>Y</u>
* 408	Tom Blackwell	do.	1906	113	5	--	Ewl	476	55 66.61	1906 Dec. 4, 1963	C, W	D, S	Temp. 80°F. <u>Y</u>
* 409	Charles Bowers	--	--	70	42	--	Ewl	450	62.94 62.16	Dec. 4, 1963 Apr. 19, 1972	N	N	Dug well. Observation well. <u>Y</u> <u>Y</u>

See footnotes at end of table.

CALDWELL COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING			ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)	WATER BEARING UNIT		BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* BU-57-12-501	City of Lockhart	Layne-Texas Co.	1953	340	16 10 8	100 340 --	Ewi	408	21.78 85	May 7, 1953 Dec. 22, 1960	T, E 30	F	8-inch liner added in 1961. Screened from 120 to 160 ft, 210 to 260 ft, 300 to 310 ft, and 320 to 330 ft. Cemented from 100 ft to surface. Underreamed and gravel packed. Development test yielded 315 gpm for 2 hours on Apr. 16, 1964. Temp. 74°F. Historical observation well. <u>Y</u>
* 502	do	do	1953	320	18 10	100 320	Ewi	400	15 110	May 21, 1953 Dec. 22, 1960	T, E 60	P	Well drilled to 435 ft and plugged back to 320 ft. Screened from 150 to 190 ft and 210 to 310 ft. Cemented from 100 ft to surface. Underreamed and gravel packed. Development test: Drawdown of 95 ft while pumping 618 gpm for 24 hours on May 23, 1953. Temp. 74°F. Historical observation well. <u>Y</u>
* 503	Howard Taylor	Buster Reed	1940	290	4	--	Ewi	492	5 18.65	Feb. 15, 1946 Apr. 19, 1972	C, E	D, S	Temp. 72°F. Observation well. <u>Y</u>
* 516	City of Lockhart	Layne-Texas Co.	1952	482	--	--	Ewi	405	--	--	--	--	Water test hole. <u>Y</u>
* 517	do	do	1953	456	--	--	Ewi	390	17	Apr. 22, 1953	--	--	Water test hole. <u>Y</u>
* 518	Fritz Anton	--	--	50	28	--	Ewi	440	35.24 43.94	May 17, 1946 Dec. 4, 1963	N	N	Dug well, curbed with brick. Temp. 74°F. <u>Y</u>
* 519	Tommy Fin Frock	Lockhart Welding Service	1965	160	4	160	Ewi	400	35	Jan. 10, 1965	J, E 7	Ter	Slotted from 140 to 160 ft. Cemented from 4 ft to surface. Gravel packed. Development test: Drawdown of 95 ft while pumping 50 gpm for 3 hours on Jan. 10, 1965. Temp. 72°F. <u>Y</u>
* 520	City of Lockhart	Layne-Texas Co.	1967	368	18 10	105 365	Ewi	395	65.00	Nov. 8, 1969	T, E 50	P	Slotted from 135 to 165 ft, 185 to 205 ft, 260 to 295 ft, 315 to 325 ft, and 342 to 357 ft. Cemented from 105 ft to surface. Underreamed and gravel packed. Temp. 74°F. <u>Y</u>
* 601	Mrs. Mamie McGee	-- Powell	1944	352	4	--	Ewi	465	70 75.82	June 20, 1946 Apr. 19, 1972	C, E 1/2	D, S	Temp. 75°F. Observation well. <u>Y</u>
* 602	Alvin F. White	Buster Reed	1938	171	3 2	--	Ewi	522	68.55 65.91	Feb. 15, 1946 Nov. 1, 1963	N	N	Temp. 68°F. <u>Y</u>
* 607	Mrs. Odus Owen	--	1918	71	52 36	-- 70	Ewi	450	61.76 55.67	June 19, 1946 Jan. 27, 1964	C, W	S	Dug well, curbed with concrete and brick. Temp. 74°F. <u>Y</u>
* 701	Floyd Gray Estate	--	--	49	33	--	Ewi	390	22.88 25	June 14, 1946 1963	N	N	Dug well, curbed with rock. Temp. 74°F. <u>Y</u>
* 703	Will L. Pope	--	1921	19	42	--	QC	444	14.88 15.46	June 14, 1946 Nov. 20, 1963	N	N	Dug well, not curbed. Temp. 73°F. <u>Y</u>
* 801	Mrs. Jeff Connolly	--	1910	34	40	33	Ewi	400	25.75 28.36	May 17, 1946 Nov. 1, 1963	C, W	S	Dug well, curbed with brick. Temp. 72°F. <u>Y</u>
* 803	Thori Watts	--	1912	31	34	30	Ewi	402	20.35 23.03	May 17, 1946 Jan. 23, 1964	K	D, S	Dug well, curbed with brick. Temp. 71°F. <u>Y</u>
* 13-101	Louis Crouch	Lockhart Welding Service	1963	620	4	609	Ewi	570	180 131.49	Apr. 10, 1963 Mar. 5, 1964	Sub, E 1	D, S	Slotted from 580 to 609 ft. Cemented from 4 ft to surface. Development test yielded 45 gpm on Apr. 10, 1963. Temp. 74°F. <u>Y</u>
* 102	do	--	1955	450	7	450	Ewi	580	165.01 181.49	Jan. 14, 1964 Apr. 16, 1970	Sub, E 3	S, Irr	Slotted from 400 to 450 ft. Reported yield of 75 gpm. Temp. 74°F. Observation well. <u>Y</u>
* 103	Lewis Freeman	Storzring Drilling Co.	1962	302	4	300	Ewi	582	95.44	Feb. 20, 1964	Sub, E 1/2	D, S	Screened from 260 to 300 ft. Cemented from 5 ft to surface. Gravel packed. <u>Y</u>

See footnotes at end of table.

## GALDWELL COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASTING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* BU-67-13-201	Adolph Goertz	Lockhart Welding Service	1962	198	4	198	Ec	575	142.26 142.25	Jan. 12, 1970 Apr. 19, 1972	Sub, E	D, S	Screened from 188 to 198 ft. Temp. 68°F. Observation well. <u>3/4</u>
* 502	J. C. Ruffen	do.	1963	240	4	240	Ec	500	66.01	Jan. 10, 1964	C, W	S	Slotted from 220 to 240 ft. <u>1/4</u>
* 601	S. H. McMullen	Floyd Neiley	1929	65	6	--	Eqc	510	52.96	Apr. 18, 1946	N	N	Abandoned. Temp. 72°F. <u>4</u>
* 605	C. S. Williams	Lockhart Welding Service	1963	470	4	450 2 470	Ec	490	92.95 91.14	Jan. 10, 1964 Apr. 19, 1972	Sub, E S	D, S Irr	Slotted from 430 to 450 ft. Screened from 450 to 470 ft. Gravel packed. Reported yield of 58 gpm. Development test: Drawdown of 120 ft while pumping 80 gpm for 4 hours. Temp. 77°F. Observation well. <u>1/3/4</u>
* 613	Delhi Community Center	do	1963	100	4	100	Er	525	57.55	Feb. 4, 1964	J, E 1	D	Slotted from 80 to 100 ft. Reported yield of 10 gpm. <u>1/4</u>
616	Bill Myers	Sloans Well Drilling Service	1967	460	7	450	Ec	505	--	--	T, G	D, S Irr	Slotted from 429 to 450 ft. Gravel packed. Pump set at 150 ft. <u>1/4</u>
* 702	Hershey Linder	Lockhart Welding Service	1963	270	4	220	Ec	566.	134.90 146.64	Nov. 1, 1963 Apr. 19, 1972	C, E 3/4	S	Slotted from 200 to 220 ft. Observation well. <u>1/3/4</u>
w 801	J. J. Holloway	Best Brothers	1923	250	4	250	Ec	469	40 50.25	1923 Apr. 19, 1972	C, W	D, S	Observation well. <u>3/4</u>
w 802	T. W. Bates	Leroy Richter Water Well Drilling	1962	270	4	200	Ec	450	55	Mar. 1963	J, E	D, S	Deepened from 105 to 270 ft in July 1963. <u>1/4</u>
* 901	R. L. McCall	--	--	16	36	16	Eqc	440	7.05 6.56	Apr. 16, 1946 Feb. 6, 1964	N	N	Abandoned. Dug well, curbed with rock. Temp. 67°F. <u>4</u>
* 14-401	Mrs. J. Sherry	Lockhart Welding Service	1963	120	4	120	Eqc	509	65	June 1963	J, E 1/2	D, S	Slotted from 100 to 120 ft. Cemented from 80 ft to surface. Development test: Drawdown of 35 ft while pumping 10 gpm for 2 hours. <u>1/4</u>
402	Loy Duddleston	do	1958	110	4	100	Eqc	485	44.31 41.62	Jan. 13, 1964 Apr. 19, 1972	N	N	Reported yield 30 gpm. Observation well. <u>3/4</u>
w 403	do	do	1963	500	4	500	Ec	572	90	Oct. 1963	J, E	D, S	Packer set at 400 ft. Slotted from 458 to 483 ft. Development test: Drawdown of 120 ft while pumping 30 gpm for 8 hours on Oct. 26, 1963. <u>1/4</u>
* 406	Wilbur Bowyer	Johnny Mareah Drilling	1963	550	4	500	Ec	449	49	1963	J, E	D, S	<u>4</u>
* 701	Isom Brisco	--	1900	97	48	--	Eqc	500	80.59 78.8	Apr. 26, 1946 Feb. 6, 1964	C, W	D, S	Dug well, curbed with rock. Temp. 72°F. <u>4</u>
* 704	Walter Phillips	-- Petryman	1963	110	4	--	Eqc	520	26.24	do.	C, W	S	<u>4</u>
* 801	William Boyer	--	--	59	36	59	Eqc	455	46.43 43.33	do. Apr. 19, 1972	J, E	D, S	Dug well, curbed with brick. Temp. 82°F. Observation well. <u>3/4</u>
w 19-108	N. A. Langley	--	1945	108	4	--	Ewi	440	25.34	Apr. 3, 1946	J, E	D, S	<u>4</u>
* 201	F. L. Fields	--	1930	182	5	--	Ewi	481	113.4 117.50	Mar. 20, 1946 Feb. 8, 1966	C, W	D, S	Historical observation well. <u>4</u>
w 202	V. M. Sanders	J. Long	1908	123	6	--	Ewi	453	80	1946	N	N	Abandoned. <u>4</u>
* 301	Gulf Oil Corp.	--	1930	370	6	370	Ewi	400	56.00	May 8, 1946	N	N	Abandoned. Screened from 270 to 370 ft. <u>4</u>
w 302	Mrs. N. Casey	--	--	190	6	--	Ewi	440	--	--	C, E	D, S	<u>4</u>

See footnotes at end of table.

CALEWELL COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	CASTING			WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
				DEPTH OF WELL (ft)	DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* BU-57-19-304	Nortex Oil and Gas Corp.	J. T. Hall	1963	406	7	360	Ewi	380	--	--	Sub, E	Ind	Water used to repressure oil field. Slotted. Reported yield of 50 gpm. Temp. 74°F. <u>1/4</u>
* 306	H. C. Disanix	Development Irrigation Equipment Co.	1963	330	7	183	Ewi	462	116.72 122.17	Jan. 8, 1964 Apr. 18, 1972	Sub, E 7-1/2	S, Irr	Open hole from 183 to 330 ft. Pump set at 178 ft. Reported yield of 110 gpm. Temp. 68°F. Observation well. <u>1/3/4</u>
* 308	Thomas Wilson, Sr.	M. H. Hanson	1952	72	7	72	Ewi	360	--	--	T, E 5	S, Irr	Slotted from 21 to 72 ft. Pump set at 55 ft. Reported yield of 150 gpm. Temp. 73°F. <u>4</u>
309	do	do	1951	85	6	85	Ewi	370	--	--	Sub, E	D, S	Slotted from 60 to 85 ft. Development test yielded 50 gpm. <u>4</u>
314	do	Ranger Equipment Co.	1967	460	7 4	150 460	Ewi	390	20 25.64	Apr. 13, 1967 Dec. 8, 1969	Sub, E 5	S, Irr	Perforated from 418 to 460 ft. Pump set at 110 ft. <u>1/4</u>
* 401	--	--	--	27	6	--	Qsl	392	24.44	June 25, 1946	J, E	D, S	Temp. 72°F. <u>4</u>
* 402	M. W. McNeal	John Reed	1944	120	5	--	Ewi	445	--	--	C, E	D, S	Drilled to 300 ft and plugged back to 120 ft. Temp. 77°F. <u>4</u>
* 501	Edward Kell	M. H. Hanson	1961	180	4	167	Ewi	384	52	May 12, 1962	Sub, E 1	D, S	Cemented from 167 ft to surface. Reported yield of 10 gpm. Pump set at 90 ft. Temp. 75°F. <u>4</u>
* 502	Nagolia Petroleum Co.	United North and South Oil Co., Inc.	1926	149	6	--	Ewi	410	88	Jan. 1926	T, E 3	S	Well 470 in Texas Board of Water Engineers miscellaneous report 27. Temp. 75°F. <u>1/4</u>
* 506	Sierce Ranch	--	--	36	34	19	Ewi	411	18.02 23.57	June 25, 1946 Dec. 5, 1963	C, W	D, S	Dug well, curbed with brick. Temp. 72°F. <u>4</u>
* 507	T. L. McWilliams	John Reed	1931	315	8	--	Ewi	420	61.06	Feb. 12, 1946	J, E	D	Temp. 71°F. <u>4</u>
* 601	City of Inling	Layne-Texas Co.	1924	259	24 18 12	100 176 259	Ewi	400	20 88.6	Jan. 1924 Feb. 7, 1964	T, E 30	P	Water test well drilled to 320 ft and plugged back to 259 ft. Screened from 100 to 117 ft, 156 to 176 ft, and 239 to 259 ft. Gravel packed. Development test: Drawdown of 35 ft while pumping 460 gpm for 7 hours in 1924. Temp. 78°F. <u>1/4</u>
* 602	do	do	1926	306	16 8	-- 304	Ewi	400	--	--	--	--	Abandoned. Well 460 in Texas Board of Water Engineers miscellaneous report 27. <u>1/4</u>
603	do	do	1948	312	18 12 8	-- -- 311	Ewi	400	--	--	--	--	Abandoned. Slotted from 191 to 216 ft and 218 to 305 ft. Undersized and gravel packed. Reported yield of 225 gpm. <u>1/2/4</u>
* 605	do	do	1948	307	12 8	218 307	Ewi	395	70 91.6	Jan. 1949 Feb. 7, 1964	T, E 30	P	Water test well drilled to 505 ft and plugged back to 307 ft. Screened from 120 to 150 ft, 160 to 190 ft, 220 to 240 ft, 250 to 270 ft, and 280 to 305 ft. Cemented from 115 ft to surface. Gravel packed. Development test yielded 503 gpm for 24 hours in 1948. Temp. 77°F. <u>1/2/4</u>
* 606	do	do	1957	447	10	447	Ewi	389	64 75.8	Apr. 1957 Feb. 4, 1964	T, E 30	P	Slotted from 177 to 224 ft. Screened from 305 to 325 ft and 374 to 435 ft. Cemented from 155 ft to surface. Gravel packed. Reported yield 590 gpm. Development test yielded 700 gpm for 8 hours in 1957. <u>1/2/4</u>
* 607	do	do	1954	331	12 8	205 312	Ewi	392	74 87.4	Jan. 1955 May 11, 1964	T, E 30	P	Screened from 114 to 159 ft, 164 to 184 ft, 195 to 205 ft, 235 to 245 ft, and 255 to 295 ft. Cemented from 105 ft to surface. Gravel packed. Reported yield of 485 gpm. Development test: Drawdown of 27 ft while pumping 485 gpm for 10 hours on May 11, 1964. Temp. 77°F. <u>1/2/4</u>

See footnotes at end of table.



CALDWELL COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM-ETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* BU-67-19-608	Mobil Oil Co.	Layne-Texas Co.	1930	519	12	519	Ewf	390	34.10 50.43	July 3, 1946 Apr. 20, 1972	T, E 40	D	Perforated from 300 to 519 ft. Cemented from 519 ft to surface. Pump set at 130 ft. Temp. 80°F. Observation well. <u>Y Y</u>
* 009	T. I. Johnson	A. Powell	1946	284	5	--	Ewf	400	44.94 55.31	Aug. 6, 1946 Apr. 20, 1972	N	N	Temp. 75°F. Observation well. <u>Y Y</u>
610	Mrs. M. F. Henton	John Reed	1945	239	5	239	Ewf	391	45.52 52.90	Feb. 7, 1946 Apr. 20, 1972	J, E	D, S	Slotted. Observation well. <u>Y Y</u>
* 612	E. L. Schumann	do	1942	300	6	--	Ewf	400	35	1942	--	--	<u>Y</u>
* 613	Southernstern Ice and Cold Storage Co.	--	1941	150	6	150	Ewf	395	50	1945	Sub, E 2	Ind	Screened. Pump set at 100 ft. Temp. 62°F. <u>Y</u>
* 614	Atlantic Richfield Co.	Layne-Texas Co.	1949	260	6 4	-- 260	Ewf	432	73	Feb. 1949	T, E 5	Irr	Drilled to 448 ft and plugged back to 260 ft. Screened from 167 to 188 ft and 207 to 246 ft. Development test yielded 45 gpm for 3 hours on Feb. 5, 1949. <u>Y Y</u>
* 615	do	Davenport Irrigation Equipment Co.	1956	230	8	159	Ewf	435	93	Apr. 1956	Sub, E 5	Irr	Open hole from 159 to 230 ft. Pump set at 150 ft. Reported yield of 70 gpm. Development test yielded 600 gpm. Temp. 72°F. <u>Y Y</u>
* 628	City of Luling	Layne-Texas Co.	1968	435	16 10	182 435	Ewf	385	33 40	July 5, 1968 Oct. 13, 1969	T, E 30	F	Screened from 190 to 230 ft, 282 to 297 ft, 315 to 330 ft, 345 to 360 ft, and 390 to 430 ft. Cemented from 180 ft to surface. Underreamed and gravel packed. Pump set at 150 ft. Development test: Drawdown of 62 ft while pumping 503 gpm on July 5, 1968. <u>Y</u>
* 629	M. H. Cater	--	--	525	4	525	Ewf	392	--	--	Sub, E 5	Irr	Oil test converted to water well. Perforated from 300 to 525 ft. Cemented from 525 ft to surface. Temp. 65°F.
630	Roy Wick	Ranger Equipment Co.	1968	165	5	165	Ewf	390	--	--	Sub, E 1-1/2	Ind	Perforated from 144 to 165 ft. Pump set at 110 ft. Reported yield of 50 gpm. <u>Y</u>
631	One Week's Mobile Home Parks	Davenport Irrigation Equipment Co.	1964	260	4	260	Ewf	430	--	--	Sub, E 3	D, F	Perforated from 240 to 260 ft. Reported yield of 15 gpm. Development test: Drawdown of 87 ft while pumping 100 gpm in Sept. 1964. <u>Y</u>
632	Comstock Oil Co.	do	1964	200	4	179	Ewf	390	45	May 14, 1964	J, E 1-1/2	D, S Ind	Open hole from 179 to 200 ft. <u>Y</u>
633	Colorado Oil and Gas Co.	Ranger Equipment Co.	1967	285	7	285	Ewf	387	10 32.15	Apr. 28, 1967 Jan. 8, 1970	Sub, E 5	Ind	Water used to repressure oil field. Perforated from 233 to 285 ft. Gravel packed. <u>Y</u>
634	do	Davenport Irrigation Equipment Co.	1964	320	7	185	Ewf	385	60	May 5, 1964	Sub, E 5	Ind	Water used to repressure oil field. Open hole from 185 to 320 ft. <u>Y</u>
635	Luling Oil Bowl, Inc.	do	1965	225	4	210	Ewf	435	75.53	Jan. 8, 1970	Sub, E 1	F	Perforated from 189 to 210 ft. <u>Y</u>
636	Luling Independent School District	T. and B. Water Well Drilling Co.	1968	196	5	196	Ewf	403	--	--	Sub, E 5	Irr	Perforated from 156 to 196 ft. Cemented from 36 ft to surface. Gravel packed. Pump set at 168 ft. Reported yield 75 gpm. <u>Y</u>
* 20-101	Humble Oil and Refining Co.	Arnold and Williams	1936	300	9 6	-- 300	Ewf	370	--	--	N	N	Abandoned. Screened from 234 to 298 ft. Temp. 78°F. <u>Y</u>
103	John Davenport	Davenport Irrigation Equipment Co.	1963	288	7	288	Ewf	351	0.95 2.38	Feb. 4, 1964 Apr. 20, 1972	Sub, E	N	Slotted from 208 to 288 ft. Unused irrigation water flooding well. Development test: Drawdown of 150 ft while pumping 600 gpm in 1963. Observation well. <u>Y Y</u>

See footnotes at end of table.

CALDWELL COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* BU-67-20-104	John Davenport	Davenport Irrigation Equipment Co.	1963	580	4	560	Ewi	380	20	1963	Sub, E	D, S	Slotted from 540 to 560 ft. <i>y y</i>
107	Luling Oil and Gas Co.	Luling Oil and Gas Co.	1967	190	5	190	Ewi	368	--	--	C, E 5	Ind	Screened from 170 to 190 ft.
* 202	A. G. Probst	A. C. Probst	1915	14	30	13	Ewi	398	6.29 10.76	July 16, 1946 Nov. 29, 1963	C, W	D, S	Dug well, curbed with rock. <i>y</i>
* 203	J. C. Mitchell	William Manix	1870	46	40	46	Ewi	430	37.31 41.72	July 16, 1946 Nov. 29, 1963	J, E	D, S	Do.
* 204	J. N. Brigence	--	--	360	4	--	Ewi	420	60.86	Jan. 23, 1946	C, W	D, S	<i>y</i>
* 205	Billy Derris	Davenport Irrigation Equipment Co.	1963	190	4	189	Ewi	462	76.64 75.59	Jan. 23, 1964 Apr. 20, 1972	Sub, E	S	Observation well. <i>y y y</i>
* 402	G. R. Hanson	--	1895	24	24	23	Ewi	364	18.45 21.66	July 16, 1946 Nov. 29, 1963	C, W	D, S	Dug well, curbed with stone. <i>y</i>
* 403	do	M. H. Hanson	1955	321	4	321	Ewi	364	7 11.0	1955 Nov. 29, 1963	C, E	D, S	Slotted from 180 to 200 ft and 235 to 321 ft. <i>y</i>
* 404	Magnolia Pipeline Co.	-- Redmond	1927	150	10 7 2	-- -- 150	Ewi	335	--	--	N	N	Reported flow of 10 gpm in 1946. <i>y</i>
* 501	Clifford Davis	--	1900	19	30	--	Ewi	415	16.5 16.1	July 3, 1946 Nov. 29, 1963	N	N	Dug well, curbed with concrete. Temp. 72°F. <i>y</i>
* 601	Abner Moore	A. Moore	1932	91	6 5	-- 70	Ec	460	67.98 72.93	Apr. 4, 1947 Apr. 15, 1971	N	N	Abandoned. Historical observation well. <i>y y</i>
* 602	G. T. Westbrook	--	--	80	6	--	Ec	469	73.08 76.18	May 7, 1946 Oct. 20, 1953	N	N	Abandoned. Temp. 75°F. Historical observation well. <i>y</i>
603	do	Hunt Oil Co.	--	195	4	--	Ec	472	76.14 79.40	Feb. 14, 1957 Apr. 20, 1972	N	N	Observation well. <i>y y</i>
* 604	Mrs. J. R. Lodbetter	D. H. Williams	1946	117	5 4	-- 98	Ec	428	62.39 68.90	Apr. 4, 1947 Dec. 31, 1963	C, W	D, S	Historical observation well. <i>y</i>
* 703	Tom Blackwell	--	1935	285	4	--	Ewi	350	2.8	Dec. 6, 1963	C, W, E	D, S	Temp. 73°F. <i>y</i>
* 704	W. J. and C. B. McCleary	--	1934	19	24	--	Perf	350	16.2	May 7, 1946	N	N	Abandoned. Dug well. Temp. 73°F. <i>y</i>
* 706	Otto Kornstead	John Perryman	1964	200	5	200	Ewi	348	--	--	Flows	D, S Irr	Oil test converted to water well. Temp. 75°F. <i>y</i>
* 707	Dr. -- Playfair	Billy Perryman	1963	240	8	200	Ewi	351	+ 0.85 + 0.78	Jan. 26, 1965 Apr. 20, 1972	Sub, E 3	Irr	Reported yield of 220 gpm. Observation well. <i>y y</i>
* 708	do	W. E. Griffin	1939	81	4	79	Ewi	363	60	1939	N	N	Temp. 76°F. <i>y</i>
* 801	Ben Ruff	-- Shannon	1935	120	5	90	Ec	420	78.17 81.34	May 3, 1946 Feb. 16, 1967	C, E	D, S	Temp. 74°F. Historical observation well. <i>y</i>
* 802	Paul Sedler	Davenport Irrigation Equipment Co.	1963	200	4	189	Ec	410	42 56.16	Nov. 1963 Apr. 20, 1972	Sub, E 1/2	S	Slotted from 169 to 189 ft. Development test: Drawdown of 28 ft while pumping 70 gpm for 2 hours 40 Nov. 1963. Temp. 72°F. Observation well. <i>y y y</i>
* 21-104	J. Nickol	Lockhart Welding Service	1963	300	4	300	Ec	475	78.46 78.28	Jan. 23, 1964 Feb. 12, 1968	Sub, E	D, S	Slotted from 280 to 300 ft. Observation well. <i>y y y</i>

See footnotes at end of table.

## CALDWELL COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* BU-67-21-302	T. O. Stigall	Leroy Richter Water Well Drilling	1963	334	4	284	Kc	448	26	July 1963	Sub, E 3/4	D, S	<u>1</u> <u>4</u>
* 303	Mrs. Carol Gunn	--	1944	148	4	--	Eqc	413	28.6	Jan. 10, 1964	C, W	S	Temp. 71°F. <u>4</u>
* 401	Abner Moore, Jr.	Sloans Well Drilling Service	1963	440	4	--	Ec	440	--	--	Sub, E	S	Reported yield of 25 gpm. Temp. 74°F.

\* For chemical analyses of water, see Table 4.

<sup>1</sup> Drillers' log in files of the Texas Water Development Board.

<sup>2</sup> Mechanical logs in files of the Texas Water Development Board.

<sup>3</sup> For water-level measurements from observation wells, see Table 3.

<sup>4</sup> Well also appears in Texas Water Development Board Report 12, "Ground-Water Resources of Caldwell County, Texas," 1966.

# CALDWELL COUNTY

## Table 2.—Selected Oil, Gas, and Stratigraphic Tests

Type Log: D, Drillers'; E, Electric; R, Radioactive; S, Sample.  
Logs in Texas Water Development Board files

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
BU-67-19-111	Ashley and Co.	State of Texas, San Marcos River Bed No. 1	1958	2,040	430	E
113	Fisk and Morehead Oil Interests	Eva Shanklin No. 1	1957	2,514	439	E
208	A-Bear Oil Co.	G. C. Walker No. 1	1969	2,670	400	E
403	Forrest C. Lattner	Dr. J. T. O'Banion No. 7	1961	2,241	391	E
641	Claude V. Brown	Matthews and E. I. Moses No. 5	1957	2,646	370	E
20-405	Sam Macco Oil Operations	Gus T. Brown No. 1	1949	3,372	360	E
406	Lulling Oil and Gas Co.	J. F. Webb No. 1	1948	3,232	400	E
709	E. Constantin, Jr.	— Watson No. 1	1965	1,450	370	E
803	Walter T. Brown and James C. Callaway	H. M. Ainsworth, et al. No. 1	1959	1,795	451	E
804	J. Kenneth Blackmar	H. N. Ainsworth No. 1	1965	1,707	372	E

# CALDWELL COUNTY

## Table 3.—Water Levels in Selected Wells

Water-level measurements, in feet, above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well BU-67-02-502</b>		<b>Well BU-67-03-706</b>		<b>Well BU-67-03-805—Continued</b>	
Owner: J. A. Pfeiffer		Owner: E. H. Strandtman		Feb. 16, 1946	13.97
Oct. 24, 1963	7.90	Jan. 25, 1946	17.00	Feb. 25, 1946	13.81
Nov. 5, 1963	11.07	Feb. 9, 1946	17.26	Mar. 9, 1946	13.80
Nov. 19, 1963	11.23	Feb. 16, 1946	17.30	Mar. 18, 1946	13.53
Dec. 9, 1963	11.46	Feb. 25, 1946	17.24	Mar. 30, 1946	13.55
Dec. 30, 1963	11.65	Mar. 9, 1946	17.20	Apr. 8, 1946	13.55
Mar. 2, 1964	12.03	Mar. 18, 1946	16.87	Apr. 20, 1946	13.63
Apr. 24, 1964	12.21	Mar. 30, 1946	16.78	Apr. 27, 1946	13.64
June 20, 1964	11.74	Apr. 8, 1946	16.81	May 4, 1946	13.51
Jan. 20, 1965	12.69	Apr. 20, 1946	16.89	May 18, 1946	13.43
Feb. 9, 1966	8.05	Apr. 27, 1946	17.01	May 24, 1946	13.51
Feb. 17, 1967	6.38	May 4, 1946	16.95	June 8, 1946	13.48
Feb. 9, 1968	4.50	May 18, 1946	16.81	June 15, 1946	13.42
Mar. 28, 1969	2.61	May 24, 1946	16.78	June 29, 1946	18.48
Jan. 14, 1970	3.08	June 8, 1946	16.65	Nov. 6, 1963	18.44
Apr. 15, 1970	2.86	June 15, 1946	16.62	Nov. 19, 1963	18.46
Apr. 22, 1971	5.47	June 29, 1946	16.62	Dec. 30, 1963	18.55
Apr. 18, 1972	10.27	Nov. 6, 1963	19.60	Feb. 20, 1964	18.70
<b>Well BU-67-03-703</b>		Dec. 30, 1963	19.77	Apr. 24, 1964	18.96
Owner: Edwin Ahlhardt		Feb. 20, 1964	19.91	Jan. 20, 1965	18.92
Jan. 24, 1946	22.94	Apr. 24, 1964	20.07	Feb. 9, 1966	16.43
Oct. 24, 1963	23.54	June 20, 1964	20.01	Feb. 17, 1967	17.40
Dec. 30, 1963	23.82	Jan. 20, 1965	20.26	Feb. 9, 1968	15.50
Mar. 2, 1964	23.54	Feb. 9, 1966	18.60	Mar. 28, 1969	15.67
Apr. 24, 1964	23.62	Feb. 17, 1967	18.67	Jan. 14, 1970	14.18
June 20, 1964	23.68	Feb. 9, 1968	16.01	Apr. 15, 1970	13.56
Jan. 20, 1965	23.50	Mar. 28, 1969	16.73	Apr. 22, 1971	16.16
Feb. 9, 1966	22.80	Jan. 14, 1970	17.10	Apr. 18, 1972	18.40
Feb. 17, 1967	23.34	Apr. 15, 1970	16.20	<b>Well BU-67-04-503</b>	
Feb. 9, 1968	20.90	Apr. 22, 1971	18.63	Owner: M. R. Riddle	
Mar. 28, 1969	22.07	Apr. 18, 1972	19.78	Apr. 12, 1946	58.28
Jan. 14, 1970	22.37	<b>Well BU-67-03-805</b>		May 28, 1952	57.21
Apr. 15, 1970	21.19	Owner: W. W. Cardwell		Sept. 30, 1952	57.16
Apr. 22, 1971	21.31	Jan. 29, 1946	13.01	Feb. 16, 1953	58.60
Apr. 18, 1972	23.38	Feb. 9, 1946	13.80	Mar. 21, 1953	55.90

**Table 3.—Water Levels in Selected Wells in Caldwell County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well BU-67-04-503—Continued</b>		<b>Well BU-67-04-503—Continued</b>		<b>Well BU-67-04-902—Continued</b>	
May 7, 1953	56.74	May 16, 1957	56.44	June 14, 1954	117.46
July 7, 1953	57.99	June 19, 1957	57.40	July 15, 1954	117.19
Oct. 15, 1953	57.33	July 19, 1957	58.24	Aug. 12, 1954	119.29
Feb. 10, 1954	57.03	Aug. 8, 1957	59.61	Sept. 16, 1954	124.78
Mar. 9, 1954	57.44	Nov. 20, 1957	56.28	Oct. 15, 1954	120.78
Apr. 6, 1954	57.97	Mar. 27, 1958	55.76	Nov. 19, 1954	121.87
May 13, 1954	61.73	May 27, 1958	56.66	Dec. 16, 1954	121.61
June 14, 1954	58.40	Aug. 25, 1958	56.96	Jan. 17, 1955	121.24
July 15, 1954	60.20	Nov. 24, 1959	57.04	May 11, 1955	117.07
Aug. 12, 1954	58.34	Sept. 12, 1960	55.88	June 10, 1955	117.33
Sept. 16, 1954	59.44	Sept. 24, 1962	54.40	July 21, 1955	118.13
Oct. 15, 1954	57.81	Nov. 1, 1963	55.03	Aug. 18, 1955	118.76
Nov. 19, 1954	59.17	Dec. 31, 1963	54.61	Sept. 14, 1955	119.08
Dec. 16, 1954	57.80	Feb. 20, 1964	54.45	Oct. 13, 1955	119.51
Jan. 17, 1955	58.42	Jan. 20, 1965	55.01	Nov. 17, 1955	119.69
May 11, 1955	56.96	Feb. 9, 1966	53.98	Dec. 16, 1955	119.42
June 10, 1955	57.18	Feb. 17, 1967	54.20	Jan. 19, 1956	119.17
July 21, 1955	59.41	Feb. 12, 1968	52.64	Feb. 16, 1956	119.12
Aug. 18, 1955	58.87	Mar. 27, 1969	54.63	Mar. 19, 1956	119.28
Sept. 14, 1955	59.48	Jan. 13, 1970	52.57	Apr. 19, 1956	119.13
Oct. 13, 1955	57.64	Apr. 15, 1970	53.90	May 16, 1956	118.56
Nov. 17, 1955	57.31	Apr. 22, 1971	51.23	June 21, 1956	117.15
Dec. 16, 1955	56.82	Apr. 18, 1972	51.21	July 16, 1956	117.24
Jan. 19, 1956	56.60			Aug. 14, 1956	117.27
Feb. 16, 1956	56.27	<b>Well BU-67-04-902</b>		Sept. 13, 1956	117.24
Mar. 19, 1956	57.29	Owner: Dan T. Lackey		Oct. 16, 1956	117.26
Apr. 16, 1956	57.82	Apr. 17, 1946	120.37	Nov. 20, 1956	117.54
May 16, 1956	58.73	July 25, 1952	117.33	Dec. 14, 1956	117.33
June 21, 1956	57.49	Sept. 30, 1952	115.91	Mar. 21, 1957	121.62
July 16, 1956	58.91	Feb. 16, 1953	116.37	May 16, 1957	130.67
Aug. 14, 1956	58.98	Mar. 21, 1953	116.21	June 19, 1957	137.29
Sept. 13, 1956	57.98	May 7, 1953	116.21	July 19, 1957	126.73
Oct. 16, 1956	57.29	July 7, 1953	116.43	Aug. 8, 1957	124.63
Nov. 20, 1956	57.15	Oct. 15, 1953	116.03	Nov. 19, 1957	118.22
Dec. 14, 1956	57.30	Feb. 10, 1954	116.60	Mar. 27, 1958	117.41
Jan. 14, 1957	56.79	Mar. 9, 1954	117.28	May 27, 1958	117.45
Feb. 14, 1957	57.75	Apr. 6, 1954	117.35	Aug. 25, 1958	117.32
Mar. 21, 1957	56.34	May 13, 1954	116.94	Nov. 25, 1959	116.50

Table 3.—Water Levels in Selected Wells in Caldwell County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well BU-67-04-902—Continued</b>		<b>Well BU-67-10-104—Continued</b>		<b>Well BU-67-10-203—Continued</b>	
Sept. 12, 1960	115.97	June 20, 1964	20.56	Jan. 14, 1970	5.83
Oct. 20, 1961	116.62	Jan. 20, 1965	19.74	Apr. 9, 1970	5.94
Sept. 24, 1962	114.08	Feb. 9, 1966	17.44	Apr. 22, 1971	17.10
Nov. 1, 1963	113.41	Feb. 9, 1968	13.10	Apr. 18, 1972	11.00
Dec. 31, 1963	113.33	Mar. 27, 1969	15.90		
Feb. 20, 1964	113.12	Jan. 14, 1970	16.96	<b>Well BU-67-10-802</b>	
Jan. 20, 1965	112.84	Apr. 9, 1970	15.09	Owner: T. E. Hightower	
Feb. 7, 1966	111.78	Apr. 22, 1971	17.78	Apr. 8, 1946	22.23
Feb. 16, 1967	111.75	Apr. 18, 1972	20.67	Nov. 12, 1963	22.94
Feb. 12, 1968	111.22			Dec. 30, 1963	22.89
Mar. 27, 1969	111.09	<b>Well BU-67-10-109</b>		Mar. 2, 1964	22.73
Jan. 13, 1970	97.56	Owner: Robert Harper		Apr. 24, 1964	22.79
Apr. 15, 1970	110.76	Nov. 8, 1963	28.04	Jan. 20, 1965	23.19
Apr. 22, 1971	110.55	Dec. 30, 1963	28.20	Jan. 8, 1966	21.56
Apr. 18, 1972	110.95	Mar. 2, 1964	28.47	Feb. 17, 1967	23.23
		Apr. 24, 1964	29.36	Feb. 9, 1968	22.34
		June 20, 1964	28.68	Mar. 27, 1969	21.51
<b>Well BU-67-09-304</b>		Feb. 9, 1966	27.27	Jan. 14, 1970	22.24
Owner: A. A. Harper		Feb. 17, 1967	26.64	Apr. 9, 1970	9.10
Nov. 7, 1963	28.42	Feb. 9, 1968	27.74	Apr. 22, 1971	23.17
Dec. 30, 1963	29.04	Mar. 27, 1969	25.09	Apr. 18, 1972	10.26
Mar. 2, 1964	29.41	Jan. 14, 1970	25.72		
Apr. 24, 1964	29.62	Apr. 9, 1970	24.88	<b>Well BU-67-11-307</b>	
June 20, 1964	28.60	Apr. 27, 1971	26.23	Owner: Mrs. Bernice Williams	
Jan. 20, 1965	26.29	Apr. 20, 1972	28.97	Apr. 16, 1946	36.4
Feb. 9, 1966	26.06			Mar. 3, 1964	41.9
Feb. 17, 1967	28.23	<b>Well BU-67-10-203</b>		Jan. 25, 1965	43.89
Feb. 9, 1968	24.69	Owner: Herbert Conrad		Feb. 7, 1966	43.49
Mar. 27, 1969	24.77	Aug. 9, 1946	7	Feb. 17, 1967	41.20
Jan. 14, 1970	27.21	Nov. 13, 1963	9.35	Feb. 12, 1968	40.34
Apr. 9, 1970	26.57	Dec. 30, 1963	8.98	Mar. 28, 1969	38.00
Apr. 22, 1971	28.40	Mar. 2, 1964	7.27	Apr. 16, 1970	35.84
Apr. 18, 1972	28.60	Apr. 24, 1964	7.75	Apr. 16, 1971	34.87
		June 20, 1964	7.38	Apr. 18, 1972	36.40
<b>Well BU-67-10-104</b>		Jan. 20, 1965	6.94		
Owner: Memory Lawn Memorial Park, Inc.		Feb. 8, 1966	6.77	<b>Well BU-67-11-501</b>	
Nov. 8, 1963	20.75	Feb. 17, 1967	7.89	Owner: Vernon Blackwell	
Dec. 30, 1963	20.86	Feb. 9, 1968	5.63	Mar. 20, 1946	80.45
Mar. 2, 1964	20.89	Mar. 27, 1969	5.33	July 25, 1952	80.85
Apr. 24, 1964	21.04			Sept. 29, 1952	80.97

**Table 3.—Water Levels in Selected Wells in Caldwell County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well BU-67-11-501—Continued</b>		<b>Well BU-67-11-501—Continued</b>		<b>Well BU-67-12-111</b>	
Feb. 16, 1953	80.29	Feb. 14, 1957	84.13	Owner: Paul Mohle	
Mar. 21, 1953	80.11	Mar. 21, 1957	84.03	Jan. 7, 1964	50.92
May 7, 1953	80.07	May 16, 1957	84.14	Jan. 20, 1965	54.50
July 7, 1953	79.63	June 18, 1957	84.27	Feb. 7, 1966	51.09
Oct. 15, 1953	80.56	July 19, 1957	84.84	Feb. 17, 1967	51.86
Feb. 10, 1954	80.42	Aug. 8, 1957	84.74	Feb. 12, 1968	51.12
Mar. 9, 1954	80.52	Nov. 19, 1957	84.24	Mar. 27, 1969	51.20
Apr. 6, 1954	80.61	Mar. 24, 1958	83.52	Jan. 13, 1970	48.76
May 13, 1954	80.59	May 27, 1958	83.32	Apr. 15, 1970	46.36
June 14, 1954	81.12	Aug. 25, 1958	83.64	Apr. 22, 1971	64.40
July 15, 1954	81.18	Nov. 24, 1959	84.53	Apr. 18, 1972	54.48
Aug. 12, 1954	81.50	Sept. 9, 1960	84.69	<b>Well BU-67-12-303</b>	
Sept. 16, 1954	81.43	Oct. 20, 1961	84.25	Owner: J. J. Brown	
Oct. 15, 1954	81.72	Sept. 24, 1962	85.04	June 20, 1946	63.81
Nov. 19, 1954	81.72	Oct. 31, 1963	85.77	Sept. 29, 1952	61.24
Dec. 17, 1954	81.28	Dec. 30, 1963	85.82	Feb. 16, 1953	60.80
Jan. 17, 1955	81.03	Mar. 3, 1964	85.56	Mar. 21, 1953	60.55
May 11, 1955	82.42	Jan. 20, 1965	86.22	May 7, 1953	60.76
June 10, 1955	84.00	Feb. 7, 1966	85.69	July 7, 1953	60.57
July 21, 1955	84.54	Feb. 17, 1967	85.42	Oct. 15, 1953	60.55
Aug. 18, 1955	83.23	Feb. 9, 1968	85.22	Feb. 10, 1954	60.26
Sept. 14, 1955	83.18	Mar. 28, 1969	83.98	Mar. 9, 1954	61.88
Oct. 13, 1955	83.85	Jan. 14, 1970	83.14	Apr. 6, 1954	60.38
Nov. 18, 1955	83.39	Apr. 17, 1970	82.80	May 13, 1954	60.36
Dec. 16, 1955	83.13	Apr. 15, 1971	80.93	June 14, 1954	60.52
Jan. 19, 1956	83.31	Apr. 18, 1972	82.18	July 15, 1954	60.74
Feb. 28, 1956	83.31	<b>Well BU-67-11-905</b>		Aug. 12, 1954	60.86
Mar. 19, 1956	83.49	Owner: Thomas Wilson, Jr.		Sept. 16, 1954	60.83
Apr. 19, 1956	83.33	Dec. 18, 1963	29.1	Oct. 15, 1954	61.24
May 16, 1956	83.12	Jan. 25, 1965	27.05	Nov. 19, 1954	61.69
June 20, 1956	83.51	Feb. 9, 1968	26.62	Dec. 16, 1954	61.64
July 16, 1956	83.99	Dec. 8, 1969	22.10	Jan. 17, 1955	61.24
Aug. 14, 1956	84.07	Apr. 17, 1970	21.08	May 11, 1955	61.38
Sept. 13, 1956	83.95	Apr. 16, 1971	21.21	June 10, 1955	61.46
Oct. 16, 1956	84.16	Apr. 20, 1972	32.01	July 21, 1955	61.77
Nov. 20, 1956	84.00			Aug. 18, 1955	61.30
Dec. 14, 1956	84.08			Sept. 14, 1955	63.06
Jan. 14, 1957	84.14				



Table 3.—Water Levels in Selected Wells in Caldwell County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well BU-67-12-303—Continued</b>		<b>Well BU-67-12-303—Continued</b>		<b>Well BU-67-12-503—Continued</b>	
Oct. 13, 1955	63.08	Jan. 13, 1970	61.33	June 10, 1955	14.99
Nov. 17, 1955	61.63	Apr. 16, 1970	58.98	July 21, 1955	15.36
Dec. 16, 1955	61.77	Apr. 14, 1971	56.20	Aug. 18, 1955	15.58
Jan. 19, 1956	61.89	Apr. 19, 1972	61.32	Sept. 14, 1955	16.00
Feb. 16, 1956	61.77			Oct. 13, 1955	16.08
Mar. 19, 1956	61.95	<b>Well BU-67-12-409</b>		Nov. 17, 1955	16.50
Apr. 19, 1956	61.78	Owner: Charles Bowers		Dec. 16, 1955	16.40
May 16, 1956	62.12	Dec. 4, 1963	62.94	Jan. 19, 1956	16.35
June 22, 1956	62.13	Jan. 20, 1965	68.70	Feb. 16, 1956	16.18
July 17, 1956	62.98	Feb. 7, 1966	62.30	Mar. 19, 1956	16.49
Aug. 14, 1956	62.28	Feb. 17, 1967	67.65	Apr. 19, 1956	16.63
Sept. 13, 1956	63.14	Feb. 12, 1968	66.64	May 16, 1956	16.80
Oct. 16, 1956	62.56	Mar. 27, 1969	65.96	June 21, 1956	16.83
Nov. 20, 1956	63.85	Jan. 14, 1970	59.23	July 16, 1956	17.15
Dec. 12, 1956	62.68	Apr. 16, 1970	45.50	Aug. 14, 1956	17.52
Jan. 17, 1957	62.68	Apr. 22, 1971	61.63	Sept. 13, 1956	17.77
Feb. 13, 1957	63.05	Apr. 19, 1972	62.16	Oct. 16, 1956	18.01
Mar. 21, 1957	62.51			Nov. 20, 1956	18.03
May 16, 1957	63.03	<b>Well BU-67-12-503</b>		Dec. 14, 1956	18.16
June 19, 1957	62.98	Owner: Howard Taylor		Jan. 14, 1957	18.19
July 19, 1957	63.60	Feb. 15, 1946	5	Feb. 13, 1957	18.24
Aug. 8, 1957	63.69	Feb. 17, 1953	12.7	Mar. 21, 1957	17.96
Nov. 20, 1957	63.22	Mar. 21, 1953	12.06	May 16, 1957	17.46
Mar. 27, 1958	63.40	May 7, 1953	11.96	June 19, 1957	16.91
May 27, 1958	63.28	July 7, 1953	12.22	July 19, 1957	16.96
Aug. 25, 1958	64.50	Oct. 15, 1953	13.50	Aug. 8, 1957	17.30
Nov. 24, 1959	62.27	Feb. 10, 1954	13.62	Nov. 20, 1957	16.56
Sept. 12, 1960	62.12	Mar. 9, 1954	13.07	Mar. 27, 1958	14.78
Oct. 20, 1961	62.45	Apr. 6, 1954	12.87	May 27, 1958	14.69
Sept. 24, 1962	62.72	May 13, 1954	12.89	Aug. 25, 1958	16.01
Nov. 1, 1963	62.55	June 14, 1954	13.29	Nov. 24, 1959	16.64
Dec. 31, 1963	63.69	July 15, 1954	13.78	Sept. 12, 1960	16.28
Feb. 20, 1964	63.32	Aug. 12, 1954	13.89	Oct. 20, 1961	14.50
Jan. 25, 1965	64.56	Sept. 16, 1954	14.23	Nov. 1, 1963	17.68
Feb. 7, 1966	63.90	Oct. 15, 1954	14.75	Feb. 20, 1964	17.41
Feb. 16, 1967	63.91	Nov. 19, 1954	14.83	Jan. 25, 1965	17.40
Feb. 12, 1968	62.82	Dec. 16, 1954	14.79	Feb. 7, 1966	15.64
Mar. 28, 1969	63.27	Jan. 17, 1955	14.79	Feb. 16, 1967	16.70
		May 11, 1955	15.16		

**Table 3.—Water Levels in Selected Wells in Caldwell County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL			
<b>Well BU-67-12-503—Continued</b>			<b>Well BU-67-12-601—Continued</b>			<b>Well BU-67-13-605—Continued</b>		
Feb. 12, 1968	16.42	May 16, 1957	78.41	Feb. 16, 1967	91.88			
Mar. 28, 1969	14.66	June 19, 1957	77.85	Feb. 12, 1968	91.98			
Jan. 13, 1970	16.83	July 19, 1957	76.83	Mar. 21, 1969	90.60			
Apr. 16, 1970	15.19	Aug. 8, 1957	76.17	Jan. 12, 1970	91.99			
Apr. 14, 1971	17.31	Mar. 27, 1958	76.74	Apr. 16, 1970	94.08			
Apr. 19, 1972	18.65	May 27, 1958	76.45	Apr. 14, 1971	94.00			
<b>Well BU-67-12-601</b>			Aug. 25, 1958	76.88	Apr. 19, 1972	91.14		
Owner: Mrs. Mamie McGee			Nov. 24, 1959	77.49	<b>Well BU-67-13-702</b>			
June 20, 1946	70	Sept. 12, 1960	79.47	Owner: Hershey Linder				
Feb. 17, 1953	75.02	Oct. 20, 1961	76.24	Nov. 1, 1963	132.90			
Mar. 21, 1953	73.65	Sept. 24, 1962	76.63	Jan. 25, 1965	137.47			
May 7, 1953	74.19	Dec. 31, 1963	80.24	Feb. 8, 1966	137.27			
July 7, 1953	74.43	Jan. 25, 1965	77.88	Apr. 16, 1970	138.37			
Feb. 10, 1954	79.92	Feb. 8, 1966	77.55	Apr. 15, 1971	139.25			
Apr. 6, 1954	75.00	Feb. 16, 1967	76.49	Apr. 19, 1972	146.64			
May 13, 1954	75.14	Feb. 12, 1968	75.29	<b>Well BU-67-13-801</b>				
June 14, 1954	75.45	Mar. 27, 1969	74.15	Owner: J. J. Holloway				
July 15, 1954	76.30	Jan. 13, 1970	73.97	1923	40			
Aug. 12, 1954	76.32	Apr. 16, 1970	74.10	Jan. 10, 1964	51.92			
Sept. 16, 1954	79.20	Apr. 14, 1971	75.27	Feb. 16, 1967	51.43			
Oct. 15, 1954	75.95	Apr. 19, 1972	75.82	Feb. 12, 1968	51.22			
Nov. 19, 1954	79.83	<b>Well BU-67-13-102</b>				Mar. 27, 1969	50.67	
Dec. 16, 1954	75.92	Owner: Louis Crouch				Jan. 12, 1970	50.06	
Jan. 17, 1955	76.02	Jan. 14, 1964	165.01	Apr. 16, 1970	50.28			
May 11, 1955	79.10	Jan. 25, 1965	166.31	Apr. 15, 1971	54.80			
June 10, 1955	76.06	Jan. 12, 1970	183.54	Apr. 19, 1972	50.25			
July 21, 1955	78.49	Apr. 16, 1970	181.49	<b>Well BU-67-14-402</b>				
Aug. 18, 1955	77.52	<b>Well BU-67-13-201</b>				Owner: Loy Duddleston		
Nov. 17, 1955	78.06	Owner: Adolph Goertz				Jan. 13, 1964	44.31	
Dec. 12, 1955	76.93	Jan. 12, 1970	142.26	Feb. 19, 1964	44.14			
Feb. 16, 1956	76.58	Apr. 16, 1970	142.14	Jan. 25, 1965	44.16			
May 16, 1956	77.07	Apr. 14, 1971	143.80	Feb. 9, 1966	43.47			
June 21, 1956	79.37	Apr. 19, 1972	142.25	Feb. 16, 1967	43.38			
Oct. 16, 1956	76.57	<b>Well BU-67-13-605</b>				Feb. 12, 1968	43.12	
Dec. 14, 1956	78.27	Owner: C. S. Williams				Mar. 27, 1969	40.53	
Jan. 14, 1957	78.24	Jan. 10, 1964	92.95	Jan. 12, 1970	41.66			
Feb. 13, 1957	78.20	Feb. 8, 1966	93.56	Apr. 16, 1970	41.10			
Mar. 21, 1957	78.07							

Table 3.—Water Levels in Selected Wells in Caldwell County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well BU-67-14-402—Continued</b>		<b>Well BU-67-19-608—Continued</b>		<b>Well BU-67-19-609—Continued</b>	
Apr. 14, 1971	41.40	June 18, 1957	43.36	Oct. 20, 1961	44.93
Apr. 19, 1972	41.62	Nov. 19, 1957	44.85	Oct. 24, 1962	45.36
<b>Well BU-67-14-801</b>		Mar. 24, 1958	40.90	Oct. 31, 1963	46.90
Owner: William Boyer		Aug. 25, 1958	48.23	Dec. 31, 1963	46.18
Feb. 6, 1964	46.43	Nov. 24, 1959	44.50	Mar. 3, 1964	45.48
Aug. 12, 1970	41.60	Sept. 9, 1960	47.11	Jan. 20, 1965	46.79
Apr. 14, 1971	43.41	Oct. 20, 1961	48.35	Feb. 8, 1966	45.09
Apr. 19, 1972	43.33	Oct. 31, 1963	53.23	Feb. 17, 1967	46.51
<b>Well BU-67-19-306</b>		Dec. 31, 1963	50.11	Feb. 9, 1968	46.22
Owner: H. C. Dismukes		Mar. 3, 1964	48.18	Mar. 28, 1969	45.01
Jan. 8, 1964	116.72	Feb. 16, 1967	59.34	Jan. 8, 1970	53.06
Jan. 20, 1965	117.94	Feb. 8, 1968	63.40	Apr. 17, 1970	50.88
Feb. 8, 1966	118.18	Jan. 8, 1970	57.14	Apr. 15, 1971	55.80
Feb. 17, 1967	117.97	Apr. 17, 1970	48.35	Apr. 20, 1972	55.31
Feb. 9, 1968	116.94	Apr. 20, 1972	50.43	<b>Well BU-67-19-610</b>	
Mar. 27, 1969	116.81	<b>Well BU-67-19-609</b>		Owner: Mrs. M. F. Henton	
Jan. 14, 1970	122.26	Owner: T. I. Johnson		Feb. 7, 1946	45.52
Apr. 17, 1970	119.32	Aug. 6, 1946	44.94	July 24, 1952	49.12
Apr. 15, 1971	132.70	July 24, 1952	46.19	Sept. 29, 1952	48.71
Apr. 18, 1972	122.17	Sept. 29, 1952	45.55	Feb. 16, 1953	46.90
<b>Well BU-67-19-608</b>		Feb. 16, 1953	44.79	Oct. 20, 1953	55.54
Owner: Mobil Oil Co.		Oct. 20, 1953	50.83	Aug. 17, 1954	56.83
July 3, 1946	34.10	Aug. 17, 1954	47.74	Dec. 17, 1954	50.38
July 24, 1952	43.69	Dec. 17, 1954	46.75	May 13, 1955	51.97
Sept. 29, 1952	42.49	May 13, 1955	46.56	Aug. 22, 1955	52.27
Feb. 16, 1953	39.40	Aug. 22, 1955	46.59	Nov. 18, 1955	51.98
Oct. 20, 1953	42.85	Nov. 18, 1955	46.65	Feb. 28, 1956	55.38
Aug. 17, 1954	46.70	Feb. 28, 1956	46.37	June 20, 1956	53.48
Dec. 17, 1954	42.52	June 20, 1956	46.95	Sept. 13, 1956	58.96
May 13, 1955	44.59	Sept. 13, 1956	47.66	Feb. 14, 1957	51.16
Aug. 22, 1955	46.99	Feb. 14, 1957	46.92	June 18, 1957	48.80
Nov. 18, 1955	44.43	June 18, 1957	45.30	Mar. 24, 1958	46.30
Feb. 28, 1956	42.81	Nov. 19, 1957	45.30	Aug. 25, 1958	62.38
June 20, 1956	47.20	Mar. 24, 1958	44.00	Nov. 24, 1959	49.24
Sept. 13, 1956	48.02	Aug. 25, 1958	45.51	Sept. 9, 1960	50.74
Feb. 14, 1957	45.57	Nov. 24, 1959	45.45	Oct. 20, 1961	51.00
		Sept. 9, 1960	45.32	Sept. 24, 1962	54.23

Table 3.—Water Levels in Selected Wells in Caldwell County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well BU-67-19-610—Continued</b>		<b>Well BU-67-20-601</b>		<b>Well BU-67-20-603—Continued</b>	
Oct. 31, 1963	55.89	Owner: Abner Moore		Nov. 19, 1957	76.63
Dec. 31, 1963	51.71	Apr. 4, 1947	67.98	Mar. 24, 1958	76.71
Mar. 3, 1964	49.57	July 25, 1952	67.90	Aug. 25, 1958	76.80
Jan. 26, 1965	50.71	Sept. 29, 1952	68.28	Dec. 24, 1959	77.20
Feb. 8, 1966	48.36	Feb. 16, 1953	70.17	Sept. 9, 1960	77.35
Feb. 17, 1967	51.47	Oct. 20, 1953	68.55	Oct. 20, 1961	77.15
Feb. 9, 1968	53.18	Aug. 17, 1954	68.67	Sept. 24, 1962	77.27
Mar. 27, 1969	45.96	Dec. 17, 1954	68.92	Oct. 31, 1963	77.68
Jan. 7, 1970	47.44	May 13, 1955	69.44	Dec. 31, 1963	77.63
Apr. 17, 1970	47.02	Aug. 22, 1955	69.60	Jan. 25, 1965	78.19
Apr. 15, 1971	49.20	Nov. 18, 1955	69.80	Feb. 7, 1966	78.28
Apr. 20, 1972	52.90	Feb. 28, 1956	70.12	Feb. 16, 1967	78.25
<b>Well BU-67-20-103</b>		June 21, 1956	70.11	Feb. 12, 1968	78.04
Owner: John Davenport		Sept. 13, 1956	70.07	Mar. 28, 1969	77.88
Feb. 4, 1964	0.95	Feb. 14, 1957	71.46	Jan. 9, 1970	78.19
Mar. 4, 1964	0.97	June 18, 1957	71.55	Apr. 16, 1970	78.23
June 20, 1964	0.90	Nov. 19, 1957	72.29	Apr. 15, 1971	79.01
Jan. 25, 1965	0.66	Mar. 24, 1958	70.29	Apr. 20, 1972	79.40
Feb. 7, 1966	+ 0.53	Aug. 25, 1958	71.23	<b>Well BU-67-20-707</b>	
Feb. 16, 1967	1.39	Nov. 24, 1959	70.64	Owner: Dr. — Playfair	
Feb. 9, 1968	0.48	Sept. 9, 1960	72.00	Jan. 26, 1965	+ 0.85
Jan. 13, 1970	0.12	Oct. 20, 1961	70.35	Apr. 20, 1972	+ 0.78
Apr. 17, 1970	1.45	Sept. 24, 1962	70.21	<b>Well BU-67-20-802</b>	
Apr. 15, 1971	2.15	Oct. 31, 1963	70.90	Owner: Paul Zedler	
Apr. 20, 1972	2.38	Dec. 31, 1963	70.96	Nov. 1963	42
<b>Well BU-67-20-205</b>		Jan. 25, 1965	71.36	Jan. 26, 1965	57.01
Owner: Billy Dorris		Feb. 7, 1966	71.13	Jan. 8, 1966	51.79
Jan. 23, 1964	76.64	Feb. 16, 1967	71.08	Feb. 16, 1967	55.32
Jan. 25, 1965	76.60	Feb. 12, 1968	71.28	Feb. 8, 1968	57.02
Feb. 8, 1966	76.44	Mar. 27, 1969	70.75	Mar. 28, 1969	56.52
Feb. 16, 1967	76.67	Jan. 9, 1970	71.76	Jan. 9, 1970	52.52
Feb. 12, 1968	76.53	Apr. 17, 1970	72.28	Apr. 17, 1970	53.58
Mar. 27, 1969	75.45	Apr. 15, 1971	72.93	Apr. 15, 1971	55.80
Jan. 13, 1970	68.96	<b>Well BU-67-20-603</b>		Apr. 20, 1972	56.16
Apr. 17, 1970	75.12	Owner: G. T. Westbrook		<b>Well BU-67-21-104</b>	
Apr. 15, 1971	74.20	Feb. 14, 1957	76.14	Owner: J. Nickel	
Apr. 20, 1972	75.59	June 18, 1957	76.39	Jan. 23, 1964	78.46
				Jan. 25, 1965	78.80
				Jan. 8, 1966	78.61
				Feb. 12, 1968	78.28

CALDWELL COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)  
 Water-bearing unit: Kea, Edwards and associated limestones; Ew1, Wilcox Group; Ec, Carrizo Sand; Rr, Reklaw Formation; Eqs, Queen City Sand; Ew, Waches Formation; Eb, Bigford Formation; Eep, El Paso Clay; Es, Sparta Sand;  
 El, Larado Formation; Em, Cook Mountain Formation; Ey, Yegua Formation; Ej, Jackson Group; Ms, Orahoola Tuff; Mo, Oakville Sandstone; Ml, Largaite Clay; Qt, terrace gravel; Qal, alluvium.  
 Dissolved solids : The bicarbonate "reported" is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.  
 Analyses by Texas State Department of Health unless indicated by footnote.

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHMS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
2/ 66-58-60-703	Ew1	49	Feb. 27, 1946	--	--	--	--	--	--	66	28	41	--	62	--	--	165	--	--	--	--	--
2/ 704	Ew1	18	do	35	1.7	46	6.7	36	4.6	153	20	51	0.2	9.8	--	284	142	470	7.2	34.7	1.32	0.00
2/ 705	Ew1	47	July 1, 1946	--	--	--	--	--	--	84	13	102	--	41	--	--	225	--	--	--	--	--
2/ 706	Ew1	26	do	--	--	--	--	--	--	328	36	84	--	2.2	--	--	210	--	--	--	--	--
2/ 707	Ew1	150	Jan. 9, 1964	16	--	24	7.8	* 150	--	334	37	74	.6	.0	--	472	92	795	7.6	78.0	6.81	3.63
2/ 67-02-503	Qt	29	June 13, 1946	--	--	--	--	--	--	270	16	16	--	30	--	--	248	--	--	--	--	--
2/ 502	Qt	24	June 12, 1946	--	--	--	--	--	--	246	20	16	--	41	--	--	240	--	--	--	--	--
2/ 601	Qt	19	do	--	--	--	--	--	--	226	32	26	--	34	--	--	240	--	--	--	--	--
2/ 602	Qt	21	do	--	--	--	--	--	--	160	13	28	--	60	--	--	232	--	--	--	--	--
2/ 603	Qt	35	June 13, 1946	--	--	--	--	--	--	253	25	27	--	55	--	--	225	--	--	--	--	--
2/ 704	Qt	31	Mar. 28, 1946	--	--	--	--	--	--	294	65	71	--	59	--	--	315	--	--	--	--	--
2/ 705	Qal	22	do	--	--	--	--	--	--	286	34	64	--	47	--	--	300	--	--	--	--	--
2/ 706	Qal	25	do	--	--	--	--	--	--	356	65	141	--	176	--	--	525	--	--	--	--	--
2/ 801	Qt	22	Feb. 14, 1946	--	--	122	5.1	* 38	--	268	40	81	--	40	--	457	326	--	--	20.2	.91	.00
2/ 902	Qt	25	Mar. 28, 1946	--	--	--	--	--	--	264	110	158	--	58	--	--	450	--	--	--	--	--
2/ 905	Qt	24	do	--	--	--	--	--	--	248	65	239	--	38	--	--	405	--	--	--	--	--
2/ 03-301	Ew1	20	June 11, 1946	--	--	--	--	--	--	340	1,150	1,240	--	--	--	--	--	--	--	--	--	--
2/ 303	Ew1	67	do	--	--	--	--	--	--	298	24	54	--	0	--	--	225	--	--	--	--	--
2/ 304	Ew1	72	Feb. 27, 1946	--	--	--	--	--	--	336	85	560	--	1.5	--	--	668	--	--	--	--	--
2/ 401	Qt	14	June 12, 1946	--	--	--	--	--	--	308	65	32	--	25	--	--	255	--	--	--	--	--
2/ 402	Qt	30	do	--	--	--	--	--	--	284	54	70	--	33	--	--	248	--	--	--	--	--
2/ 601	Ew1	49	Apr. 12, 1946	--	--	--	--	--	--	412	80	94	--	.5	--	--	315	--	--	--	--	--
2/ 602	Ew1	35	June 11, 1946	--	--	--	--	--	--	340	765	148	--	--	--	--	--	--	--	--	--	--
2/ 603	Ew1	28	do	--	--	--	--	--	--	338	430	800	--	--	--	--	--	--	--	--	--	--
2/ 703	Qt	25	Jan. 24, 1946	--	--	--	--	--	--	326	46	22	--	26	--	--	322	--	--	--	--	--
2/ 705	Qt	23	Jan. 25, 1946	--	--	--	--	--	--	278	45	27	--	--	--	--	--	--	--	--	--	--
2/ 706	Qt	23	July 14, 1943	--	--	--	--	--	--	--	--	195	--	--	--	--	--	--	--	--	--	--
2/ 706	Qt	23	Aug. 23, 1943	--	--	--	--	--	--	--	--	209	--	--	--	--	--	--	--	--	--	--
2/ 706	Qt	23	Jan. 25, 1946	--	--	--	--	--	--	274	60	42	--	16	--	--	292	--	--	--	--	--
2/ 707	Qt	23	Jan. 24, 1946	--	--	--	--	--	--	272	26	20	--	20	--	--	315	--	--	--	--	--
2/ 708	Qt	16	do	--	--	--	--	--	--	253	35	26	--	--	--	--	--	--	--	--	--	--
2/ 709	Qt	17	do	--	--	--	--	--	--	282	26	38	--	39	--	--	300	--	--	--	--	--
2/ 711	Qt	31	do	--	--	--	--	--	--	316	45	57	--	26	--	--	285	--	--	--	--	--
2/ 712	Qt	22	do	--	--	--	--	--	--	298	45	30	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

GALDWELL COUNTY

Table 6.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS AS CaCO <sub>3</sub>	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
2/ BU-67-03-713	Qt	17	Jan. 24, 1946	--	--	--	--	--	--	303	90	100	--	--	--	--	--	--	--	--	--	--
2/ 715	Qt	12	Mar. 28, 1946	--	--	--	--	--	--	310	34	32	--	30	--	--	338	--	--	--	--	--
2/ 717	Qt	25	July 16, 1943	--	--	--	--	--	--	--	--	370	--	--	--	--	--	--	--	--	--	--
2/ 717	Qt	25	Aug. 23, 1943	--	--	--	--	--	--	--	--	390	--	--	--	--	--	--	--	--	--	--
2/ 717	Qt	25	Jan. 25, 1946	--	--	--	--	--	--	251	70	191	--	--	--	--	--	--	--	--	--	--
2/ 718	Qt	21	do	--	--	--	--	--	--	276	45	32	--	--	--	--	--	--	--	--	--	--
2/ 719	Qt	21	do	--	--	--	--	--	--	260	22	30	--	--	--	--	--	--	--	--	--	--
2/ 720	Qt	25	Aug. 23, 1943	--	--	--	--	--	--	--	--	30	--	--	--	--	--	--	--	--	--	--
2/ 720	Qt	25	Jan. 25, 1946	--	--	--	--	--	--	274	28	32	--	48	--	--	285	--	--	--	--	--
2/ 721	Qt	28	July 7, 1943	--	--	158	12	* 121	--	299	127	215	--	32	--	812	444	1,380	--	37.2	2.50	0.00
2/ 721	Qt	28	July 14, 1943	--	--	--	--	--	--	--	--	210	--	--	--	--	--	--	--	--	--	--
2/ 721	Qt	28	Aug. 23, 1943	--	--	--	--	--	--	--	--	197	--	--	--	--	--	--	--	--	--	--
2/ 721	Qt	28	Jan. 25, 1946	--	--	--	--	--	--	320	70	155	--	--	--	--	--	--	--	--	--	--
2/ 721	Qt	28	June 20, 1964	21	0.27	119	9.0	* 80	--	314	54	112	0.4	45	--	594	334	986	6.8	34.3	1.90	.00
2/ 722	Qt	15	Jan. 25, 1946	--	--	--	--	--	--	277	40	29	--	--	--	--	--	--	--	--	--	--
2/ 723	Qt	21	July 14, 1943	--	--	252	9.0	* 112	--	226	108	402	--	53	--	1,049	666	--	--	26.8	1.89	.00
2/ 723	Qt	21	Jan. 25, 1946	--	--	--	--	--	--	358	60	102	--	--	--	--	--	--	--	--	--	--
801	Qt	15	Mar. 16, 1943	17	.16	142	7	* 75	--	273	49	160	.4	53	--	640	384	--	7.2	29.8	1.66	.00
801	Qt	15	Mar. 31, 1944	20	.04	142	7	* 70	--	293	69	128	.4	55	--	635	384	--	7.2	28.5	1.56	.00
801	Qt	15	Apr. 3, 1945	21	.04	125	8	* 86	--	299	70	91	.4	106	--	654	345	--	7.5	35.2	2.01	.00
2/ 801	Qt	15	Feb. 8, 1946	14	.04	126	6.1	54	12	322	47	82	.0	54	--	553	340	--	7.3	24.8	1.28	.00
801	Qt	15	Aug. 12, 1947	19	.14	122	14	* 25	--	336	47	43	.2	40	--	475	362	--	7.2	13.1	.57	.00
801	Qt	15	May 4, 1951	21	.08	107	7	* 50	--	336	49	43	.2	23	--	465	296	--	7.4	26.9	1.27	.00
802	Qt	25	Mar. 16, 1943	25	.2	420	29	* 304	--	223	187	1,030	.4	20	--	2,124	1,167	--	7.1	36.2	3.87	.00
802	Qt	25	Apr. 2, 1944	32	.08	343	21	* 276	--	241	292	724	.4	27	--	1,833	943	--	7.2	38.9	3.91	.00
802	Qt	25	Apr. 3, 1945	32	.23	346	25	* 359	--	250	370	781	.5	71	--	2,107	1,167	--	7.2	44.7	5.02	.00
2/ 802	Qt	25	Feb. 8, 1946	12	.96	246	15	269	15	293	321	445	.6	60	--	1,547	676	--	7.4	45.7	4.50	.00
802	Qt	25	Aug. 12, 1947	25	.13	158	11	* 212	--	342	263	224	.2	38	--	1,099	439	--	7.5	51.2	4.40	.00
802	Qt	25	July 16, 1951	20	.05	109	7	* 116	--	329	141	85	.3	22	--	661	301	--	7.5	45.6	2.91	.00
803	Qt	15	Nov. 29, 1938	27	.05	168	15	* 99	--	290	86	211	.4	89	--	837	482	--	7.7	31.0	1.97	.00
803	Qt	15	Mar. 16, 1943	24	.08	286	19	* 167	--	183	121	604	.4	35	--	1,346	792	--	7.1	31.4	2.58	.00
803	Qt	15	Mar. 31, 1944	30	.12	285	18	* 204	--	250	220	540	.4	46	--	1,464	785	--	7.2	36.1	3.17	.00
803	Qt	15	Apr. 3, 1945	23	.06	207	14	* 199	--	281	200	355	.4	84	--	1,220	574	--	7.2	43.0	3.61	.00
2/ 803	Qt	15	Feb. 8, 1946	15	.14	166	10	147	111	308	174	218	.0	60	--	952	456	--	--	40.5	3.00	.00

See footnotes at end of Table.

CALDWELL COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDES (Cl)	FLOURIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
BU-67-03-803	Qt	15	Aug. 12, 1967	21	0.09	133	13	* 121	--	329	141	142	0.2	40	--	772	387	--	7.4	40.6	2.68	0.00
803	Qt	15	May 4, 1951	24	.06	104	8	* 116	--	323	109	103	.5	27	--	649	293	--	7.6	46.3	2.95	.00
803	Qt	15	Jan. 7, 1963	--	.02	114	9	* 85	--	311	72	101	.3	54	--	587	323	1,140	7.5	36.5	2.06	.00
804	Qt	25	May 4, 1951	21	.05	88	9	* 106	--	311	96	70	.4	26	--	568	257	--	7.6	47.3	2.88	.00
2/ 805	Qt	21	July 14, 1943	--	--	--	--	--	--	--	--	262	--	--	--	--	--	--	--	--	--	--
2/ 805	Qt	21	Aug. 23, 1943	--	--	--	--	--	--	--	--	315	--	--	--	--	--	--	--	--	--	--
2/ 805	Qt	21	Jan. 29, 1946	--	--	--	--	--	--	361	60	162	--	--	--	--	--	--	--	--	--	--
2/ 806	Qt	29	July 14, 1943	--	--	--	--	--	--	--	--	88	--	--	--	--	--	--	--	--	--	--
2/ 806	Qt	29	Aug. 23, 1943	--	--	--	--	--	--	--	--	84	--	--	--	--	--	--	--	--	--	--
2/ 806	Qt	29	Jan. 29, 1946	--	--	--	--	--	--	278	34	43	--	61	--	--	300	--	--	--	--	--
2/ 807	Qt	24	Jan. 24, 1946	--	--	--	--	--	--	381	90	72	--	--	--	--	--	--	--	--	--	--
2/ 808	Qt	18	Jan. 29, 1946	--	--	--	--	--	--	268	95	93	--	165	--	--	405	--	--	--	--	--
2/ 809	Qt	28	do	--	--	--	--	--	--	332	105	292	--	--	--	--	--	--	--	--	--	--
2/ 810	Qt	30	Jan. 24, 1946	--	--	--	--	--	--	340	230	327	--	102	--	--	--	--	--	--	--	--
2/ 811	Qt	35	Jan. 25, 1946	--	--	--	--	--	--	330	40	46	--	--	--	--	--	--	--	--	--	--
2/ 04-202	Ewi	27	Aug. 7, 1946	--	--	--	--	--	--	317	46	38	--	.0	--	--	300	--	--	--	--	--
2/ 401	Ewi	129	Apr. 12, 1946	--	--	--	--	--	--	508	90	408	--	2.5	--	--	465	--	--	--	--	--
2/ 501	Ewi	120	July 27, 1953	47	--	--	--	--	--	159	137	119	.1	.2	--	653	300	1,090	8.2	23.7	--	--
2/ 501	Ewi	120	Feb. 12, 1962	49	4.7	194	20	* 81	--	264	332	128	.2	.0	--	933	566	1,330	7.0	1.47	1.48	.00
2/ 502	Ewi	110	Mar. 14, 1946	36	.88	132	18	36	17	376	72	85	.0	.8	--	581	404	961	--	15.6	.78	.00
2/ 503	Ewi	82	Apr. 12, 1946	--	--	--	--	--	--	100	75	374	--	5.5	--	--	420	--	--	--	--	--
2/ 503	Ewi	82	Jan. 13, 1970	43	--	73	14	65	5	112	28	189	.1	4.5	--	476	238	814	7.0	36.5	1.82	.00
2/ 504	Ewi	150	Aug. 7, 1946	--	--	--	--	--	--	339	60	44	--	.0	--	--	228	--	--	--	--	--
2/ 506	Ewi	97	do	--	--	--	--	--	--	332	45	101	--	--	--	--	267	--	--	--	--	--
2/ 601	Ewi	185	Aug. 5, 1946	--	--	--	--	--	--	416	220	372	--	.0	--	--	1,140	--	--	--	--	--
2/ 602	Ewi	174	do	--	--	--	--	--	--	622	200	141	--	.0	--	--	525	--	--	--	--	--
2/ 701	Ewi	94	Apr. 4, 1947	--	--	118	23	* 43	--	236	120	116	0	2.0	--	538	389	909	--	19.4	.95	.00
2/ 709	Ewi	136	Sept. 26, 1963	--	--	172	45	545	16	305	725	650	--	--	--	2,302	--	4,044	7.1	63.1	9.57	.00
4/ 710	Ewi	445	Feb. 4, 1952	22	5.0	67.2	13.5	* 65.5	--	158.6	108.6	86	--	--	--	446	224	--	7.38	39.0	1.91	.00
2/ 801	Ewi	206	Aug. 2, 1946	--	--	--	--	--	--	370	26	35	--	--	--	--	132	--	--	--	--	--
2/ 901	Ewi	371	Aug. 3, 1946	--	--	--	--	--	--	266	25	152	--	--	--	--	210	--	--	--	--	--
2/ 902	Ewi	216	Apr. 17, 1946	--	--	--	--	--	--	592	480	180	--	--	--	--	675	--	--	--	--	--
2/ 904	Ewi	270	Nov. 6, 1969	31	--	92	36	54	4	261	23	186	.5	< .4	< 0.1	554	381	965	7.6	23.2	1.19	.00
2/ 905	Ewi	200	Aug. 3, 1946	--	--	--	--	--	--	352	20	76	--	--	--	--	237	--	--	--	--	--

See footnotes at end of table.

## CALDWELL COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCl <sub>2</sub>	SPECIFIC CONDUCTANCE (MICROMHMS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
2/ RD-67-04-906	Ewi	295	June 24, 1964	19	.64	108	88	* 451	--	604	244	610	0.1	2.0	--	1,818	632	3,000	7.3	60.9	7.81	.00
2/ 05-402	Ewi	200	Aug. 5, 1946	--	--	--	--	--	--	517	70	308	--	--	--	--	802	--	--	--	--	--
2/ 701	Ewi	165	Aug. 3, 1946	--	--	--	--	--	--	662	95	332	--	--	--	--	495	--	--	--	--	--
2/ 702	Ewi	350	Aug. 5, 1946	--	--	--	--	--	--	364	130	205	--	--	--	--	292	--	--	--	--	--
2/ 703	Ewi	160	June 24, 1964	15	.05	178	88	* 474	--	636	216	770	.3	3.0	--	2,056	806	3,410	7.0	56.1	7.27	.00
2/ 801	Ec	27	do	95	.00	26	13	* 60	--	32	17	96	1.1	83	--	406	118	565	6.0	52.4	2.40	.00
2/ 802	Ewi	419	do	38	5.6	80	16	* 99	--	236	4.8	200	.2	.2	--	554	266	1,010	7.4	44.8	2.65	.00
2/ 10-101	Qal	33	Feb. 1942	14	.08	90	23	18	3.4	325	19	21	.2	57	--	405	319	--	7.6	10.8	0.44	.00
2/ 103	Qal	29	June 13, 1946	--	--	--	--	--	--	265	60	102	--	60	--	--	300	--	--	--	--	--
2/ 201	Qal	25	Feb. 14, 1946	14	.06	244	28	155	22	265	183	426	.6	99	--	1,302	724	225	7.2	30.9	2.50	.00
2/ 202	Qal	34	Apr. 9, 1946	--	--	--	--	--	--	244	170	450	--	52	--	--	518	--	--	--	--	--
2/ 203	Qal	30	June 20, 1964	22	.40	178	19	* 189	--	268	273	268	.7	62	--	1,142	522	1,780	6.8	44.1	3.60	.00
2/ 501	Qal	35	Aug. 9, 1946	--	--	--	--	--	--	268	65	126	--	106	--	--	258	--	--	--	--	--
2/ 502	Qal	21	May 9, 1946	--	--	--	--	--	--	420	210	443	--	168	--	--	765	--	--	--	--	--
2/ 504	Qal	24	Apr. 8, 1946	--	--	--	--	--	--	296	55	30	--	38	--	--	270	--	--	--	--	--
2/ 801	Qal	34	Feb. 13, 1962	12	.00	78	16	11	.7	275	26	22	.3	3.8	0.10	304	260	538	6.7	8.4	.30	.00
2/ 802	Qal	30	Apr. 8, 1946	--	--	--	--	--	--	391	34	38	--	.5	--	--	248	--	--	--	--	--
2/ 901	Qal	27	Feb. 1963	15	.05	67	19	12	3.4	257	26	20	.6	10	--	298	245	--	8.0	9.4	.33	.00
2/ 907	Qal	18	Apr. 3, 1946	--	--	--	--	--	--	309	1,460	467	--	--	--	--	--	--	--	--	--	--
2/ 908	Ewi	30	do	--	--	--	--	--	--	638	340	308	--	231	--	--	405	--	--	--	--	--
2/ 11-101	Qt	20	Apr. 19, 1946	--	--	--	--	--	--	308	75	98	--	86	--	--	315	--	--	--	--	--
2/ 202	Qt	28	do	--	--	--	--	--	--	304	40	72	--	62	--	--	300	--	--	--	--	--
2/ 203	Qt	74	Mar. 20, 1946	--	--	--	--	--	--	346	100	720	--	260	--	--	765	--	--	--	--	--
2/ 204	Qt	29	do	--	--	--	--	--	--	357	20	157	--	150	--	--	502	--	--	--	--	--
2/ 301	Ewi	324	Feb. 14, 1952	16	5.0	85.8	9.6	* 81.2	--	373.3	27.7	67	--	--	--	475	254	--	7.35	41.0	2.22	1.05
2/ 306	Ewi	138	Mar. 3, 1964	33	.00	155	22	* 177	66	486	66	265	.2	24	--	980	477	1,680	7.4	44.7	3.53	.00
2/ 307	Ewi	73	Apr. 16, 1946	--	--	--	--	--	--	292	12	80	--	118	--	--	442	--	--	--	--	--
2/ 308	Qt	52	do	--	--	--	--	--	--	292	15	20	--	20	--	--	270	--	--	--	--	--
2/ 309	Ewi	100	Apr. 2, 1964	20	.10	92	2.6	* 17	--	272	15	20	.3	13	--	313	240	532	7.0	13.4	1.48	.00
2/ 310	Qt	50	Jan. 30, 1946	--	--	--	--	--	--	309	16	36	--	32	--	--	315	--	--	--	--	--
2/ 311	Ewi	110	Apr. 2, 1964	28	1.8	168	29	* 165	--	308	181	322	.5	1.2	--	1,045	538	1,780	7.4	40.0	3.10	.00
2/ 312	Ewi	2,500	Jan. 30, 1946	--	--	66	19	279	--	356	50	358	--	1.2	--	948	242	--	--	71.5	7.80	.99
2/ 501	Ewi	168	Mar. 20, 1946	--	--	--	--	--	--	344	140	156	--	.5	--	--	300	--	--	--	--	--
2/ 502	Ewi	94	do	--	--	--	--	--	--	300	650	430	--	30	--	--	930	--	--	--	--	--

See footnotes at end of table.



GALDWELL COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
2/ BU-67-11-601	Ewf	125	May 9, 1958	32	1.5	82	5.8	49	--	358	15	17	0.4	0.0	--	376	228	611	--	31.8	1.41	1.30
2/ 606	Ewf	150	May 3, 1946	--	--	--	--	--	--	252	14	30	--	85	--	--	232	--	--	--	--	--
2/ 607	Ewf	70	do	--	--	--	--	--	--	258	22	35	--	126	--	--	322	--	--	--	--	--
2/ 608	Ewf	86	do	--	--	--	--	--	--	265	16	33	--	130	--	--	322	--	--	--	--	--
2/ 618	Ewf	35	Feb. 2, 1946	--	--	364	67	* 172	--	432	613	400	--	1.5	--	1,829	1,180	--	--	24.0	2.17	.00
2/ 701	Ewf	30	Apr. 3, 1946	--	--	--	--	--	--	478	300	480	--	540	--	--	870	--	--	--	--	--
2/ 702	Ewf	42	do	--	--	--	--	--	--	542	55	104	--	0	--	--	225	--	--	--	--	--
2/ 703	Ewf	58	do	--	--	--	--	--	--	408	44	42	--	1.0	--	--	240	--	--	--	--	--
2/ 704	Ewf	65	do	--	--	--	--	--	--	38	850	190	--	--	--	--	900	--	--	--	--	--
2/ 705	Ewf	130	Nov. 16, 1963	28	.03	280	61	* 290	--	360	240	730	--	6.7	--	1,812	950	3,130	7.6	39.9	4.10	.00
2/ 801	Ewf	14	Mar. 20, 1946	--	--	--	--	--	--	106	100	49	--	110	--	--	270	--	--	--	--	--
2/ 902	Ewf	44	May 7, 1946	--	--	--	--	--	--	302	360	184	--	8.7	--	--	390	--	--	--	--	--
2/ 905	Ewf	203	Jan. 8, 1964	23	9.3	54	16	138	3.6	370	68	97	.3	.0	--	581	200	972	7.6	59.4	4.24	2.06
2/ 12-101	Ewf	240	Feb. 18, 1952	11	1.1	98.4	10	* 85.9	--	395.3	31.5	82	--	--	--	512	287	--	7.3	39.5	2.21	.75
2/ 101	Ewf	240	Aug. 11, 1952	38	.01	98	12	61	1.2	367	28	71	.2	.0	0.13	489	294	878	7.7	31.0	1.55	.14
4/ 102	Ewf	283	Apr. 24, 1952	15	16.1	34.4	6.8	* 197	--	339	44.3	154	--	--	--	634	114	--	7.8	79.1	8.04	3.29
4/ 102	Ewf	283	May 22, 1952	21	2.0	15.7	5.0	* 206.4	--	375	33.4	116	--	--	--	581	60	--	8.12	88.3	11.64	4.96
2/ 102	Ewf	283	Aug. 6, 1952	23	.37	19	6.6	201	.04	354	39	124	1.0	2.0	.40	591	74	1,030	7.6	85.4	10.13	4.32
4/ 103	Ewf	342	Feb. 9, 1952	26.8	1.0	88.6	18.4	* 69.7	--	363.6	27.3	86	--	--	--	495	--	--	7.25	33.8	1.76	.03
4/ 104	Ewf	484	Feb. 22, 1952	8	.5	24.6	7.8	* 159.1	--	293	81.2	80	--	--	--	505	93	--	7.9	78.8	7.18	2.95
4/ 105	Ewf	364	May 17, 1952	14	12.5	13	3.2	* 226.1	--	423	0	136	--	--	--	600	46	--	8.0	91.5	14.59	6.03
2/ 106	Ewf	100	June 17, 1946	--	--	--	--	--	--	57	140	179	--	34	--	--	315	--	--	--	--	--
2/ 107	Ewf	--	Aug. 23, 1943	37	.06	87	20	* 104	--	369	26	139	0	.2	--	594	299	986	7.8	43.0	2.61	.07
2/ 107	Ewf	--	Jan. 30, 1946	--	--	--	--	--	--	374	26	126	--	--	--	--	--	--	--	--	--	--
2/ 110	Ewf	39	June 27, 1946	--	--	--	--	--	--	294	90	209	--	1.0	--	--	330	--	--	--	--	--
2/ 111	Ewf	175	Jan. 13, 1970	33	--	70	17	66	?	90	133	136	.2	3.0	--	509	245	824	8.0	36.1	1.84	.00
2/ 112	Ewf	300	June 7, 1964	22	--	35	12	* 154	--	214	168	85	.3	.0	--	581	137	921	7.6	71.0	5.72	.77
4/ 113	Ewf	213	June 23, 1952	51	4.0	43.2	6.2	* 40.1	--	124.4	35.2	58	--	--	--	295	134	--	7.22	39.5	1.51	.00
4/ 114	Ewf	201	June 24, 1952	28	.1	74.8	5.5	* 44.3	--	209.8	35.8	68	--	--	--	359	210	--	7.25	31.6	1.34	.00
4/ 115	Ewf	552	Oct. 29, 1952	15.0	.1	9.6	3.5	* 221.3	--	398	26.2	116	--	--	--	587	38	--	8.4	92.7	15.62	.00
2/ 116	Ewf	240	Nov. 10, 1963	17	--	50	16	61	5	94	80	115	.3	.4	--	390	188	665	6.9	40.7	1.95	.00
2/ 202	Ewf	153	June 17, 1942	--	--	--	--	--	--	322	120	158	--	1.8	--	--	210	--	--	--	--	--
2/ 203	Ewf	100	June 19, 1946	--	--	--	--	--	--	164	50	206	--	.0	--	--	315	--	--	--	--	--
2/ 301	Ewf	300	Mar. 14, 1946	23	.19	96	59	134	16	430	96	229	.6	22	--	885	482	1,580	7.5	36.7	2.66	.00

See footnotes at end of table.

CALDWELL COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Pp)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	ESC
2/ BU-67-12-302	Bw1	126	July 16, 1946	--	--	--	--	--	--	338	60	230	--	0.0	--	--	315	--	--	--	--	--
2/ 303	Bw1	125	June 20, 1946	--	--	--	--	--	--	360	250	550	--	6.5	--	--	900	--	--	--	--	--
2/ 305	Bw1	345	do	--	--	--	--	--	--	296	150	375	--	--	--	--	555	--	--	--	--	--
2/ 306	Bw1	100	Aug. 2, 1966	--	--	--	--	--	--	302	40	80	--	.5	--	--	237	--	--	--	--	--
2/ 307	Bw1	140	do	--	--	--	--	--	--	446	45	181	--	22	--	--	420	--	--	--	--	--
2/ 406	Bw1	47	Apr. 16, 1946	--	--	--	--	--	--	330	16	22	--	45	--	--	330	--	--	--	--	--
2/ 407	Bw1	92	May 3, 1946	--	--	--	--	--	--	549	65	755	--	125	--	--	915	--	--	--	--	--
2/ 408	Bw1	113	do	--	--	--	--	--	--	307	17	25	--	.8	--	--	202	--	--	--	--	--
2/ 501	Bw1	340	Mar. 25, 1953	45	0.96	35	14	* 51	--	241	21	60	0.1	.0	--	364	194	619	7.5	36.3	1.59	0.06
2/ 501	Bw1	340	Apr. 14, 1964	43	1.7	62	17	57	3.1	232	44	85	.3	.0	0.11	425	224	708	6.8	35.2	1.66	.00
2/ 502	Bw1	320	Apr. 28, 1953	20	.2	56	9.6	* 60.2	--	212	30	74	--	--	--	354	180	--	7.97	42.3	1.96	.00
2/ 502	Bw1	320	May 23, 1953	65	.84	60	14	* 63	--	208	44	89	.4	.2	--	437	207	701	7.4	39.8	1.90	.00
2/ 502	Bw1	320	Apr. 15, 1964	48	1.7	55	14	56	4.2	212	43	75	.2	.0	.11	399	194	654	6.8	37.9	1.75	.00
2/ 503	Bw1	290	Feb. 15, 1946	--	--	--	--	--	--	82	70	104	--	--	--	--	240	--	--	--	--	--
2/ 516	Bw1	482	Nov. 10, 1952	14.0	.9	58.8	13.8	* 50.8	--	251.3	20.6	50	--	--	--	335	204	--	8.0	35.2	1.55	.06
2/ 516	Bw1	482	Nov. 13, 1952	36	1.4	66	14.4	* 59	--	246.4	26	86	--	--	--	408	223	--	7.3	36.5	1.72	.00
2/ 516	Bw1	482	Nov. 14, 1952	12	.4	28	6.3	* 155	--	327	37	88	--	--	--	487	96	--	7.85	77.8	6.88	3.44
2/ 517	Bw1	456	Apr. 22, 1953	8	.05	51	12.8	135	--	336	32	146	--	--	--	569	180	--	8.3	65.2	5.02	1.92
2/ 518	Bw1	50	May 17, 1966	--	--	--	--	--	--	312	56	286	--	.5	--	--	390	--	--	--	--	--
2/ 519	Bw1	160	Nov. 17, 1969	44	--	80	19	65	4	211	60	130	.3	< .4	--	506	276	815	7.6	33.6	1.71	.00
2/ 520	Bw1	368	Nov. 12, 1969	40	--	66	13	54	4	231	40	77	.4	< .4	--	408	221	660	7.3	34.1	1.57	.00
2/ 601	Bw1	352	June 20, 1946	--	--	--	--	--	--	390	30	106	--	--	--	--	330	--	--	--	--	--
2/ 603	Bw1	171	Feb. 15, 1946	--	--	--	--	--	--	101	7	181	--	.8	--	--	278	--	--	--	--	--
2/ 607	Bw1	71	June 19, 1946	--	--	--	--	--	--	50	764	338	--	1.5	--	--	990	--	--	--	--	--
2/ 701	Bw1	49	June 14, 1946	--	--	--	--	--	--	394	80	224	--	0	--	--	382	--	--	--	--	--
2/ 703	Qt	19	do	--	--	--	--	--	--	730	16	6	--	3.2	--	--	270	--	--	--	--	--
2/ 801	Bw1	34	May 17, 1946	--	--	--	--	--	--	122	40	57	--	9.6	--	--	72	--	--	--	--	--
2/ 803	Bw1	31	do	--	--	--	--	--	--	170	848	658	--	--	--	--	--	--	--	--	--	--
2/ 13-101	Bw1	620	Mar. 5, 1964	4.6	--	12	1.5	102	4.5	122	78	60	.2	1.2	.2	324	36	566	7.9	84.0	7.40	1.28
2/ 101	Bw1	620	Nov. 17, 1969	12	--	23	7	272	3	261	220	174	.4	< .4	--	839	85	1,360	7.6	87.0	12.87	2.59
2/ 102	Bw1	450	Mar. 5, 1964	19	--	67	17	81	7.9	209	103	106	.2	.0	.2	503	237	846	7.9	41.6	2.29	.00
2/ 102	Bw1	450	Nov. 17, 1969	15	--	39	10	143	5	305	102	75	.6	< .4	--	539	140	869	7.6	68.0	5.27	2.20
2/ 103	Bw1	302	Feb. 1964	30	20	535	120	* 190	--	374	802	780	.0	1.0	--	2,641	1,830	3,850	7.4	18.4	1.93	.00
2/ 201	Ec	198	Jan. 12, 1970	19	--	4	2	9	4	15	7	17	< .1	< .4	--	70	18	96	6.5	46.4	.93	.00

See footnotes at end of table.

## CALDWELL COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMOHMS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
2/ BU-67-12-502	Ec	240	Jan. 10, 1964	53	7.6	5.5	4.4	30	8.4	0	80	53	0.2	0.2	--	234	32	424	4.0	60.6	2.33	.00
2/ 601	Eqc	65	Apr. 18, 1946	--	--	--	--	--	--	72	90	96	--	76	--	--	96	--	--	--	--	--
2/ 605	Ec	470	Feb. 20, 1964	37	2.4	14	1.2	* 55	--	95	33	32	.4	.0	--	219	40	326	6.8	74.9	3.78	.76
2/ 605	Ec	470	Jan. 12, 1970	19	--	305	38	72	16	173	620	269	.5	< .4	--	1,444	1,000	1,940	7.8	13.4	1.00	.00
2/ 613	Er	100	June 20, 1964	25	16	118	57	* 131	--	94	99	448	.2	1.8	--	926	529	1,730	6.1	35.0	2.48	.00
2/ 13-702	Ec	270	June 20, 1964	25	--	6.0	9.5	* 20	--	65	15	20	.0	.0	--	127	54	206	6.1	44.6	1.18	.00
2/ 801	Ec	250	May 17, 1946	--	--	--	--	--	--	0	240	114	--	0	--	--	285	--	--	--	--	--
2/ 802	Ec	270	Feb. 19, 1964	37	--	195	41	* 104	--	225	356	230	.2	.2	--	1,073	655	1,660	6.9	25.7	1.77	.00
2/ 901	Eqc	16	Apr. 26, 1946	--	--	--	--	--	--	238	35	102	--	110	--	--	240	--	--	--	--	--
2/ 14-401	Eqc	120	Jan. 14, 1964	76	3.9	39	19	* 114	--	48	186	135	.1	.2	--	593	176	912	6.1	58.6	3.74	.00
2/ 403	Ec	500	Oct. 3, 1963	--	--	48	9	* 90	--	0	270	50	--	--	--	467	150	--	4.3	55.5	3.13	.00
2/ 403	Ec	500	Feb. 19, 1964	27	--	.2	.1	* 174	--	90	240	39	.2	.0	--	524	1	808	7.1	99.7	75.70	1.46
2/ 406	Ec	550	June 20, 1964	10	.49	105	26	* 41	--	268	199	22	.0	.0	--	534	369	868	7.3	19.4	.93	.00
2/ 701	Eqc	97	May 2, 1946	--	--	--	--	--	--	65	45	256	--	3.5	--	--	292	--	--	--	--	--
2/ 704	Eqc	110	Feb. 6, 1964	49	34	6.0	2.0	* 66	--	70	88	12	.2	.2	--	257	23	338	6.9	86.2	5.98	.69
2/ 801	Eqc	59	Feb. 19, 1964	45	--	74	20	* 78	--	66	6.0	261	.3	9.6	--	526	267	997	6.7	38.9	2.08	.00
2/ 801	Eqc	59	Aug. 12, 1970	46	--	52	10	54	4	106	13	128	.3	5.0	--	364	171	611	6.9	40.0	1.80	.00
2/ 19-108	Eqc	108	Apr. 3, 1946	--	--	--	--	--	--	308	260	845	--	1.5	--	--	1,210	--	--	--	--	--
2/ 201	Eqc	182	Mar. 20, 1946	--	--	--	--	--	--	226	500	231	--	.5	--	--	780	--	--	--	--	--
2/ 202	Eqc	123	Aug. 9, 1946	--	--	--	--	--	--	242	1,110	468	--	.0	--	--	1,080	--	--	--	--	--
2/ 301	Eqc	370	May 17, 1946	--	--	--	--	--	--	226	120	196	--	2.0	--	--	248	--	--	--	--	--
2/ 302	Eqc	190	Aug. 9, 1946	--	--	--	--	--	--	118	13	70	--	.0	--	--	120	--	--	--	--	--
2/ 304	Eqc	406	Jan. 8, 1964	11	--	13	8.1	* 866	--	720	16	920	--	1.8	--	2,169	66	3,840	8.1	96.5	45.30	10.49
2/ 306	Eqc	330	do	43	10	142	31	92	5.3	240	190	212	.8	.0	--	833	483	1,370	6.7	29.0	1.82	.00
2/ 306	Eqc	330	Jan. 14, 1970	35	--	126	30	106	4	290	180	177	.6	< .4	--	800	440	1,250	7.6	34.1	2.19	.00
2/ 308	Eqc	72	Jan. 8, 1964	45	10	75	21	117	4.3	190	172	146	.6	.0	--	673	274	1,080	6.6	47.7	3.08	.00
2/ 401	Eqc	27	June 25, 1946	--	--	--	--	--	--	538	140	164	--	24	--	--	525	--	--	--	--	--
2/ 402	Eqc	120	Aug. 6, 1946	--	--	--	--	--	--	407	50	83	--	.0	--	--	382	--	--	--	--	--
2/ 501	Eqc	180	Feb. 12, 1962	33	.98	58	27	72	4.1	290	42	98	.3	1.8	0.28	478	256	826	7.4	37.5	1.96	.00
2/ 502	Eqc	149	Apr. 22, 1946	--	--	--	--	--	--	258	55	158	--	.8	--	--	144	--	--	--	--	--
2/ 506	Eqc	36	June 25, 1946	--	--	--	--	--	--	360	8.0	18	--	9.6	--	--	330	--	--	--	--	--
2/ 507	Eqc	315	Feb. 12, 1946	--	8.5	--	--	--	--	366	3	84	--	.0	--	--	285	--	--	--	--	--
2/ 601	Eqc	259	Oct. 22, 1942	16	.24	12	5	* 409	--	653	163	167	< .4	< .4	--	1,092	51	--	8.3	94.6	25.03	9.70
2/ 601	Eqc	259	Feb. 1943	6.0	--	2.7	1.7	419	5.0	628	178	163	.2	.0	--	1,085	14	--	8.4	97.9	49.62	10.03

See footnotes at end of table.

CALDWELL COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	HSC
BU-67-19-601	Ewi	259	Aug. 19, 1943	21	0.05	29	7	* 385	--	628	180	168	0.5	< 0.4	--	1,100	102	--	8.3	89.2	16.63	8.27
601	Ewi	259	May 8, 1945	14	.05	5	1	* 430	--	609	196	176	.9	.9	--	1,321	17	--	8.4	98.3	46.06	9.66
601	Ewi	259	July 23, 1947	16	.25	10	4	* 444	--	732	161	170	.2	1.3	--	1,165	42	--	8.5	95.9	29.97	11.17
601	Ewi	259	Jan. 25, 1951	12	.06	11	6	* 430	--	652	183	185	.1	< .4	--	1,147	52	--	8.6	94.7	25.95	9.65
601	Ewi	259	June 21, 1954	10	.1	2	4	* 451	--	634	211	185	.3	.9	--	1,175	22	--	8.7	97.9	42.31	9.97
601	Ewi	259	Dec. 12, 1955	12	.05	2	1	* 440	--	591	221	178	.2	< .4	--	1,144	9	--	8.8	99.1	63.80	9.51
601	Ewi	259	June 6, 1960	--	.04	3	1	* 405	--	597	215	183	.2	< .4	--	1,100	13	1,916	8.5	98.7	51.96	9.56
2/ 602	Ewi	259	June 24, 1964	14	.00	2.0	1.0	433	1.6	570	227	175	.5	.2	0.84	1,134	9	1,840	8.3	98.8	62.80	8.70
601	Ewi	259	Dec. 2, 1969	11	< .02	2	2	433	1	530	240	170	.5	< .4	--	1,119	13	1,750	8.5	98.5	52.13	8.38
602	Ewi	304	Oct. 22, 1942	17	.26	15	6	* 405	--	560	223	174	.6	.7	--	1,109	62	--	8.7	93.4	22.38	7.94
2/ 602	Ewi	304	Feb. 1943	8.0	.09	2.0	1.4	416	5.2	545	227	170	.0	.0	--	1,098	11	--	8.4	98.1	54.57	8.70
602	Ewi	304	Aug. 19, 1943	23	.06	27	6	* 393	--	569	226	173	.5	< .4	--	1,127	92	--	8.5	90.3	17.83	7.49
602	Ewi	304	May 8, 1945	15	.06	7	1	* 404	--	546	218	174	.8	< .4	--	1,087	22	--	8.4	97.6	37.89	8.52
602	Ewi	304	June 23, 1947	19	.3	7	4	* 441	--	629	222	174	.2	1.3	--	1,177	34	--	9.0	96.6	32.89	9.64
605	Ewi	307	Dec. 12, 1955	12	.03	12	3	* 450	--	707	157	174	.2	< .4	--	1,155	12	--	9.0	95.8	30.03	10.74
605	Ewi	307	June 6, 1960	--	.05	6	2	* 500	--	666	170	343	.2	< .4	--	1,348	24	2,575	8.4	97.9	45.35	10.46
2/ 605	Ewi	307	June 20, 1964	14	.00	5.8	3.8	575	2.2	686	171	385	.4	.8	1.0	1,494	30	2,500	8.2	97.4	45.66	20.65
605	Ewi	307	Dec. 2, 1969	12	< .02	9	5	610	3	630	193	462	.5	< .4	--	1,605	43	2,590	8.5	96.6	40.44	9.80
2/ 606	Ewi	447	June 24, 1964	14	.00	1.5	1.8	505	2.3	718	202	220	.6	2.5	1.4	1,303	11	2,100	8.3	98.7	66.24	11.54
607	Ewi	331	Dec. 12, 1955	15	.18	2	1	* 441	--	731	123	170	.4	< .4	--	1,111	9	--	9.0	99.1	63.93	11.81
607	Ewi	331	June 7, 1960	--	.04	2	--	* 425	--	732	138	200	.3	< .4	--	1,125	12	1,956	8.5	--	--	--
2/ 607	Ewi	331	June 20, 1964	14	.17	1.2	1.7	488	3.4	716	155	229	.4	1.0	1.1	1,244	10	2,060	8.2	98.7	67.14	11.54
607	Ewi	331	Dec. 2, 1969	8	< .02	5	4	630	2	680	145	479	.6	< .4	--	1,607	29	2,570	8.6	97.8	51.12	11.13
2/ 608	Ewi	519	Feb. 7, 1946	15	.12	2.2	1.3	525	22	786	212	222	.4	1.2	--	1,388	11	2,310	8.3	96.7	70.49	12.68
2/ 609	Ewi	284	Aug. 6, 1946	--	--	--	--	--	--	803	3	1,410	--	--	--	--	--	--	--	--	--	--
2/ 612	Ewi	300	Feb. 7, 1946	26	.62	122	6.1	78	9.9	427	63	68	.0	.5	--	583	330	981	7.4	33.1	1.87	.41
2/ 613	Ewi	150	do	21	2.2	90	23	65	6.5	419	23	72	.0	.2	--	506	319	923	7.7	30.2	1.58	.49
613	Ewi	150	Dec. 4, 1969	18	--	49	18	115	3	394	19	77	.3	< .4	--	492	195	824	7.7	55.7	3.59	1.57
4/ 614	Ewi	260	Feb. 11, 1949	8	.3	77	26	* 101	--	215	76	188	--	--	--	581	301	--	8.05	42.3	2.54	.00
615	Ewi	230	Dec. 9, 1969	17	--	123	39	97	--	232	129	252	.2	< .4	.3	771	466	1,300	7.3	31.1	1.95	.00
5/ 628	Ewi	435	May 22, 1968	13	.15	6	3	* 379	--	512	95	235	--	--	--	982	26	1,460	8.37	96.8	31.45	7.85
629	Ewi	525	Dec. 8, 1967	12	--	3	2	520	1	730	197	214	.6	< .4	--	1,307	15	2,050	8.7	98.6	59.85	12.47
629	Ewi	525	Dec. 8, 1969	11	--	3	2	520	--	730	197	217	.4	< .4	1.3	1,308	14	2,065	8.7	98.8	60.91	12.36
2/ 20-101	Ewi	300	May 7, 1946	--	--	--	--	--	--	292	120	153	--	3.5	--	--	195	--	--	--	--	--

See footnotes at end of table.

CALDWELL COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

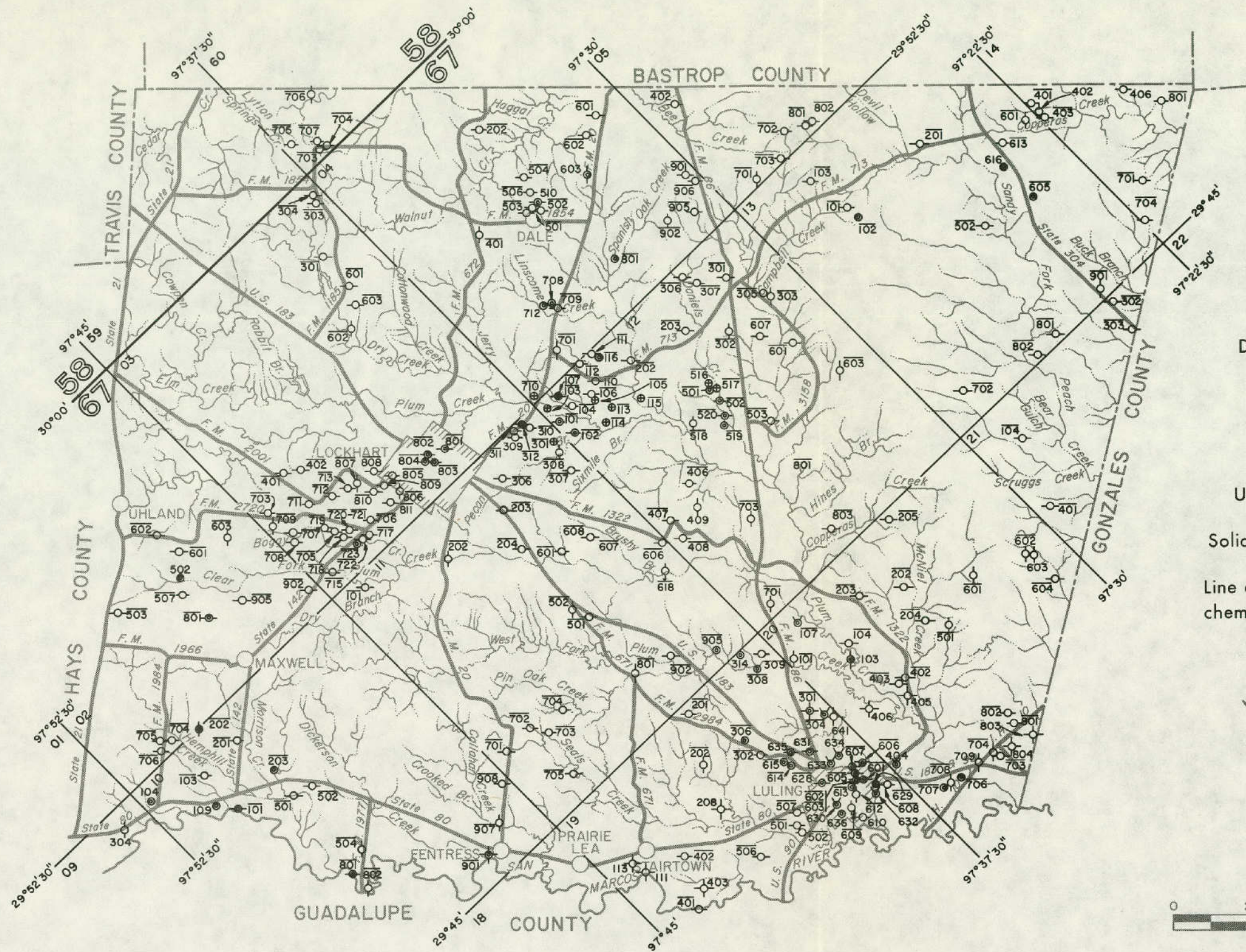
WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAF	RSC	
2/ BU-67-20-104	Ewf	580	Mar. 4, 1964	12	0.00	3.0	1.3	* 756	--	1,090	0.0	340	--	0.2	--	1,840	13	3,140	8.6	99.2	91.22	17.62	
2/ 202	Ewf	14	July 16, 1946	--	--	--	--	--	--	62	190	83	--	76	--	--	210	--	--	--	--	--	--
2/ 203	Ewf	46	do	--	--	--	--	--	--	410	17	146	--	9.4	--	--	360	--	--	--	--	--	--
2/ 204	Ewf	360	June 11, 1958	--	--	24	32	690	--	1,020	17	599	--	--	--	1,863	198	--	--	88.69	21.69	27.02	
2/ 205	Ewf	190	June 24, 1964	44	16	320	88	* 127	--	296	467	500	0.05	2.0	--	1,693	1,160	2,540	6.6	19.2	1.62	.00	
2/ 402	Ewf	24	July 16, 1946	--	--	--	--	--	--	281	60	39	--	7.6	--	--	180	--	--	--	--	--	--
2/ 403	Ewf	321	Nov. 29, 1963	15	--	1.0	2.3	* 713	--	1,010	.0	320	--	1.8	--	1,748	12	3,020	8.0	99.2	89.55	16.32	
2/ 404	Ewf	150	July 26, 1946	--	--	--	--	--	--	1,114	2	498	--	.0	--	--	48	--	--	--	--	--	--
2/ 501	Ewf	19	July 3, 1946	--	--	--	--	--	--	76	32	78	--	100	--	--	232	--	--	--	--	--	--
2/ 601	Ec	91	Apr. 4, 1947	--	--	23	10	* 70	--	20	55	116	--	16	--	300	98	547	--	60.8	3.07	.00	
2/ 602	Ec	80	May 7, 1946	--	--	--	--	--	--	0	85	69	--	0	--	--	52	--	--	--	--	--	--
2/ 604	Ec	117	Apr. 4, 1947	--	--	32	22	* 118	--	8.0	185	154	--	13	--	530	170	934	--	60.1	3.93	.00	
2/ 703	Ewf	285	May 7, 1946	--	--	--	--	--	--	1,090	1	1,210	--	0	--	--	--	--	--	--	--	--	--
2/ 703	Ewf	285	Dec. 6, 1963	13	--	14	14	* 1,510	--	2,080	.0	1,180	--	.0	--	3,750	92	6,130	7.7	97.3	68.30	32.26	
2/ 704	Ewf	19	May 7, 1946	--	--	--	--	--	--	145	280	246	--	3.0	--	--	308	--	--	--	--	--	--
2/ 706	Ewf	200	Jan. 23, 1964	14	--	1.8	.4	* 517	--	876	125	198	.7	.2	--	1,286	6	2,130	8.1	99.5	95.90	14.25	
2/ 707	Ewf	240	do	13	--	6.0	3.2	1,100	--	1,940	.2	590	--	.5	--	2,666	28	4,270	7.8	98.8	90.43	31.26	
2/ 708	Ewf	81	May 7, 1946	--	--	--	--	--	--	978	55	215	--	0	--	--	163	--	--	--	--	--	--
2/ 801	Ec	120	May 3, 1946	--	--	--	--	--	--	29	14	57	--	0	--	--	30	--	--	--	--	--	--
2/ 802	Ec	200	Jan. 23, 1964	30	--	16	14	* 41	--	80	23	68	.1	.2	--	231	98	399	6.2	47.7	1.80	.00	
2/ 21-104	Ec	300	June 20, 1964	50	2.3	13	5.2	23	9.5	0	59	44	.0	.0	--	204	56	303	4.3	41.8	1.32	.00	
2/ 302	Ec	334	Jan. 10, 1964	17	--	48	30	* 78	--	374	18	85	.3	.0	--	440	244	771	7.6	41.0	2.17	.61	
2/ 303	Eqc	148	do	33	55	430	148	137	23	100	1,440	365	--	2.0	--	2,627	1,680	3,250	6.4	14.8	1.45	.00	
2/ 401	Ec	440	Dec. 31, 1963	47	--	6.2	2.6	* 27	--	0	32	37	.1	.2	--	152	26	224	4.8	69.4	2.31	.00	

\* Sodium and potassium calculated as sodium (%).  
 † Includes the equivalent of any carbonate (CO<sub>3</sub>) present.

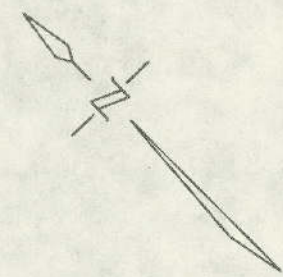
LABORATORY CONDUCTING ANALYSIS:  
 2/ U.S. Geological Survey Laboratory  
 3/ Texas A&M University  
 4/ Curtis Laboratories  
 5/ Layne-Texas Company, Houston, Texas







- EXPLANATION**
- ⊙ Public supply well
  - ⊗ Industrial well
  - ⊙ Irrigation well
  - Domestic or livestock well
  - ◇ Oil or gas well
  - ⊕ Test hole
  - ⊙ ⊗ ⊙ Unused or abandoned well
  - Solid circle indicates flowing well
  - Line above well number indicates chemical analysis given in Table 4



Location of Selected Water, Oil, and Gas Wells in Caldwell County







DIMMIT COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in remarks column.

Water level: Reported water levels given in feet; measured water levels given to the nearest tenth or hundredth of a foot.

Method of lift and

type of power : A, airlift; C, cylinder; Cf, centrifugal; E, electric; G, gasoline, butane, or Diesel engine; H, hand; J, jet; N, none; Ng, natural gas; T, turbine; W, windmill. Number indicates horsepower.

Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.

Water-bearing unit: Bea, Edwards and associated limestones; Ew1, Wilcox Group; Ec, Carrizo Sand; Er, Reklam Formation; Eqc, Queen City Sand; Ew, Weches Formation; Eb, Bigford Formation; Esp, El Pico Clay; Ee, Sparta Sand; E1, Laredo Formation; Ecm, Cook Mountain Formation; Evg, Vega Formation; Ej, Jackson Group; Ec, Catahoula Tuff; Eo, Oakville Sandstone; Ml, Lagarto Clay; Qt, terrace gravel; Qal, alluvium.

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASTING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
02-76-24-903	Jay Myers	--	--	--	10	--	Ec	689	75.10 92.62	Dec. 12, 1929 July 29, 1957	C, W	S	Well M9-9 in Texas Board of Water Engineers Bulletin 6003. Historical observation well. <u>4</u>
32-301	do	M. McCorley	1924	110	8	--	Ec, Ew1	744	98.15 98.85	Dec. 5, 1956 Aug. 25, 1958	C, W	S	Well M9-11 in Texas Board of Water Engineers Bulletin 6003. Historical observation well. <u>4</u>
* 40-101	K. A. Fitzsimmons	--	--	--	7	--	Ew1	775	76.93	July 26, 1961	C, W	S	--
* 901	W. C. Ammons	R. E. Owens	1930	475	8	--	Ec, Ew1	825	192.75 188.52	Feb. 10, 1965 Mar. 9, 1972	C, W	D, S	Well R3-6 in Texas Board of Water Engineers Bulletin 6003. Temp. 81°F. Observation well. <u>3</u>
* 48-401	K. A. Fitzsimmons	do	--	243	6	263	Ew1	700	97.9	July 21, 1960	C, W	D, S	Perforated. Gravel packed.
W 801	do	do	1959	55	16	8	Ec	680	25.16 23.53	Feb. 11, 1965 Mar. 9, 1972	Sub, E Irr	D, S	Open hole from 8 to 55 ft. Pump set at 50 ft. Reported yield of 45 gpm. Temp. 76°F. Observation well. <u>3</u> <u>4</u>
* 901	do	do	--	125	6	--	Ec	765	89.1	July 21, 1960	C, W	S	--
* 902	do	do	1947	200	8	--	Ec	810	157.05	do.	C, W	S	--
* 17-704	Jay Myers	--	--	--	--	--	Ec	656	149.91 159.86	Dec. 5, 1956 July 8, 1958	C, W	S	Well N7-192 in Texas Board of Water Engineers Bulletin 6003. Historical observation well. <u>4</u>
* 705	R. N. Fletcher	--	1926	425	10	280	Ec, Ew1	650	66.20 77.15	Oct. 29, 1919 Aug. 27, 1934	T, C Irr	D, S	Well N7-21 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
711	E. J. Cook	Frank Kellogg	1928	360	10 8	20 --	Ec, Ew1	620	--	--	I, E 40	D, S	Well N7-16 in Texas Board of Water Engineers Bulletin 6003.
712	-- Crawford	G. A. Petty	1928	330	12 8	153 210	Ec, Ew1	635	229.90	Mar. 26, 1969	Sub, E 2	S	Well N7-20 in Texas Board of Water Engineers Bulletin 6003. Open hole from 210 to 330 ft.
* 713	Fidel Benavides	--	--	300	10	300	Ec, Ew1	620	196.1	do.	T, R 50	D, S Irr	Pump set at 200 ft. Reported yield of 383 gpm. Temp. 80°F.
714	La Marita Quality Vegetable Growers	R. E. Owens	1948	254	12	32	Ec, Ew1	630	95 212.50	Oct. 23, 1949 Mar. 26, 1969	Sub, R 1	S	Well N7-176 in Texas Board of Water Engineers Bulletin 6003.
715	do	do	1950	325	10	36	Ec, Ew1	658	108.00 227.75	Mar. 15, 1950 Mar. 26, 1969	N	N	Well N7-198 in Texas Board of Water Engineers Bulletin 6003. Historical observation well. <u>4</u>
802	Mrs. Ella Perrin	George Petty	1925	350	6	--	Ec, Ew1	620	52.30 56.91	May 14, 1930 Aug. 7, 1942	N	N	Well N7-25 in Texas Board of Water Engineers Bulletin 6003. Unused since 1957. Historical observation well. <u>4</u>
W 803	Earl McClendon	O. F. Webb	1957	450	12	--	Ec, Ew1	640	223.75	Mar. 27, 1969	Sub, E 1	S	Well N7-200 in Texas Board of Water Engineers Bulletin 6003. Temp. 80°F.
804	do	do	1957	450	12	--	Ec, Ew1	640	--	--	N	N	--
805	do	do	1957	450	12	--	Ec, Ew1	630	198.18	Mar. 27, 1969	N	N	Well N7-202 in Texas Board of Water Engineers Bulletin 6003.
901	Eyed Patue	Floyd Trimn	1928	755	10 8	-- --	Ec, Ew1	600	--	--	I, E 75	Irr	Well N7-31 in Texas Board of Water Engineers Bulletin 6003 and 5203. Pump set at 450 ft.
* 18-701	Paul Little	McKinley Drilling Co.	1954	1,064	12 8	500 1,064	Ec	560	330.40 281.85	Feb. 19, 1957 Jan. 14, 1969	T, Ng 200	Irr	Well N7-243 in Texas Board of Water Engineers Bulletin 6003 and 5203. Slotted. Historical observation well.
702	do	Floyd Trimn	--	--	8	--	Ec	576	50.70 45.05	Dec. 7, 1929 Dec. 19, 1932	N	N	Well N7-34 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Historical observation well.

See footnotes at end of table.

## DIPMUT COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
H2-77-17-703	R. M. Bayler	George Crowell	1926	1,007	15 8	-- 2,001	Ec	565	61.00 200.00	Oct. 9, 1929 Mar. 12, 1969	N	N	Well N7-48 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
* 704	State of Texas (AGM)	Cribbe and Davidson	1930	1,041	12 8 6	254 777 1,041	Ec	580	89.6 256.68	July 22, 1930 Mar. 17, 1972	T, Ng 125	Irr	Well N7-46 in Texas Board of Water Engineers Bulletin 6003. Perforated from 777 to 1,041 ft. Reported yield of 575 gpm. Temp. 91°F. Observation well. <u>Y</u>
705	Byrd Farms	George Leonard	1913	805	20	605	Ec	580	--	--	T, Ng 100	Irr	Well N7-45 in Texas Board of Water Engineers Bulletin 6003 and 5203.
706	do	Floyd Trimm	--	--	--	--	--	580	--	--	T, E 50	Irr	Well N7-42 in Texas Board of Water Engineers Bulletin 6003 and 5203.
* 707	Jim Ferguson, Jr.	McKinley Drilling Co.	1954	1,028	12 8	600 1,028	Ec	577	--	--	T, Ng 125	Irr	Well N7-244 in Texas Board of Water Engineers Bulletin 6003. Reported yield of 838 gpm. Temp. 98°F.
708	Carl Reiker	Floyd Trimm	1928	921	8 6	200 921	Ec	570	--	--	N	N	Well N7-35 in Texas Board of Water Engineers Bulletin 6003. Abandoned.
709	La Montia Quality Vegetable Growers	J. W. Hickerson	1962	983	8 6	776 983	Ec	570	--	--	T, E 40	Ind	<u>Y</u>
* 18-710	Allen Plumbing and Supply	Cribbe and Davidson	1927	992	10 8	-- 780	Ec	570	--	--	T, E 75	D, Irr	Well N7-47 in Texas Board of Water Engineers Bulletin 6003. Reported yield of 332 gpm. Development test: Drawdown of 22 ft while pumping 190 gpm on Dec. 15, 1934. Temp. 96°F.
711	Byrd Farms	T. C. Cribbe	1950	1,043	10	75	Ec	560	--	--	T, E	N	Well N7-262 in Texas Board of Water Engineers Bulletin 6003. Unused irrigation well. <u>Y</u>
801	Sid Parkinson	A. B. Webb	1912	1,137	6 4	-- 1,137	Ec	550	61.00 16.81	Nov. 14, 1929 Dec. 19, 1932	J, E	S	Well N8-14 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
802	Wagner Brothers	J. W. Hickerson	1963	1,171	12 10	926 1,171	Ec	550	--	--	T, Ng 150	Irr	Perforated from 926 to 1,171 ft. Cemented from 926 ft to surface. Pump set at 500 ft. <u>Y</u>
* 803	do	T. C. Cribbe	1947	1,145	12 10 8	373 913 1,145	Ec	540	110	Mar. 31, 1947	T, Ng 150	Irr	Well N8-126 in Texas Board of Water Engineers Bulletin 6003. Pump set at 500 ft. Reported yield of 1,276 gpm. Temp. 84°F.
902	Fred Foster	A. B. Webb	1910	1,119	8	--	Ec	559	69.65 100.52	Nov. 15, 1929 Mar. 6, 1935	N	N	Well N8-23 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Historical observation well.
* 903	E. L. Dismukes	McKinley Drilling Co.	1954	1,212	10 8	519 1,212	Ec	560	395.7 393.75	Dec. 17, 1962 Feb. 10, 1965	T, Ng 150	Irr	Well N8-726 in Texas Board of Water Engineers Bulletin 6003. Slotted. Reported yield of 600 gpm. Historical observation well.
* 904	Griffin and Brand	C. F. Burch	1964	2,273	12 10	-- 1,273	Ec	570	344.05 341.88	Mar. 18, 1966 Mar. 8, 1972	T, Ng 100	Irr	Reported yield 903 gpm. Temp. 94°F. Observation well. <u>Y</u> <u>Y</u> <u>Y</u>
* 905	do	do	1964	1,159	12 10	945 1,159	Ec	570	--	--	T, Ng 225	Irr	Slotted from 945 to 1,159 ft. Reported yield of 685 gpm. Temp. 96°F. <u>Y</u>
906	Langley and Paul Little	Ike Howeth	--	1,200	12 10	900 1,200	Ec	560	--	--	T, Ng 150	Irr	Slotted from 900 to 1,200 ft.
916	Tesoro Petroleum Corp.	Dixson Drilling Co.	1964	2,196	5	2,196	Rwi	570	--	--	Sub, E 80	Ind	Water used to repressure oil field. Oil test drilled to 3,688 ft, plugged back to 2,196 ft, and converted to water well. Perforated from 2,128 to 2,132 ft, 2,138 to 2,152 ft, and 2,160 to 2,188 ft. Cemented from 2,235 ft to surface. Pump set at 2,058 ft. <u>Y</u>

See footnotes at end of table.

DENNETT COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BRARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* HZ-77-19-701	J. B. Baylor	Tom Leary	1913	1,210	8 6	-- 800	Ec	575	248.55 217.80	Dec. 13, 1954 Feb. 8, 1961	C, W	S	Well N8-18 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
702	Paul Little	Bill Morgan	1961	1,270	12 10	-- 1,270	Ec	575	--	--	T, Ng 100	Irr	Slotted from 915 to 1,270 ft.
703	do	do	1961	1,280	12 10	-- 1,280	Ec	580	366.96 361.93	Jan. 15, 1969 Mar. 14, 1972	T, Ng 150	Irr	Slotted from 925 to 1,280 ft. Observation well. <u>3</u>
704	do	do	1961	1,285	12 10	-- 1,285	Ec	570	358.25	Jan. 15, 1969	T, Ng 150	Irr	Slotted from 915 to 1,285 ft.
* 802	John E. Connolly	McKinley Drilling Co.	1954	1,300	12	1,300	Ec	560	345.5 320.6 387.7	Apr. 4, 1957 May 22, 1968 June 26, 1969	T, Ng 100	Irr	Well N8-130 in Texas Board of Water Engineers Bulletin 6003. Slotted. Reported yield of 1,078 gpm. Temp. 88°F.
805	Fred Miller	do.	1952	1,300	12 10	800 1,100	Ec	565	336.4	Mar. 28, 1968	T, Ng 125	Irr	Well N8-131 in Texas Board of Water Engineers Bulletin 6003. Slotted from 920 to 1,300 ft. Open hole from 1,100 to 1,300 ft.
807	Jack Bowman	--	1952	--	--	--	Ec	565	--	--	T, E 125	Irr	Well N8-132 in Texas Board of Water Engineers Bulletin 6003.
21-801	G. W. Hatch	Trinity Drilling Co.	1928	2,200	12	--	Ec	610	172 129.8	Mar. 15, 1928 Jan. 16, 1968	--	N	Well O7-1 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
25-101	W. S. Myers Estate	--	1950	209	6	20	Ec	629	85.54 96.28	Dec. 6, 1956 Mar. 21, 1968	N	N	Well N7-189 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Historical observation well.
102	W. S. Myers Estate	--	--	185	8	--	Ec	651	143.13 144.11	Dec. 4, 1956 June 6, 1957	W	N	Well N7-193 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Historical observation well.
103	Bill Ausmas	--	--	--	--	--	Ec	668	148.65 170.57	Oct. 6, 1954 June 4, 1957	T, E 20	Irr	Well N7-194 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
104	do	--	1948	229	12	--	Ec	625	139.36 160.86	Oct. 6, 1954 July 9, 1957	T, E	N	Well N7-195 in Texas Board of Water Engineers Bulletin 6003. Unused irrigation well. Historical observation well.
105	Pac Vivian	--	1927	240	--	--	Ec	666	147.70 142.45	Dec. 11, 1956 July 8, 1958	N	N	Well N7-197 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
106	-- Sutton	Sutton Drilling Co.	--	208	8	--	Ec	700	99.47 97.58	Dec. 11, 1956 July 8, 1958	N	N	Well N7-187 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Oil test converted to water well. Historical observation well.
201	J. Bland Catlett	K. B. Owens	1950	455	12	326	Ec	635	222.17 262.18	July 18, 1957 Mar. 14, 1972	T, E 35	Irr	Well N7-205 in Texas Board of Water Engineers Bulletin 6003. Open hole from 326 to 455 ft. Observation well. <u>3</u>
* 203	La Mantia Quality Vegetable Growers	Charles Lindenborn	1929	472	10 6	-- --	Ec	635	55.08 67.65	Oct. 28, 1929 Sept. 21, 1933	T, E 40	N	Well N7-27 in Texas Board of Water Engineers Bulletin 6003. Unused livestock and irrigation well. Temp. 79°F. Historical observation well.
204	J. Bland Catlett	O. F. Webb	1945	490	12	200	Ec	625	109 226.57	June 1947 July 9, 1957	T, E 40	Irr	Well N7-163 in Texas Board of Water Engineers Bulletin 6003. Open hole from 200 to 490 ft. Historical observation well. <u>3</u>
205	R. L. Martin	K. B. Owens	1959	325	10	45	Ec	635	195 246.55	Jan. 15, 1962 1969	T, E 40	Irr	Open hole from 45 to 325 ft.
* 206	do	do	1959	345	10	203	Ec	635	185	1959	T, E 40	Irr	Open hole from 203 to 345 ft. Reported yield of 197 gpm. Temp. 84°F.

See footnotes at end of table.

DIMMIT COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER MEASURING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
WZ-77-25-207	J. Bland Cotlett	--	--	--	--	--	Ec	635	264.60	Jan. 10, 1969	T, E 50	Irr	Well N7-206 in Texas Board of Water Engineers Bulletin 6003.
208	do	Elmo Owens	1928	352	20 8	39 235	Ec	635	--	--	T	Irr	Well N7-26 in Texas Board of Water Engineers Bulletin 6003. Open hole from 235 to 352 ft.
* 209	R. L. Martin	R. E. Owens	1950	300	10	119	Rc	634	110	Apr. 1, 1950	T, E 40	Irr	Well N7-210 in Texas Board of Water Engineers Bulletin 6003. Open hole from 119 to 300 ft. Reported yield of 263 gpm. Temp. 80°F. <u>y</u>
210	do	--	--	--	--	--	Ec	638	--	--	T, E 25	Irr	--
211	La Montia Quality Vegetable Growers	-- Owens	1928	240	10	40	Rc, Ewi	640	--	--	T 30	N	Well N7-28 in Texas Board of Water Engineers Bulletin 6003. Open hole from 40 to 240 ft. Unused irrigation well.
212	do	R. E. Owens	1950	300	10	251	Rc, Ewi	650	--	--	N	N	Well N7-213 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Open hole from 251 to 300 ft. <u>y</u>
213	do	do	1953	250	10	60	Ec, Rof	660	--	--	N	N	Well N7-214 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Open hole from 60 to 250 ft. <u>y</u>
214	do	do	1950	408	10 8	130	Ec, Ewi	640	--	--	N	N	Well N7-211 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Open hole from 130 to 408 ft. <u>y</u>
215	do	do	1950	360	10	38	Ec, Rof	640	--	--	N	N	Well N7-212 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Open hole from 38 to 360 ft. <u>y</u>
216	do	do	1950	275	10	21	Ec, Ewi	640	--	--	N	N	Well N7-215 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Open hole from 21 to 275 ft. <u>y</u>
217	J. Bland Cotlett	R. E. Owens	1950	345	12	285	Ec	635	--	--	T, E 25	Irr	Well N7-207 in Texas Board of Water Engineers Bulletin 6003. Open hole from 285 to 345 ft. <u>y</u>
301	Byrd Farms	--	1910	980	8	360	Ec	600	--	--	T, C 200	N	Well N7-32 in Texas Board of Water Engineers Bulletin 6003. Open hole from 360 to 980 ft. Top of Carrizo Sand, 300 ft. Unused irrigation well.
302	J. Bland Cotlett	R. E. Owens	1950	562	12	348	Ec	630	250.80	Jan. 10, 1969	N	N	Well N7-204 in Texas Board of Water Engineers Bulletin 6003. Open hole from 348 to 562 ft. <u>y</u>
303	do	do	1950	455	12	326	Rc	635	--	--	T, E 40	Irr	Well N7-205 in Texas Board of Water Engineers Bulletin 6003. Open hole from 326 to 455 ft. <u>y</u>
401	F. M. Covert	--	--	208	8	--	Ewi	705	78.8/ 81.15	Dec. 11, 1956 Mar. 22, 1972	Sub, E	U, S	Well N7-188 in Texas Board of Water Engineers Bulletin 6003. Reported yield of 20 gpm. Observation well. <u>y</u>
601	E. L. Wetsig	--	--	--	10	--	Ec	670	80.50 86.14	Dec. 19, 1929 Aug. 23, 1938	--	--	Well N7-53 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
602	John R. Hooper	Elmo Owens	1928	320	8	230	Ec, Ewi	632	49.2 168.71	Oct. 29, 1929 Mar. 14, 1932	C, W	D, S	Well N7-65 in Texas Board of Water Engineers Bulletin 6003. Open hole from 230 to 320 ft. Observation well. <u>y</u>
603	J. A. Heyman	W. D. Morrison	1927	332	12 10	79 --	Rc, Ewi	640	128.44 138.33	Sept. 19, 1955 July 9, 1957	T, C	Irr	Well N7-66 in Texas Board of Water Engineers Bulletin 6003. Reported yield of 500 gpm. Temp. 78°F. Historical observation well. <u>y</u>

See footnotes at end of table.

DIMMIT COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIPT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
NE 77-25-604	E. R. Ciose	I. C. Cribbs	1944	427	10 8	340 427	Ec	625	110 212.68	Nov. 18, 1944 Mar. 18, 1971	T, Ng 125	Irr	Well N7-165 in Texas Board of Water Engineers Bulletin 6003. Perforated from 340 to 427 ft. Observation well. <u>Y</u> <u>Y</u>
605	do	do	1946	350	10	350	Ec	625	87	May 10, 1946	T	N	Well N7-166 in Texas Board of Water Engineers Bulletin 6003. Unused. <u>Y</u>
606	E. L. Wetzig	Frank Kellogg	1928	176	10	40	Ec, Ewi	640	169.40	Mar. 27, 1969	W	D, S	Well N7-52 in Texas Board of Water Engineers Bulletin 6003.
701	Sam McKnight	--	--	40	6	--	Ec	662	9.60 23.0	Jan. 16, 1930 Jan. 9, 1957	C, W	S	Well N7-73 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
* 801	do	C. B. Williams	--	--	8	--	--	714	72.00 71.80	Sept. 24, 1929 Aug. 28, 1934	C, W	D, S	Well N7-74 in Texas Board of Water Engineers Bulletin 6003. Temp. 78°F. Historical observation well.
802	do	W. D. Morrison	1930	436	8	251	Ec, Ewi	668	105 79.20	Mar. July 29, 1930 1957	C, W	S	Well N7-77 in Texas Board of Water Engineers Bulletin 6003. Historical observation well. <u>Y</u>
803	H. E. Cook	G. A. Petty	1915	232	10	--	Ec, Ewi	697	69.45 83.80	Jan. 6, 1930 July 10, 1957	C, W	N	Well N7-95 in Texas Board of Water Engineers Bulletin 6003. Unused. Historical observation well.
804	do	--	--	565	10	--	Ec, Ewi	701	85.82	Jan. 9, 1957	W	--	Well N7-150 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
901	C. Schmitt	Sam Howard	1915	300	10	--	Ec, Ewi	676	91.20	Jan. 6, 1929	C	N	Well N7-78 in Texas Board of Water Engineers Bulletin 6003. Used domestic and livestock well.
902	Alfonso Sanchez	--	1951	317	10	317	Ec, Ewi	658	116.10 123.26	Oct. 5, 1954 July 9, 1958	C, W	S	Well N7-223 in Texas Board of Water Engineers Bulletin 6003. Slotted. Historical observation well.
903	R. B. Owens	R. B. Owens	1953	275	--	--	Ec, Ewi	660	126.23 135.92	Oct. 5, 1954 July 9, 1958	W	N	Well N7-247 in Texas Board of Water Engineers Bulletin 6003. Unused. Historical observation well. <u>Y</u>
904	T. M. Leavers	--	--	200	--	--	Ec, Ewi	667	82.00 82.20	Sept. 14, 1948 Aug. 10, 1949	C, W	D	Well N7-97 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
905	J. L. Bell	J. L. Bell	1921	106	6	20	Ewi	614	25.05 34.42	Jan. 7, 1930 July 10, 1946	H	N	Well N7-135 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
906	William Hsun	--	--	--	--	--	--	625	64.56 65.31	Sept. 14, 1948 July 10, 1957	C, W	S	Well N7-245 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
907	S. and R. Produce Co.	Charles Lindenborn	1928	320	10	--	Ec, Ewi	668	117.05	Mar. 25, 1969	T, E 15	Irr	Well S1-3 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
908	John Stahl, Sr.	--	1920	386	--	--	Ec, Ewi	645	99.4	May 27, 1957	Sub, E 7-1/2	D, Irr	Well N7-121 in Texas Board of Water Engineers Bulletin 6003. Pump set at 290 ft. Reported yield of 50 gpm.
909	do	O. F. Webb	1958	420	10 8	80 420	Ec, Ewi	645	--	--	Sub, E 1-1/2	D, Irr	Perforated. Pump set at 290 ft.
910	John Laxson	--	--	350	5	350	Ec, Ewi	645	--	--	Sub, E 3	D, Irr	--
911	do	--	1963	350	6	350	Ec, Ewi	645	--	--	Sub, E 3	D, Irr	--

See footnotes at end of table.

DIMMIT COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL#	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM-ETER (in.)	DEPTH (ft)			ERLDG LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
HZ-77-26-101	M. G. Der	--	1927	705	8	--	Ec	580	67.7 251.44	Oct. 3, 1929 Mar. 14, 1972	T, E 30	D	Well N7-57 in Texas Board of Water Engineers Bulletin 6003. Temp. 86°F. Observation well. <u>3</u>
102	Sain Peanut Co.	--	1921	800	10 8	--	Ec	600	--	--	T, E 50	Irr	Well N7-60 in Texas Board of Water Engineers Bulletin 6003.
103	do	George Leonard	1924	752	10 8	-- 550	Ec	600	--	--	N	N	Well N7-59 in Texas Board of Water Engineers Bulletin 6003. Abandoned.
* 104	E. R. Close	Ed Owens	1947	600	12	400	Ec	600	--	--	T, Ng 125	S, Irr	Well N7-158 in Texas Board of Water Engineers Bulletin 6003. Reported yield of 575 gpm. Temp. 86°F.
105	do	I. C. Cribbs	1944	600	12	600	Ec	590	110	Aug. 21, 1948	T, Ng 125	Irr	Well N7-159 in Texas Board of Water Engineers Bulletin 6003. <u>3</u>
106	do	do	1951	790	10 8	344 787	Ec	590	225	Aug. 7, 1951	T, Ng 125	Irr	Well N7-239 in Texas Board of Water Engineers Bulletin 6003. <u>3</u>
107	do	Floyd Trimn	1925	700	6 4	-- 500	Ec	600	269.33	Mar. 19, 1969	T, Ng 125	Irr	Well N7-58 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
108	do	I. C. Cribbs	1945	708	12 10	337 530	Ec	610	85	Jan. 25, 1945	T, Ng 100	S, Irr	Well N7-160 in Texas Board of Water Engineers Bulletin 6003. <u>3</u>
109	do	do	1945	570	12 10	314 440	Ec	620	90	May 17, 1945	T, Ng 125	S, Irr	Well N7-162 in Texas Board of Water Engineers Bulletin 6003. Perforated from 418 to 440 ft. <u>3</u>
110	do.	--	--	--	--	--	Ec	620	240.8	June 24, 1957	T, Ng 125	N	Well N7-238 in Texas Board of Water Engineers Bulletin 6003. Unused livestock and irrigation well.
111	Mrs. -- Bennett	--	--	--	--	--	Ec	574	--	--	T 75	N	Unused irrigation well.
113	Byrd Farms	George Leonard	1910	840	8	483	Ec	602	--	--	T, E 50	N	Well N7-43 in Texas Board of Water Engineers Bulletin 6003. Unused irrigation well.
201	Warren Wagner	I. C. Cribbs	1953	900	10 8	660 900	Ec	545	280 271.86	Dec. 1953 July 30, 1957	T, E 100	N	Well N8-136 in Texas Board of Water Engineers Bulletin 6003. Unused irrigation well. Historical observation well. <u>3</u>
202	E. L. Omara	--	--	--	--	--	--	601	94.50 115.32	Dec. 18, 1929 July 12, 1957	N	N	Well N8-19 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
203	-- Bennie	--	--	--	6	--	--	540	229.29	Oct. 12, 1954	T, G 75	S	Well N8-119 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
204	J. S. Ward	George Petty	1928	1,008	6	--	Ec	547	63.30 139.35	Nov. 18, 1929 Aug. 16, 1950	N	N	Well N8-28 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Historical observation well.
205	Mack Oil Co.	I. C. Cribbs	1955	1,107	12 8	566 1,086	Ec	540	222.70 303.95	Apr. 3, 1969 Mar. 14, 1972	Sub, E	D, S	Well N8-137 in Texas Board of Water Engineers Bulletin 6003. Perforated from 800 to 1,086 ft. Open hole from 1,086 to 1,107 ft. Pump set at 600 ft. Observation well. <u>3</u>
207	Warren Wagner	J. W. Hickerson	1963	--	12 10	-- --	Ec	547	--	--	T, E 150	Irr	--
* 301	C. B. K. Industrial Corp.	McKinley Drilling Co.	1947	1,010	12 10	300 900	Ec	525	351.55 314.31	Apr. 12, 1957 Mar. 10, 1972	T, Ng 250	N	Well N8-99 in Texas Board of Water Engineers Bulletin 6003. Open hole from 300 to 1,010 ft. Unused irrigation well. Pump set at 600 ft. Observation well. <u>3</u>

See footnotes at end of table.

DIMMIT COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIPT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			INFLOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* H3-77-26-302	Warren Wagner	Cribbs and Davidson	1928	1,005	12 8 6	210 741.0 1,005	Ec	520	65.70 53.07	Nov. 15, 1929 Aug. 16, 1939	T, E 125	N	Well N8-29 in Texas Board of Water Engineers Bulletin 6003. Unused irrigation well. Temp. 88°F. Historical observation well.
303	C. B. K. Industrial Corp.	-- Yarbrough	1967	990	12 10	673 990	Ec	522	379.3 361.8	Nov. 1967 Jan. 4, 1968	T, Ng 250	Irr	Perforated from 665 to 990 ft. <u>y</u>
304	do	J. W. Hickerson	--	1,045	12	783	Ec	520	--	--	T, Ng 150	Irr	Well N8-150 in Texas Board of Water Engineers Bulletin 6003. Perforated from 783 to 1,045 ft. Cemented from 783 ft to surface. Pump set at 600 ft.
306	Warren Wagner	do	1963	--	12 10	--	Ec	547	--	--	T, E 150	Irr	--
307	do	I. C. Cribbs	1954	960	12 10	657 960	Ec	530	304	Nov. 5, 1954	T, Ng 125	Irr	Well N8-139 in Texas Board of Water Engineers Bulletin 6003. Perforated from 657 to 960 ft. Reported yield of 1,000 gpm. <u>y</u>
308	do	do	1955	780	12	--	Ec	530	--	--	T, Ng 125	Irr	Well N8-141 in Texas Board of Water Engineers Bulletin 6003. Reported yield of 1,000 gpm. <u>y</u>
309	do	do	1954	937	12	--	Ec	530	362.80	Mar. 1, 1957	T, E 100	Irr	Well N8-142 in Texas Board of Water Engineers Bulletin 6003. Reported yield of 800 gpm. Development test: Drawdown of 34 ft while pumping 900 gpm on Apr. 20, 1954. <u>y</u>
310	Mask Oil Co.	do	--	1,200	12 8	500 980	Ec	540	--	--	T, Ng 100	D, S Irr	Well N8-138 in Texas Board of Water Engineers Bulletin 6003. Pump set at 490 ft.
402	Texstar Petroleum Co.	George Petty	1920	821	7	--	Ec	592	200	1962	N	N	Abandoned.
* 403	E. R. Glose	I. C. Cribbs	1945	456	10 8	366 456	Ec	580	--	--	T, Ng 125	Irr	Well N7-169 in Texas Board of Water Engineers Bulletin 6003. Perforated from 356 to 456 ft. Pump set at 366 ft. Reported yield of 385 gpm. Temp. 84°F. <u>y</u>
* 404	do	do	1941	478	10 8	-- 478	Ec	597	116.9	Mar. 3, 1948	T, Ng 125	Irr	Well N7-168 in Texas Board of Water Engineers Bulletin 6003. Reported yield of 415 gpm. Temp. 84°F. <u>y</u>
405	do	do	1943	471	10 8	-- 459	Ec	598	116.5	do.	T, Ng 125	Irr	Well N7-167 in Texas Board of Water Engineers Bulletin 6003. <u>y</u>
406	do	do	1945	395	10 8	38 395	Ec	620	90 224.99	Feb. 15, 1945 Mar. 18, 1969	T, Ng 125	Irr	Well N7-164 in Texas Board of Water Engineers Bulletin 6003. <u>y</u>
407	do.	do	1942	460	10 8	-- 460	Ec	580	--	--	T	N	Well N7-170 in Texas Board of Water Engineers Bulletin 6003. Unused irrigation well. <u>y</u>
408	do	do	1944	565	12 10	316 428	Ec	601	105	Dec. 22, 1944	T, Ng 125	Irr	Well N7-157 in Texas Board of Water Engineers Bulletin 6003. <u>y</u>
409	H. H. Herrington	S. M. Owens	1909	600	10 6	--	Ec	610	65.5	May 15, 1930	T, Ng 75	S, Irr	Well N7-56 in Texas Board of Water Engineers Bulletin 6003.
410	W. A. Stewart	-- Simpson	1916	325	16	140	Ec	570	--	--	T, Ng 100	N	Well N7-116 in Texas Board of Water Engineers Bulletin 6003. Unused irrigation well.
411	Mrs. Whorton Johnson	S. M. Owens	1921	318	6	60	Eb, Ec	570	--	--	T, E 15	D, Irr	Well N7-133 in Texas Board of Water Engineers Bulletin 6003. Open hole from 60 to 318 ft.
412	Carroll Burns	Elmo Owens	1947	600	12	280	Ec	580	--	--	T, Ng 100	N	Well N7-171 in Texas Board of Water Engineers Bulletin 6003. Unused irrigation well.

See footnotes at end of table.

## DIMIT COUNTY

Table I. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
H2-77-26-413	Carroll Burns	S. M. Owens	1929	500	8	165	Eh, Ec	580	--	--	N	N	Well N7-71 in Texas Board of Water Engineers Bulletin 6003. Open hole from 165 to 500 ft. Drused since 1957.
414	G. N. Ratcliff	John Eardley	1911	301	8	60	Ec	578	4	Feb. 19, 1913	N	N	Well N7-113 in Texas Board of Water Engineers Bulletin 6003. Abandoned.
415	R. T. Moorcman	Sam Howard	1912	315	10 8	43 31.5	Ec	577	15	do.	Sub, E 1-1/2	--	Well N7-109 in Texas Board of Water Engineers Bulletin 6003.
* 416	Edward Gardner	S. M. Owens	1914	383	18 16	-- 140	Ec	582	--	--	T, E 75	S, Irr	Well N7-92 in Texas Board of Water Engineers Bulletin 6003. Deepened from 318 to 383 ft in 1962. Reported yield of 443 gpm. Development test: Drawdown of 35 ft while pumping 700 gpm in Feb. 1928. Temp. 82°F.
417	do	R. B. Owens	1955	720	10 8	260 574	Ewf	578	218.49	Apr. 2, 1969	Sub, E	D, S Irr	Well N7-237 in Texas Board of Water Engineers Bulletin 6003. Open hole from 574 to 720 ft. Historical observation well. <u>y</u>
418	do	do	1959	760	12 10	263 708	Ec, Ewi	563	208.47 217.97	Mar. 4, 1970 Mar. 14, 1972	T, E 60	S, Irr	Development test: Drawdown of 50 ft while pumping 312 gpm on Aug. 25, 1965. Observation well. <u>y</u> <u>y</u>
* 419	Cox Nursery	O. F. Webb	1946	557	10	300	Ec, Ewi	555	--	--	T, R 15	Irr	Well N8-116 in Texas Board of Water Engineers Bulletin 6003. Temp. 84°F.
420	-- Evans	-- Simpson	1922	450	10 8	120 220	Ec	563	--	--	T, Ng 75	D, S Irr	Well N7-108 in Texas Board of Water Engineers Bulletin 6003.
421	-- Ramsby	O. F. Webb	1949	416	7 5	-- 416	Ec	560	--	--	Sub, E 10	D, S	Well N8-144 in Texas Board of Water Engineers Bulletin 6003.
* 422	R. E. Littlefield	S. M. Owens	1924	372	12 8	-- 169	Ec	590	--	--	T, E 20	D	Well N7-87 in Texas Board of Water Engineers Bulletin 6003. Temp. 82°F.
423	R. Howard	Elmo Owens	1922	305	10	40	Ec	590	--	--	T, G 75	D, S	Well N7-68 in Texas Board of Water Engineers Bulletin 6003.
* 424	A. J. Votaw	--	1917	315	10	315	Ec	601	--	--	Sub, E 15	D, Irr	Well N7-103 in Texas Board of Water Engineers Bulletin 6003. Reported yield of 175 gpm. Temp. 82°F.
425	Joaquin Villanueva	George Petty	1922	456	--	--	Ec	601	106.0	Nov. 31, 1939	T, E 30	D, S	Well N7-86 in Texas Board of Water Engineers Bulletin 6003.
426	J. W. Stewart	S. M. Owens	1925	325	--	--	Ec	599	--	--	T, Ng 75	N	Well N7-102 in Texas Board of Water Engineers Bulletin 6003. Unused irrigation well.
427	D. M. Hughes	Sam Howard	1912	312	8	60	Ec	570	--	--	T, Ng 75	Irr	Well N7-110 in Texas Board of Water Engineers Bulletin 6003.
501	George Rheia	--	1908	818	8	--	Ec	569	62.44 160.50	Nov. 18, 1929 Aug. 21, 1952	T, E	D, S Irr	Well N8-26 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
* 502	G. and C. Hagelstein	A. B. Webb	1925	700	10	--	Ec	535	58.90 257.3	Oct. 14, 1929 June 18, 1957	N	N	Well N8-56 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
503	E. W. Gordon	--	1910	380	5	--	Ec	558	48.50 108.46	Dec. 5, 1929 Sept. 14, 1947	--	D, S	Well N8-40 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
505	W. F. Hickerson	J. W. Hickerson	--	625	12 10	-- 625	Ec	555	--	--	T, G 125	Irr	--
* 506	R. Rodriguez	Petty Brothers	1936	450	8	150	Ec	542	57	Mar. 15, 1936	T, G 15	D, S	Well N8-106 in Texas Board of Water Engineers Bulletin 6003 and in Water-Supply Paper 1481. Temp. 82°F. <u>y</u>

See footnotes at end of table.



## DIPLOIT COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
H2-77-26-507	A. N. Box	Frank Kellogg	1930	522	10	176	Ec	542	41.6	May 7, 1930	T, E 30	D, S Irr	Well N8-43 in Texas Board of Water Engineers Bulletin 6003. Development test: Drawdown of 55 ft while pumping 350 gpm on Oct. 18, 1951.
601	G. Denton Estate	--	--	834	8	--	Ec	526	45.70 234.7	Oct. 16, 1929 June 10, 1957	N	N	Well N8-58 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Oil test converted to water well. Historical observation well.
602	Albert Ivy	J. W. Hickerson	1968	818	16 12 10	571 651 818	Ec	520	--	--	T, Ng 250	Irr	Perforated from 571 to 818 ft. Cemented from 818 ft to surface. <u>y</u>
* 603	do	do	1964	832	12	832	Ec	520	--	--	T, Ng 330	Irr	Perforated from 504 to 832 ft. Cemented from 832 ft to surface. Temp. 87°F. <u>y</u>
* 604	do	Texas Land Drilling Co.	1966	850	16	850	Ec	520	--	--	T, Ng 250	Irr	Slotted from 535 to 850 ft. Cemented from 535 ft to surface. Reported yield of 1,400 gpm. Temp. 88°F.
605	do	do	1966	850	16	850	Ec	525	323.18 309.19	Feb. 5, 1969 Mar. 22, 1972	N	N	Slotted from 525 to 850 ft. Cemented from 850 ft to surface. Recorder observation well. <u>y</u>
606	Jack Bowman	--	--	--	--	--	Ec	520	--	--	T, E 75	Irr	--
* 701	A. J. Knaggs	--	1910	193	--	--	Ec	613	56.4 71.80	Nov. 22, 1929 Aug. 10, 1949	W	D, S	Well N7-125 in Texas Board of Water Engineers Bulletin 6003. Temp. 76°F. Historical observation well.
702	Mrs. F. P. Kellogg	G. A. Petty	1912	450	6	150	Ec, Ewi	581	35 65.50	Dec. 10, 1928	N	N	Well N7-127 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Historical observation well.
703	A. Dickens Estate	--	--	--	--	--	--	579	49.75 46.00	Oct. 24, 1929 Aug. 27, 1934	N	N	Well N7-138 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Historical observation well.
704	John Ivy	R. B. Owens	1960	368	10	320	Ec, Ewi	640	150 165.00	1960 1967	Sub, E 7-1/2	F	Slotted. Pump set at 280 ft.
* 705	City of Carrizo Springs	do	1962	334	12	187	Ec	580	198	July 5, 1968	T, E 25	F	Open hole from 187 to 334 ft. Development test: Drawdown of 92 ft while pumping 110 gpm on July 5, 1968. <u>y</u>
* 706	Jose Tapia	Elmo Owens	1932	317	12	317	Ec	610	--	--	T, O 75	S, Irr	Pump set at 220 ft.
707	Woodrow Fickett	do	1928	256	10	93	Ec	710	--	--	T, E 15	D, S Irr	Well N7-181 in Texas Board of Water Engineers Bulletin 6003. Open hole from 93 to 256 ft.
708	Mrs. Joe Gardner	do	--	235	10	80	Ec	600	167.90 180.79	Feb. 6, 1969 Mar. 14, 1972	Sub, E	D, Irr	Well N7-141 in Texas Board of Water Engineers Bulletin 6003. Open hole from 80 to 235 ft. Development test: Drawdown of 12.5 ft while pumping 194 gpm on Mar. 19, 1952. Observation well. <u>y</u>
* 709	City of Carrizo Springs	R. B. Owens	1956	444	10	--	Ec, Ewi	630	189.00	July 5, 1968	T, E 40	F	Pump set at 265 ft. Development test: Drawdown of 34 ft while pumping 155 gpm on July 5, 1968. <u>y</u>
* 710	do	do	1962	325	14	168	Ec	560	192	do.	T, E 50	F	Development test: Drawdown of 40 ft while pumping 100 gpm on July 5, 1968. <u>y</u>
* 711	do	do	1963	350	11	163	Ec	560	187	do.	T, E 75	F	Development test: Drawdown of 25 ft while pumping 283 gpm on July 5, 1968. <u>y</u>

See footnotes at end of table.

DEWITT COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* WZ-77-26-712	City of Carrizo Springs	O. F. Webb	1952	329	--	--	Ec	582	182.00	July 5, 1968	T, E 20	P	Pump set at 290 ft. Development test: Drawdown of 61 ft while pumping 110 gpm on July 5, 1968. <u>2</u>
* 713	do	Armon and Webb	1956	355	--	--	Ec	560	192	do.	T, E 75	P	Pump set at 260 ft. Development test: Drawdown of 59 ft while pumping 290 gpm on July 5, 1968. <u>1/2</u>
* 714	do	Fronto Drilling Co. and George McMillian	--	481	--	--	Kc	570	--	--	T, E 40	P	Pump set at 295 ft. Development test yielded 130 gpm on Feb. 8, 1968. <u>2</u>
* 715	do	R. B. Owens	1958	364	12 10	157 364	Rc	560	187	July 5, 1968	T, R 75	P	Cemented. Development test: Drawdown of 36 ft while pumping 170 gpm on July 5, 1968. <u>1/2</u>
716	Mrs. Whorton Johnson	O. F. Webb	1954	385	10	33	Eb, Ec	562	--	--	N	N	Well N7-235 in Texas Board of Water Engineers Bulletin 6003. Open hole from 33 to 385 ft.
* 717	-- Ledaema	Frank Kellogg	1925	250	8 7	-- 100	Ec	575	57.8	Jan. 30, 1939	T, E 15	D, Irr	Well N7-111 in Texas Board of Water Engineers Bulletin 6003. Temp. 80°F.
718	Nick Castellanos	R. B. Owens	1952	302	10	57	Eb, Ec	580	142	Nov. 2, 1952	Sub, B	D, S	Well N7-230 in Texas Board of Water Engineers Bulletin 6003. Open hole from 57 to 302 ft. <u>1/2</u>
722	--	--	--	--	--	--	Ec	640	--	--	T, E	Irr	--
* 723	Mrs. Whorton Johnson	O. F. Webb	1951	409	10	70	Ec	560	162.98 143.00	June 19, 1957 Mar. 10, 1970	T	N	Well N7-236 in Texas Board of Water Engineers Bulletin 6003. Unused irrigation well. Reported yield of 316 gpm. Historical observation well.
* 801	DeWitt County Airport	--	--	500	6	--	Ec	602	98.20 199.83	Oct. 12, 1929 July 10, 1957	C, W	S	Well N8-47 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
802	I. O. Kochman	--	1904	570	6	--	Ec	564	73.80 65.94	Oct. 14, 1929 Aug. 11, 1942	N	N	Well N8-50 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Reported flow of 400 gpm in 1904. Historical observation well.
804	George Morris	A. E. Hardly	1904	445	6	80	Ec	591	72.80 65.85	Jan. 28, 1928 Mar. 18, 1933	T, E	D, S Irr	Well N8-65 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
* 805	City of Carrizo Springs	R. B. Owens	1964	430	12	350	Ec	600	251.76 269.21	Feb. 10, 1965 Mar. 10, 1972	T, E 50	P, Irr	Open hole from 350 to 450 ft. Pump set at 370 ft. Development test: Drawdown of 60 ft while pumping 224 gpm in July 1968. Observation well. <u>1/3</u>
* 806	J. C. Oelkers	Martin Taylor	1965	560	12	335	Ec	600	308	1965	T, E 75	D, Irr	Open hole from 335 to 560 ft. Cemented from 335 ft to surface. Reported yield of 372 gpm. Temp. 85°F. <u>1/2</u>
* 807	City of Carrizo Springs	do	1967	480	12	330	Ec	580	250 279	Apr. 25, 1967 July 5, 1968	T, E 50	E, Irr	Flotted from 323 to 480 ft. Cemented from 330 ft to surface. Development test: Drawdown of 112 ft while pumping 190 gpm on July 5, 1968. <u>1/2</u>
* 808	J. T. Stinnett	J. W. Hickerson	1959	600	12 10	325 600	Kc	590	306.0	July 2, 1969	T, E 60	D, Irr	Cemented from 325 ft to surface. Reported yield of 349 gpm. Temp. 81°F.
809	H. J. Whitecotton	R. B. Owens	1952	764	10 8	354 614	Ec	560	245	May 5, 1952	N	N	Well N8-146 in Texas Board of Water Engineers Bulletin 6003. <u>1/2</u>
810	-- Thalsian	-- Petty	1928	440	10	150	Ec	600	--	--	T	N	Well N8-75 in Texas Board of Water Engineers Bulletin 6003. Unused irrigation well. Development test: Drawdown of 13.1 ft while pumping 174 gpm on Oct. 10, 1951.
811	do	A. E. Hardly	1917	700	10	150	Ec, Ew	600	--	--	T	N	Well N8-76 in Texas Board of Water Engineers Bulletin 6003. Unused irrigation well.

See footnotes at end of table.

## DIMMIT COUNTY

Table I. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
HZ-77-26-812	H. B. Jackson	L. Simpson	1925	495	12 8 6	-- -- 180	Ec	600	170.83	Apr. 10, 1969	Sub, E 20	D, S	Well N8-67 in Texas Board of Water Engineers Bulletin 6003. Temp. 81°F.
813	Edward Wilcox	-- Petty	--	565	--	--	Ec, Sxi	600	175.76	do.	Sub, E 1	D	Well N8-111 in Texas Board of Water Engineers Bulletin 6003. <u>y</u>
814	E. A. Roberts	W. D. Morrison	1927	545	10 8	-- --	Ec	600	--	--	T, E 25	Irr	Well N8-48 in Texas Board of Water Engineers Bulletin 6003.
901	H. J. Whitecotton	--	1917	545	12 10	12 --	Ec	529	56.50 46.25	Nov. 29, 1929 July 1, 1932	C, W	D, S	Well N8-70 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
902	Jack Bowman	I. C. Cribbs	1956	725	12 10	611 725	Ec	480	--	--	T, E 120	Irr	Well N8-162 in Texas Board of Water Engineers Bulletin 6003. Drilled to 836 ft and plugged back to 725 ft. Perforated from 611 to 725 ft.
903	Charles Wilson	--	1921	660	15 12	-- 350	Ec	540	--	--	T, Ng 100	Irr	Well N2-129 in Texas Board of Water Engineers Bulletin 6003. Development test: Drawdown of 44 ft while pumping 410 gpm for 1-1/2 hours on May 17, 1951.
904	-- Nelson	--	1920	660	12	350	Ec	525	276.95 278.60	Mar. 6, 1969 Mar. 14, 1972	T, Ng 125	Irr	Well N8-88 in Texas Board of Water Engineers Bulletin 6003. Open hole from 350 to 660 ft. Development test: Drawdown of 50 ft while pumping 356 gpm for 2 hours on Sept. 13, 1952. Observation well. <u>y</u>
905	Charles Wilson	McKinley Drilling Co.	1961	760	10	760	Ec	525	270.05	Mar. 6, 1969	T, Ng 125	Irr	Slotted.
906	Bill Walker	--	1907	725	8	350	Ec	520	--	--	T, Ng 125	N	Open hole from 350 to 725 ft. Unused. Pump set at 400 ft.
* 27-101	C. E. K. Industrial Corp.	J. W. Hickerson	1967	1,185	12 10	978 1,185	Ec	565	--	--	T, Ng 250	Irr	Slotted from 978 to 1,185 ft. Cemented from 978 ft to surface. Pump set at 600 ft. Temp. 94°F. <u>y</u>
* 102	do	--	--	--	--	--	Ec	560	--	--	T, Ng	Irr	Pump set at 600 ft. Reported yield of 696 gpm.
* 103	do	J. W. Hickerson	1966	1,108	12 10	877 1,108	Ec	562	--	--	T, Ng 150	Irr	Slotted from 877 to 1,108 ft. Cemented from 877 ft to surface. Pump set at 600 ft. Temp. 102°F. <u>y</u>
* 104	do	do	1968	1,232	12 10	943 1,232	Ec	562	--	--	T, Ng 200	Irr	Slotted from 943 to 1,232 ft. Cemented from 942 ft to surface. Pump set at 600 ft. Temp. 104°F. <u>y</u>
* 105	do	do	1966	1,145	12 10	889 1,145	Ec	560	--	--	T, Ng	Irr	Perforated from 890 to 1,145 ft. Cemented from 889 ft to surface. Pump set at 600 ft. Temp. 96°F. <u>y</u>
* 106	do	do	1968	1,203	12 10	956 1,203	Ec	541	--	--	T, Ng 200	Irr	Slotted from 956 to 1,203 ft. Cemented from 956 ft to surface. Pump set at 600 ft. Reported yield of 726 gpm. Temp. 94°F. <u>y</u>
* 107	do	-- Yarbrough	1967	1,170	12 10	936 1,170	Ec	550	--	--	T, Ng 200	Irr	Perforated from 928 to 1,170 ft. Pump set at 600 ft. Reported yield of 893 gpm. Temp. 96°F. <u>y</u>
* 108	do	do	1967	1,194	12 10	887 1,194	Ec	570	382.58	Jan. 4, 1968	T, Ng 200	Irr	Perforated from 877 to 1,194 ft. Cemented from 887 ft to surface. Pump set at 600 ft. Reported yield of 893 gpm. Temp. 96°F. <u>y</u>
* 109	do	do	1967	1,188	12 10	889 1,188	Ec	565	--	--	T, Ng 200	Irr	Perforated from 879 to 1,188 ft. Cemented from 889 ft to surface. Pump set at 600 ft. Reported yield of 1,113 gpm. Temp. 98°F. <u>y</u>

See footnotes at end of table.

DIMONT COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIPT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* MZ-77-110	C. B. K. Industrial Corp.	-- Yarbrough	1967	1,210	12 10	960 1,210	Pe	962	--	--	T, Ng 200	Irr	Perforated from 950 to 1,210 ft. Cemented from 960 ft to surface. Pump set at 600 ft. Temp. 97°F. <u>y</u>
* 111	do	do	1967	1,200	12 10	890 1,200	Pe	560	--	--	T, Ng 200	Irr	Perforated from 880 to 1,200 ft. Cemented from 890 ft to surface. Pump set at 600 ft. Reported yield of 563 gpm. Temp. 96°F. <u>y</u>
* 112	do	J. W. Hickerson	1966	1,069	12 10	810 1,069	Ec	540	--	--	T, Ng 150	Irr	Perforated from 817 to 1,069 ft. Cemented from 810 ft to surface. Pump set at 600 ft. Reported yield of 925 gpm. Temp. 95°F. <u>y</u>
* 113	do	-- Yarbrough	1967	1,210	12 10	904 1,210	Ec	560	--	--	T, Ng 250	Irr	Perforated from 894 to 1,210 ft. Cemented from 904 ft to surface. Pump set at 600 ft. <u>y</u>
114	do	J. W. Hickerson	1966	1,164	12 10	958 1,164	Ec	560	--	--	T, Ng 150	Irr	Perforated from 958 to 1,164 ft. Cemented from 958 ft to surface. Pump set at 600 ft. <u>y</u>
* 201	do	-- Yarbrough	1967	1,282	12 10	1,015 1,282	Ec	555	380	Oct. 1967	T, Ng 200	Irr	Perforated from 1,019 to 1,282 ft. Cemented from 1,015 ft to surface. Pump set at 600 ft. Reported yield of 1,037 gpm. Temp. 106°F. <u>y</u>
* 202	do	J. W. Hickerson	1967	1,249	12 10	1,017 1,249	Ec	558	--	--	T, Ng 200	Irr	Perforated from 1,007 to 1,249 ft. Cemented from 1,017 ft to surface. Pump set at 600 ft. Reported yield of 838 gpm. Temp. 104°F. <u>y</u>
* 203	do	do	1967	1,185	12 10	952 1,185	Ec	550	--	--	T, Ng 200	Irr	Perforated from 942 to 1,180 ft. Cemented from 952 ft to surface. Pump set at 600 ft. Reported yield of 521 gpm. Temp. 102°F. <u>y</u>
* 204	do	do	1967	1,183	12 10	948 1,183	Pe	550	--	--	T, Ng 200	Irr	Slotted from 948 to 1,183 ft. Cemented from 948 ft to surface. Pump set at 600 ft. Reported yield of 718 gpm. Temp. 97°F. <u>y</u>
* 205	do	do	1967	1,231	12 10	1,015 1,231	Ec	538	--	--	T, Ng 200	Irr	Slotted from 1,015 to 1,231 ft. Cemented from 1,015 ft to surface. Pump set at 600 ft. Temp. 96°F. <u>y</u>
* 301	George D. Price	Howeth and Stalter	1912	1,353	8 7 6	920 1,080 1,195	Ec	590	90.7 243	Nov. 29, 1959 Apr. 1, 1957	T, R 40	D, S Irr	Well N9-5 in Texas Board of Water Engineers Bulletin 6003. Perforated from 1,080 to 1,195 ft. Historical observation well.
* 302	John E. Connally	McKinley Drilling Co.	1954	1,333	12	1,333	Ec	530	336.2 309.71	Apr. 4, 1957 May 23, 1968	T, G 150	Irr	Well N9-47 in Texas Board of Water Engineers Bulletin 6003. Reported yield of 1,122 gpm. Temp. 98°F.
* 303	do	do	1954	1,363	12	1,363	Ec	596	341.7 320.41	Mar. 18, 1966 Mar. 8, 1972	T, G 150	Irr	Well N8-68 in Texas Board of Water Engineers Bulletin 6003. Reported yield of 1,002 gpm. Temp. 96°F. Observation well. <u>y</u>
* 304	do	do	1954	1,363	12	1,363	Ec	520	318.16	May 23, 1968	T, G 150	Irr	Well N8-49 in Texas Board of Water Engineers Bulletin 6003. Reported yield of 1,089 gpm. Temp. 96°F.
* 305	Howard and Clark	--	1912	1,236	6 5	900 1,200	Ec	520	26.1	Jan. 31, 1928	Sub, R 25	D, Irr	Well N9-3 in Texas Board of Water Engineers Bulletin 6003. Perforated from 900 to 1,200 ft. Pump set at 500 ft. Reported yield of 150 gpm. Temp. 96°F.
306	do	--	1920	1,236	8	1,236	Ec	525	33.7	Nov. 27, 1929	N	N	Well N9-4 in Texas Board of Water Engineers Bulletin 6003.
* 401	C. B. K. Industrial Corp.	McKinley Drilling Co.	--	987	12 10	749 982	Ec	520	336.76 247.18	Mar. 17, 1966 Mar. 10, 1972	N	N	Well N8-152 in Texas Board of Water Engineers Bulletin 6003. Slotted from 749 to 982 ft. Cemented from 749 ft to surface. Observation well. <u>y</u>

See footnotes at end of table.

DIMMIT COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
H2-77-27-402	C. B. K. Industrial Corp.	J. W. Hickerson	1967	930	12 10	763 930	Ec	550	--	--	T, Ng 150	Irr	Slotted from 763 to 930 ft. Cemented from 763 ft to surface. Pump set at 600 ft. <u>y</u>
501	Mrs. Moody Beason	C. W. Wheeler	--	--	6	--	--	505	29.5 30.61	Oct. 21, 1929 Aug. 19, 1939	C, W	N	Well N8-73 in Texas Board of Water Engineers Bulletin 6003. Unused domestic and livestock well. Historical observation well.
502	C. B. K. Industrial Corp.	-- Yarbrough	1967	1,158	12 10	933 1,158	Ec	530	380	Nov. 1967	T, Ng 200	Irr	Perforated from 913 to 1,158 ft. Cemented from 923 ft to surface. Pump set at 600 ft. <u>y</u>
503	City of Brundage	-- Wheeler	1909	1,170	6 3	-- --	Ec	525	--	--	Sub, E	P	Perforated from 850 to 1,170 ft. Pump set at 600 ft.
* 504	C. B. K. Industrial Corp.	J. W. Hickerson	1966	1,145	12 10	890 1,145	Ec	530	--	--	T, Ng 200	Irr	Slotted from 890 to 1,145 ft. Cemented from 890 ft to surface. Pump set at 600 ft. Temp. 96°F. <u>y</u>
601	Jack Bowman	Cribbs and Davidson	1927	1,305	12 10 8	208 1,030 1,305	Ec	531	55 165.63	Jan. 31, 1928 Apr. 24, 1972	N	N	Well N9-24 in Texas Board of Water Engineers Bulletin 6003. Perforated from 1,030 to 1,305 ft. Observation well. (Recorder observation well from May 9, 1957 to Sept. 18, 1958.) <u>y z</u>
701	B. E. Pickett	-- Seward	1927	--	--	--	Ec	526	54.40 43.4	Nov. 29, 1929 Aug. 11, 1939	T, E 20	D, S Irr	Well N8-71 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
* 702	Jack Bowman	do	1928	866	10 8	260 630	Ec	555	182.8 187.25	Dec. 15, 1960 Feb. 3, 1965	C, W	N	Well N8-72 in Texas Board of Water Engineers Bulletin 6003. Open hole from 630 to 860 ft. Unused domestic and livestock well. Historical observation well.
* 703	do	E. and F. Eckert	1927	1,135	10 8	400 960	Ec	500	39 198.58	Feb. 1928 July 11, 1958	T, E 50	Irr	Well N8-101 in Texas Board of Water Engineers Bulletin 6003. Perforated from 900 to 960 ft. Historical observation well.
704	do	Layne Texas Co.	--	897	--	--	Ec	510	260.99 230.48	July 23, 1965 Mar. 10, 1972	T	N	Well N8-97 in Texas Board of Water Engineers Bulletin 6003. Unused irrigation well. Observation well. <u>y</u>
705	do	L. C. Cribbs	1954	960	12 10	638 960	Ec	460	200	June 7, 1954	T, E 120	Irr	Well N8-160 in Texas Board of Water Engineers Bulletin 6003. <u>y</u>
706	do	do	1954	900	12 10	664 900	Ec	480	--	--	T, E 120	Irr	Well N8-161 in Texas Board of Water Engineers Bulletin 6003. Perforated from 686 to 904 ft. <u>y</u>
801	do	E. and F. Eckert	1927	920	10 8	400 720	Ec	502	40.25 214.73	Nov. 26, 1929 Sept. 20, 1955	T, E 25	D, S Irr	Well N8-103 in Texas Board of Water Engineers Bulletin 6003. Strainer from 890 to 906 ft. Perforated from 906 to 920 ft. Reported yield of 500 gpm. Development test: Drawdown of 98 ft while pumping 500 gpm on Jan. 31, 1928. Historical observation well.
802	do	Layne-Texas Co.	--	1,224	15 8	-- 1,224	Ec	519	--	--	T	N	Well N8-102 in Texas Board of Water Engineers Bulletin 6003 and No. Water-Supply Paper 1481. Unused irrigation well. <u>y</u>
901	do	--	--	1,300	20 10	100 1,300	Ec	500	17.1 87.14	Nov. 29, 1929 Mar. 20, 1972	N	N	Well N9-26 in Texas Board of Water Engineers Bulletin 6003. Perforated. Observation well. <u>y</u>
w 28-201	H. Brown	C. W. Wheeler	1909	1,412	8 5	806 1,412	Ec	525	54.05 62.28	Nov. 30, 1929 July 25, 1945	N	N	Well N9-8 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Perforated. Temp. 98°F. Historical observation well.
401	Federal Land Bank	--	1911	1,469	8 6	302 1,469	Ec	493	17.10 185.00	Oct. 18, 1929 July 10, 1957	N	N	Well N9-12 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Perforated. Historical observation well.

See footnotes at end of table.

DIMMIT COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM-ETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* HZ-77-28-402	Jack Bowman	--	1920	1,300	10 8	-- --	Ec	487	17.70 198.48	Nov. 29, 1929 Feb. 8, 1957	T, E 50	D, S Irr	Well N9-25 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
501	C. S. Boyd	R. E. Homer	1914	1,640	8 7	121 1,380	Ec	545	74.00 109.5	Nov. 18, 1929 Aug. 15, 1950	T, E 25	D, S Irr	Well N9-16 in Texas Board of Water Engineers Bulletin 6003. Temp. 102°F. Historical observation well.
* 502	City of Big Wells	Cribba and Davidson	1937	1,355	10 8	400 800	Eb, Ec	540	277.49	Mar. 18, 1966	N	N	Well N9-20 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Open hole from 800 to 1,355 ft. Reported yield of 275 gpm. Temp. 94°F. <u>Y</u>
* 503	do	McKinley Drilling Co.	1964	1,500	10 8	603 1,500	Ec	535	277.49 296.10	do. Mar. 8, 1972	Sub, R	F	Slotted from 1,320 to 1,500 ft. Cemented from 1,260 ft. to surface. Reported yield of 179 gpm. Temp. 87°F. Observation well. <u>Y</u> <u>Y</u>
504	George H. Webb	C. W. Wheeler	1910	1,520	8 6	1,000 1,520	Eb, Ec	500	230.6	May 7, 1957	T, E 25	Irr	Well N9-27 in Texas Board of Water Engineers Bulletin 6003. Perforated from 1,000 to 1,520 ft.
505	-- Langford	McKinley Drilling Co.	1951	2,065	12 10	815 --	Ec	502	--	--	T, E 125	N	Well N9-54 in Texas Board of Water Engineers Bulletin 6003. Unused irrigation well.
601	Sun Oil Co.	Dixon Drilling Co.	1971	1,700	7	1,700	Ec	525	360.80	July 21, 1971	Sub, E 10	Ind	Slotted from 1,573 to 1,700 ft. Cemented from 1,485 ft. to surface. Pump sec. at 500 ft. <u>Y</u>
801	Light Brothers	W. M. Dodds	1912	1,529	8 6	1,026 --	Ec	465	13.2 195.70	Jan. 31, 1928 Dec. 17, 1962	T, G	D, S Irr	Well N9-39 in Texas Board of Water Engineers Bulletin 6003. Perforated. Historical observation well.
802	Perry J. Lewis	W. R. Stalter	--	1,428	8 7 6	800 -- --	Ec	505	22.85 69.40	Dec. 3, 1929 Sept. 19, 1956	T, E 25	N	Well N9-32 in Texas Board of Water Engineers Bulletin 6003. Perforated. Unused. Development test: Drawdown of 55 ft. while pumping 550 gpm on Dec. 3, 1929. Historical observation well.
803	do	C. W. Wheeler	1909	1,523	6 5	806 --	Ec	500	16.00 121.24	Aug. 12, 1932 Sept. 9, 1953	N	N	Well N9-33 in Texas Board of Water Engineers Bulletin 6003 and in Water-Supply Paper 1481. Abandoned. Perforated. Historical observation well. <u>Y</u>
804	Ben E. Ivy	McKinley Drilling Co.	1966	1,574	12 8	703 1,537	Ec	475	229.00 235.25	Feb. 13, 1968 Mar. 8, 1972	T, G 200	D, S	Slotted from 1,260 to 1,314 ft. and 1,365 to 1,536 ft. Open hole from 1,536 to 1,574 ft. Cemented from 1,203 ft. to surface. Development test: Drawdown of 155 ft. while pumping 1,500 gpm in Mar. 1966. Observation well. <u>Y</u> <u>Y</u>
805	Mary K. Doolin Trust	-- Martin	1956	1,300	10	--	Ec	460	--	--	T, E 100	D, S Irr	Well N9-57 in Texas Board of Water Engineers Bulletin 6003.
807	-- Langford	W. E. Stalter	1911	1,408	8 7 6	868 1,128 1,408	Eb, Ec	500	--	--	T, E 50	N	Well N9-31 in Texas Board of Water Engineers Bulletin 6003. Perforated from 1,128 to 1,408 ft. Unused irrigation well.
901	R. D. Buchanan	--	1928	1,760	8 7 6 5	920 1,270 1,425 1,600	Ec	505	27.00 32.20	Jan. 3, 1930 Jan. 27, 1936	N	N	Well N9-43 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Perforated from 1,600 to 1,760 ft. Historical observation well.
* 29-201	G. W. Hatch	Bob Roberts	1929	1,800	12	--	Ec	604	96.1 418.82	Nov. 18, 1929 Aug. 19, 1971	Sub, E 1-1/2	N	Well 07-3 in Texas Board of Water Engineers Bulletin 6003. Unused domestic and livestock well to be reworked. Historical observation well. <u>Y</u>
202	Y. C. Craft	do	1929	1,800	12	--	Ec	610	158.05 252.20	Aug. 19, 1952 July 10, 1957	C, E	N	Well 07-2 in Texas Board of Water Engineers Bulletin 6003. Unused. Historical observation well.

See footnotes at end of table.

DIKING COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE (ft)	DATE OF MEASUREMENT			
HZ-77-33-201	S. E. McKnight	--	1915	250	10	--	Ec, Ewi	743	100.60 98.98	Jan. 9, 1930 Mar. 9, 1972	C, W	D, S	Well S1-1 in Texas Board of Water Engineers Bulletin 6003. Observation well. <u>Y</u>
202	J. C. Johnson	--	1930	240	10	20	Ec, Ewi	618	36.4 65.79	Mar. 4, 1930 July 9, 1958	N	N	Well S1-14 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Historical observation well.
203	Bill Johnson	Elmo Owens	1949	--	6	--	Ec	667	48.13 53.98	Sept. 11, 1951 July 10, 1957	C, W	S	Well S1-68 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
204	H. Brauer	W. D. Morrison	1930	270	10	20	Ec, Ewi	685	51.90 64.84	Apr. 1, 1930 Aug. 29, 1957	C, W	S	Well S1-15 in Texas Board of Water Engineers Bulletin 6003. Temp. 79°F. Historical observation well.
* 301	E. G. Castellaw	do	1930	320	10	30	Ec, Ewi	665	99.00 157.56	Mar. 18, 1930 Mar. 20, 1972	N	N	Well S1-18 in Texas Board of Water Engineers Bulletin 6003 and in Water-Supply Paper 1481. Recorder observation well. <u>Y</u> <u>Y</u>
302	S. E. McKnight	--	1930	253	10	15	Ec, Ewi	697	67.00 74.01	May 13, 1930 June 6, 1957	C, W	D, S	Well S1-2 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
* 303	R. A. Manter	C. T. Lindenborn	1922	150	15	--	Ec	654	44.70 44.55	Jan. 7, 1930 Sept. 20, 1933	C, W	D, S	Well S1-11 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
304	E. C. Castellaw	R. B. Owens	1948	250	6	--	Ec, Ewi	682	99 113.42	Aug. 19, 1948 July 12, 1958	C, W	S	Well S1-82 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
305	Bill Johnson	--	1929	295	10	20	Ec, Ewi	657	54.90 75.56	Mar. 1, 1930 July 10, 1957	N	N	Well S1-16 in Texas Board of Water Engineers Bulletin 6003. Open hole from 20 to 295 ft. Temp. 79°F. Historical observation well.
* 306	Albert Ivy	Martin P. Taylor	1964	302	12	40	Ec	547	--	--	T, E	Irr	Cemented from 40 ft to surface. Reported yield of 456 gpm. Temp. 79°F. <u>Y</u>
* 307	E. C. Maurer	--	--	250	8	--	Ec, Ewi	640	51	June 10, 1956	T, K 10	S, Irr	Well S1-33 in Texas Board of Water Engineers Bulletin 6003. Temp. 80°F.
308	Hardy and Morris	O. P. Webb	1947	341	10	60	Ec, Ewi	660	--	--	T	N	Well S1-44 in Texas Board of Water Engineers Bulletin 6003. Open hole from 60 to 341 ft. Unused domestic and livestock well.
* 309	E. B. Cartwright	Charles Lindenborn	1928	325	12	325	Ewi	665	--	--	Sub, K 2	D, Irr	Well S1-7 in Texas Board of Water Engineers Bulletin 6003. Temp. 80°F.
* 310	do	Clarence Homer Brown	1966	536	7	265	Ewi	665	93.32	Mar. 12, 1971	Sub, K 5	Irr	Slotted from 247 to 265 ft. Open hole from 265 to 536 ft. Temp. 80°F. <u>Y</u>
311	-- Pearson	Frank Kellogg	1927	462	10	--	Ewi	665	90.8	May 6, 1957	T, K 15	D, Irr	Well S1-4 in Texas Board of Water Engineers Bulletin 6003.
312	Mrs. Fred K. Davis	W. D. Morrison	1929	250	10	--	Ec, Ewi	665	--	--	T, E 15	N	Well S1-10 in Texas Board of Water Engineers Bulletin 6003. Open hole from 30 to 250 ft. Unused irrigation well.
313	do	Elmo Owens	--	210	10	20	Ec, Ewi	650	--	--	T, E 15	D, E	Well S1-9 in Texas Board of Water Engineers Bulletin 6003. Open hole from 20 to 210 ft.
322	Texas Water Development Board	Texas Water Development Board	1971	263	3	147	Ec, Ewi	685	83.48 84.24	July 22, 1971 Mar. 22, 1972	N	N	Slotted from 105 to 147 ft. Open hole from 147 to 263 ft. Observation well. <u>Y</u> <u>Y</u> <u>Y</u>
501	Bill Johnson	--	--	--	--	--	--	720	120.83 121.62	Dec. 14, 1956 July 9, 1958	C, W	S	Well S1-71 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
* 502	R. G. Stocum	X. E. Owens	1955	352	12	21	Ec, Ewi	720	120.9	Feb. 11, 1965	N	N	Well S1-64 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Open hole from 21 to 352 ft. Historical observation well. <u>Y</u>

See footnotes at end of table.

DOMBL COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
HZ-77-33-504	Tommy Burns	Martin F. Taylor	1964	360	10	200	Ec, Ewi	719	--	--	T, E 30	Irr	Open hole from 200 to 360 ft. Cemented from 200 ft to surface. <u>y</u>
505	John Stahl, Sr.	Elmo Owens	1930	--	8	--	Ec	700	--	--	T, C 50	Irr	Well S1-36 in Texas Board of Water Engineers Bulletin 6003.
* 506	do	R. B. Owens	--	455	12	20	Ec, Ewi	701	--	--	T, G 50	Irr	Open hole from 20 to 455 ft. Temp. 81°F. <u>y</u>
507	Harry Stuebing	do	1949	452	12	278	Ec, Ewi	680	--	--	T, E 40	Irr	Well S1-76 in Texas Board of Water Engineers Bulletin 6003. Open hole from 278 to 452 ft. <u>y</u>
508	do	Elmo Owens	1932	--	8	--	Ec	720	--	--	T 25	W	Well S1-39 in Texas Board of Water Engineers Bulletin 6003. Unused irrigation well.
509	H. Brauer	do	1935	--	8	--	Ec	705	--	--	T, E 15	N	Well S1-40 in Texas Board of Water Engineers Bulletin 6003. Unused irrigation well.
510	W. J. Holt	--	1932	300	8	--	Ec	710	--	--	T, E 20	D	Well S1-32 in Texas Board of Water Engineers Bulletin 6003.
511	Dopson and Lansford	O. F. Webb	1947	275	10	40	Ec	683	--	--	T, E 15	N	Well S1-41 in Texas Board of Water Engineers Bulletin 6003. Open hole from 40 to 275 ft. Unused irrigation well. Development test: Drawdown of 26 ft while pumping 359 gpm on Sept. 30, 1954.
601	Oak Grove Ranch	R. B. Owens	1948	--	12	--	Ec	695	112.70 113.70	Dec. 13, 1956 July 10, 1957	N	N	Well S1-78 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Historical observation well.
602	Harry Stuebing	do	1948	315	12	22	Ec	680	--	--	T, E 40	Irr	Well S1-72 in Texas Board of Water Engineers Bulletin 6003. Open hole from 22 to 315 ft. <u>y</u>
603	do	do	1964	290	12	18	Ec	705	118	Mar. 27, 1969	T, E 50	Irr	Open hole from 18 to 290 ft. Cemented from 18 ft to surface. <u>y</u>
604	Richard George	A. E. Webb	--	--	--	--	Ec	720	--	--	T, E 50	Irr	--
* 605	do	do	--	--	--	--	Ec	730	--	--	T, E 60	Irr	Cemented from 20 ft to surface. Reported yield of 567 gpm. Temp. 81°F.
* 606	Citro Land Farms	--	1930	--	10	--	Ec	685	51	Feb. 20, 1930	T, E 40	D, Irr	Well S1-24 in Texas Board of Water Engineers Bulletin 6003. Temp. 80°F.
* 607	do	A. E. Webb	1949	350	10	20	Ec, Ewi	681	--	--	T, E 50	Irr	Well S1-73 in Texas Board of Water Engineers Bulletin 6003. Cemented from 20 ft to surface. Temp. 80°F.
608	do	do	1949	350	10	20	Ec, Ewi	682	115.95	Mar. 25, 1969	T, E 50	Irr	Well S1-74 in Texas Board of Water Engineers Bulletin 6003. Open hole from 20 to 350 ft. Cemented from 20 ft to surface.
609	do	do	1949	350	10	20	Ec, Ewi	675	--	--	T, E 50	Irr	Well S1-75 in Texas Board of Water Engineers Bulletin 6003. Cemented from 20 ft to surface.
610	Citro Land Farms	R. B. Owens	1958	280	12	20	Ec, Ewi	665	89	Oct. 10, 1958	T, E 50	Irr	Open hole from 20 to 280 ft. Cemented from 20 ft to surface. <u>y</u>
* 611	Rodriguez Brothers	D. F. Webb	1944	360	10	40	Ec, Ewi	690	90 105.98	1944 Mar. 9, 1972	T, C 50	D, S Irr	Well S1-43 in Texas Board of Water Engineers Bulletin 6003. Open hole from 40 to 360 ft. Temp. 80°F. Observation well. <u>y</u>

See footnotes at end of table.



## DIMMIT COUNTY

Table I. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
HZ-77-33-701	Leroy Jones	R. E. Owens	1952	300	6	29	Ec, Ec	810	207.26 219.07	Dec. 13, 1956 Mar. 9, 1972	C, W	S	Well S1-59 in Texas Board of Water Engineers Bulletin 6003. Open hole from 29 to 300 ft. Observation well. <u>y</u>
* 801	Ben Pitman	do	1957	556	10	385	Ec, Ewi	760	171	Aug. 8, 1957	T, Ng 125	Irr	Well S1-56 in Texas Board of Water Engineers Bulletin 6003. Open hole from 385 to 556 ft. <u>y</u>
802	Tommy Burns	do	1958	500	12	35	Ec, Ewi	720	171	Mar. 26, 1969	N	N	Open hole from 35 to 500 ft. <u>y</u>
803	Ben Pitman	do	1957	430	12	41	Ec, Ewi	750	--	--	T, Ng 125	Irr	Open hole from 41 to 430 ft. <u>y</u>
804	John Stahl, Jr.	do	1958	461	12	19	Ec, Ewi	723	173.8	Mar. 27, 1969	T, Ng 125	Irr	Open hole from 19 to 461 ft. <u>y</u>
805	Tommy Burns	do	1958	485	12	20	Ec	723	164.2	Mar. 26, 1969	N	N	Open hole from 20 to 485 ft. <u>y</u>
* 806	Ben Pitman	do	1957	520	12	15	Ec, Ewi	770	--	--	T, E 40	Irr	Open hole from 15 to 520 ft. Temp. 81°F. <u>y</u>
807	John Stahl, Jr.	do	1957	500	12	36	Ec, Ewi	762	161.9	Mar. 27, 1969	T, Ng 25	Irr	Open hole from 36 to 500 ft. <u>y</u>
808	MacBurlison Construction	--	1958	520	10	462	Ec	780	--	--	T, G	D, S Irr	Open hole from 462 to 520 ft. <u>y</u>
809	Tommy Burns	J. W. Hickerson	1960	525	12	20	Ec, Ewi	718	--	--	T, Ng 125	Irr	Open hole from 20 to 525 ft. <u>y</u>
810	W. H. Burns	R. E. Owens	1954	470	12	32	Ec	788	178.02	June 20, 1957	T, E 40	N	Well S1-55 in Texas Board of Water Engineers Bulletin 6003. Open hole from 32 to 470 ft. Unused irrigation well. Pump set at 270 ft. Reported yield of 550 gpm. Temp. 82°F. Historical observation well. <u>y</u>
34-101	Francisco Guerrero	Frank Kellogg	--	420	8	--	Ec	620	--	--	T, E 40	Irr	Well S2-133 in Texas Board of Water Engineers Bulletin 6003.
201	T. J. Powers	I. C. Cribbs	1926	720	10 6	150 500	Ec	585	293.5 199.0	Apr. 12, 1957 Feb. 8, 1961	N	N	Well S2-7 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Open hole from 500 to 720 ft. Reported yield of 275 gpm. Temp. 85°F. Historical observation well.
* 202	do	Cribbs and Davidson	1927	694	10	--	Ec	585	100 219.2	Feb. 20, 1927 July 11, 1957	T, C 100	Irr	Well S2-4 in Texas Board of Water Engineers Bulletin 6003. Temp. 83°F. Historical observation well. <u>y</u>
203	John Hogford	--	1915	740	12 8 5	200 -- --	Ec	544	198.85 171.65	Mar. 20, 1957 July 10, 1958	Sub, E	N	Well S2-22 in Texas Board of Water Engineers Bulletin 6003. Perforated. Unused.
* 204	Charles Wilson	Elmo Owens	1930	670	10 8	208 518	Ec	600	205.82 221.21	Aug. 16, 1950 Mar. 14, 1972	T, E 30	D, S Irr	Well S2-18 in Texas Board of Water Engineers Bulletin 6003. Open hole from 518 to 670 ft. Temp. 83°F. Observation well. <u>y</u>
205	T. J. Powers	W. W. Miller	1918	670	10	320	Ec	585	297.1	Mar. 20, 1957	T, G 125	Irr	Well S2-8 in Texas Board of Water Engineers Bulletin 6003. Open hole from 320 to 670 ft.
206	Francisco Guerrero	--	1925	510	8 6	-- 300	Ec	610	--	--	T, E 25	D, Irr	Well S2-1 in Texas Board of Water Engineers Bulletin 6003.
207	Marcos Palacios	Frank Kellogg	1924	452	10	150	Ec	601	--	--	T, E 30	D, S Irr	Well S2-134 in Texas Board of Water Engineers Bulletin 6003.

See footnotes at end of table.

## DIMMIT COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* HZ-77-34-208	T. J. Powers	-- Burkatt	1926	600	--	--	Ec	585	--	--	T, E 30	D, Irr	Well S2-2 in Texas Board of Water Engineers Bulletin 6003. Reported yield of 343 gpm. Temp. 86°F.
" 209	Roger A. Flood	--	1932	512	10	--	Ec	580	80	1932	T, E 30	D, Irr	Well S2-103 in Texas Board of Water Engineers Bulletin 6003. Pump set at 250 ft. Reported yield of 245 gpm. Temp. 81°F.
210	Jack Bell	--	1928	350	8	200	Ec	580	--	--	T, G 50	D	Well S2-104 in Texas Board of Water Engineers Bulletin 6003.
211	Charles Wilson	S. M. Owens	--	--	--	--	Ec	620	--	--	T, E 60	D, Irr	Well S2-135 in Texas Board of Water Engineers Bulletin 6003.
212	do	I. C. Cribbs	1945	506	10 8	303 506	Ec	619	100	Mar. 14, 1945	T, E 40	N	Well S2-115 in Texas Board of Water Engineers Bulletin 6003. Perforated. Unused. <u>y</u>
213	T. J. Powers	Cribbs and Davidson	1942	720	10 8	294 720	Ec, Bwl	585	--	--	T, E 75	D	Perforated from 294 to 720 ft. <u>y</u>
301	Charles Wilson	W. W. Miller	1926	660	12	320	Ec	540	274.80 204.09	May 3, 1957 July 12, 1958	T, Ng 100	Irr	Well S2-130 in Texas Board of Water Engineers Bulletin 6003. Open hole from 320 to 660 ft. Historical observation well.
" 302	Eagle Nest Farms	R. B. Owens	1954	649	--	--	Ec	572	242 303.35	May 8, 1954 Mar. 22, 1957	T, Ng 125	Irr	Reported yield of 677 gpm. Temp. 83°F. Historical observation well. <u>y</u>
* 303	Mrs. George Gay	W. W. Miller	1928	667	12 10	290 --	Ec	584	136.0 141.62	Nov. 1, 1928 Oct. 5, 1954	T, E 25	D, Irr	Well S2-24 in Texas Board of Water Engineers Bulletin 6003. Temp. 83°F. Historical observation well.
" 304	Eagle Nest Farms	--	1915	601	10	400	Ec	540	307.9	Mar. 16, 1966	T, Ng 125	D, Irr	Well S2-13 in Texas Board of Water Engineers Bulletin 6003. Open hole from 400 to 601 ft. Cemented from 400 ft to surface. Temp. 82°F.
305	do	--	1900	601	10	400	Ec	580	--	--	T, Ng 125	D, Irr	Well S2-12 in Texas Board of Water Engineers Bulletin 6003. Cemented from 400 ft to surface.
* 306	do	--	1956	680	10	--	Ec	580	--	--	T, Ng 125	Irr	Oil test plugged back to 680 ft and converted to water well. Temp. 82°F.
307	Pete Garza	Luke Simpson	1927	677	10	420	Ec	550	271.2	Mar. 13, 1969	T, E	N	Well S2-25 in Texas Board of Water Engineers Bulletin 6003. Open hole from 420 to 677 ft. Unused irrigation well.
308	Eagle Nest Farms	R. B. Owens	1958	690	10	408	Ec	573	--	--	T, Ng 125	Irr	Open hole from 408 to 690 ft. <u>y</u>
* 310	T. J. Powers	Martin P. Taylor	1966	540	12	375	Ec	590	331	Sept. 30, 1966	T, C 100	Irr	Cemented from 375 ft to surface. Reported yield of 1,420 gpm. Temp. 96°F. <u>y</u>
311	do	-- Spurge	1966	650	12	380	Ec	555	315	1966	T, C 125	Irr	Open hole from 380 to 650 ft. Cemented from 380 ft to surface. <u>y</u>
312	Charles Wilson	McKinley Drilling Co.	1961	740	10	740	Ec	590	--	--	T, Ng 150	D, Irr	--
* 313	Eagle Nest Farms	R. B. Owens	1963	696	12	444	Ec	575	--	--	T, Ng 250	Irr	Open hole from 444 to 696 ft. Temp. 82°F. <u>y</u>
314	do	John Petty	1953	680	10	680	Ec	574	--	--	T, Ng 125	Irr	Oil test drilled to 5,006 ft, plugged back to 680 ft, and converted to water well.
315	-- Johnson	--	1916	625	10	400	Ec	520	--	--	T, G 90	N	Well S2-123 in Texas Board of Water Engineers Bulletin 6003. Unused irrigation well.

See footnotes at end of table.

DIMMIT COUNTY

Table I. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIPT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
HZ-77-34-316	-- Johnson	--	1916	675	8	400	Ec	520	--	--	T	N	Well S2-124 in Texas Board of Water Engineers Bulletin 6003. Unused irrigation well.
* 401	T. J. Powers	Martin P. Taylor	1966	355	12	231	Ec	650	--	--	T, C 100	Irr	Cemented from 20 ft to surface. Reported yield of 320 gpm. Temp. 81°F. <u>Y</u>
402	do	do	1966	355	12	226	Ec	621	181 178.43	May 1966 Mar. 17, 1972	T, C 100	Irr	Cemented from 30 ft to surface. Open hole from 226 to 355 ft. Observation well. <u>Y</u> <u>Y</u>
403	do	do	1966	365	12	230	Ec	585	--	--	T, C 100	Irr	Cemented from 15 ft to surface. <u>Y</u>
404	Albert Ivy	do	1964	315	12	40	Ec	550	--	--	T, E 75	Irr	Cemented from 40 ft to surface. <u>Y</u>
405	do	do	1964	305	12	40	Ec	550	119 138.95	May 1964 Sept. 17, 1969	T, E 60	Irr	Cemented from 40 ft to surface. <u>Y</u>
* 406	do	do	1966	297	12	16	Ec	550	--	--	T, E 60	Irr	Cemented from 16 ft to surface. Reported yield of 708 gpm. Temp. 79°F. <u>Y</u>
407	Charles Wilson	I. C. Cribbs	1944	670	10 8	335 670	Ec	621	--	--	T, E 40	N	Well S1-50 in Texas Board of Water Engineers Bulletin 6003. Perforated. Unused irrigation well. <u>Y</u>
* 408	A. C. Carte	J. W. Hickerson	1960	610	12	610	Ec	661	149.70 168.67	Mar. 12, 1969 Mar. 14, 1972	T, C 120	Irr	Slotted. Reported yield of 530 gpm. Temp. 83°F. Observation well. <u>Y</u> <u>Y</u>
* 501	Ollie Granberry	L. Simpson	1926	601	10 6	240 350	Ec	565	227.28 231.19	May 5, 1957 Mar. 14, 1972	Sub, E 20	D, E	Well S2-48 in Texas Board of Water Engineers Bulletin 6003. Open hole from 350 to 601 ft. Reported yield of 164 gpm. Temp. 83°F. Observation well. <u>Y</u>
* 502	-- Tackett	-- Betty	1928	680	10 8	-- --	Ec	580	87.80 98.65	Oct. 2, 1929 Aug. 12, 1943	T, E 60	N	Well S2-29 in Texas Board of Water Engineers Bulletin 6003. Deepened from 380 to 680 ft. Unused irrigation well. Historical observation well.
503	Charles Wilson	I. C. Cribbs	1944	675	12 8	333 675	Ec	600	199.52 155.55	Mar. 22, 1957 July 10, 1958	T 40	N	Well S2-139 in Texas Board of Water Engineers Bulletin 6003. Abandoned, casing collapsed. Perforated from 240 to 260 ft and 295 to 333 ft. Historical observation well. <u>Y</u>
504	Jack C. Votaw	R. B. Owens	1960	633	10 8	380 633	Ec	560	182 234.1	1960 Mar. 12, 1969	T, E 50	N	Unused livestock and irrigation well. Development test: Drawdown of 30 ft while pumping 269 gpm on Apr. 15, 1968. <u>Y</u>
505	Charles Wilson	I. C. Cribbs	1944	665	10 8	-- 665	Ec	615	130	July 31, 1944	T	N	Well S2-136 in Texas Board of Water Engineers Bulletin 6003. Unused. <u>Y</u>
506	do	do	1942	624	10 8	309 624	Ec, Evl	615	118	May 2, 1942	T, E 40	N	Well S2-139 in Texas Board of Water Engineers Bulletin 6003. Perforated from 309 to 624 ft. Unused. <u>Y</u>
507	do	do	1944	660	10 8	323 660	Ec, Evl	601	140	Nov. 9, 1944	T, E 40	N	Well S2-114 in Texas Board of Water Engineers Bulletin 6003. Perforated from 323 to 660 ft. Unused irrigation well. <u>Y</u>
508	Silva and Rowden	C. Davenport	1922	803	12	350	Ec	579	--	--	T	N	Well S2-47 in Texas Board of Water Engineers Bulletin 6003. Unused irrigation well.
509	do	W. W. Miller	1922	350	12	350	Ec	599	180	May 1929	T	N	Well S2-46 in Texas Board of Water Engineers Bulletin 6003. Unused irrigation well. Development test: Drawdown of 86 ft while pumping 652 gpm on Jan. 21, 1953.

See footnotes at end of table.

DIMMIT COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASTING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* HZ-77-34-601	City of Asherton	Layne-Texas Co.	1926	640	10 6	159 351	Ec	552	52.5 160	June 19, 1927 1967	T, E 20	P	Well S2-62 in Texas Board of Water Engineers Bulletin 6003. Slotted from 159 to 351 ft. Open hole from 351 to 640 ft. Reported yield of 180 gpm. Temp. 84°F. <u>Y</u>
* 602	do	McKinley Drilling Co.	1965	601	8	601	Ec	552	--	--	T, E	P	Slotted from 451 to 601 ft. Cemented from 430 ft to surface. Temp. 84°F. <u>Y</u>
603	Theodore Huffman	W. W. Miller	1917	680	6	400	Ec	560	239.0	Mar. 27, 1957	T, G 42	S	Well S2-53 in Texas Board of Water Engineers Bulletin 6003. Pump set at 355 ft.
604	Ray Giffin	-- Alexander	1958	850	8 6	450 850	Ec	583	--	--	Sub, E	D	Perforated from 450 to 850 ft. Cemented from 450 ft to surface.
605	-- Daegler	--	--	650	8 5	400 --	Ec	560	--	--	T, G 100	N	Well S2-109 in Texas Board of Water Engineers Bulletin 6003. Perforated. Unused irrigation well.
701	Fred and Walker Burns	R. E. Owens	1951	656	6	355	Ec	685	132 140.28	Aug. 29, 1951 Feb. 9, 1961	C, W	S	Well S1-80 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
702	Carl Schmidt	-- Martin	1960	600	6	--	Ec	621	170.20 175.52	Mar. 12, 1969 Mar. 14, 1972	Sub, E 20	S, Irr	Observation well. <u>Y</u>
35-102	Gordon Smith	--	--	--	10	--	Ec	522	72.55 51.60	Dec. 14, 1929 Aug. 15, 1937	A, G 16	Irr	Well S2-77 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
* 103	Jack C. Votaw	M. L. V. Smith	1929	700	10	300	Ec	520	276.00 240.73	Mar. 8, 1967 Mar. 13, 1972	T, E 50	S, Irr	Well S2-43 in Texas Board of Water Engineers Bulletin 6003. Open hole from 300 to 700 ft. Temp. 81°F. Observation well. <u>Y</u>
201	Mrs. J. A. McDonald	W. W. Miller	--	1,000	8	--	Ec	550	75.20	Nov. 26, 1929	C, W	D, S	Well S2-27 in Texas Board of Water Engineers Bulletin 6003.
202	Pan American Petroleum Corp.	McKinley Drilling Co.	1966	1,215	5	807	Ec	512	247	Dec. 1966	N	N	Slotted from 680 to 807 ft. Open hole from 807 to 1,215 ft. Cemented from 650 ft to surface. <u>Y</u> <u>Y</u>
* 401	-- McLendon	N. Simpson	1911	1,000	12 8	-- 400	Ec	637	190.75 261.80	Dec. 7, 1929 July 11, 1957	T, E 25	D, S Irr	Well S2-78 in Texas Board of Water Engineers Bulletin 6003. Temp. 88°F. Historical observation well.
402	J. G. Garcia	--	1910	600	6	--	Ec	540	272.4 233.6	Mar. 21, 1957 July 11, 1957	T, E 15	S	Well S2-68 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
* 403	Wesley E. Tollett	O. F. Webb	1943	706	8 6	348 680	Ec	535	--	--	Sub, E 3	D, S	Perforated from 368 to 680 ft. Temp. 83°F. <u>Y</u>
501	R. E. Brooks	--	--	--	--	--	--	569	127.50 90.60	Dec. 14, 1929 Sept. 18, 1933	--	--	Historical observation well.
* 502	A. S. Laynd, Jr.	Fred Poole	--	--	10	--	Ec	590	144.9	Dec. 20, 1938	T, E 50	D, S Irr	Well S2-82 in Texas Board of Water Engineers Bulletin 6003. Temp. 85°F.
601	C. Ward	--	1927	1,050	10 7	300 1,050	Ec	550	208.46 197.45	Feb. 11, 1970 Mar. 15, 1972	T, E 60	D, S Irr	Well S3-6 in Texas Board of Water Engineers Bulletin 6003. Observation well. <u>Y</u>
* 701	J. P. Luthold	Fred Poole	1928	1,021	10	727	Ec, Ewi	600	133 121.67	Nov. 1, 1928 Aug. 4, 1941	T, E 40	D, S Irr	Well S2-86 in Texas Board of Water Engineers Bulletin 6003. Temp. 91°F.
* 801	J. L. Hester	--	--	1,081	--	--	Ec, Ewi	575	262.4 279.83	June 11, 1957 Dec. 18, 1962	T, E 50	Irr	Well S2-96 in Texas Board of Water Engineers Bulletin 6003. Open hole from 805 to 1,081 ft. Reported yield of 409 gpm. Development test: Drawdown of 29 ft while pumping 239 gpm on Dec. 12, 1951. Temp. 90°F. Historical observation well. <u>Y</u>

See footnotes at end of table.

## DIMMIT COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* HZ-77-35-802	Cecil Ward	J. W. Hickerson	1960	1,300	12 10	550 1,300	Ec, Ewi	590	298.90 307.08	Feb. 10, 1965 Mar. 13, 1972	T, E 125	D, S Irr	Perforated from 1,000 to 1,300 ft. Reported yield of 900 gpm. Temp. 91°F. Observation well. <u>3</u>
901	R. A. Smith	Floyd Trimm	1926	1,185	10 8	-- 300	Ec	583	109.80 153.50	Oct. 25, 1929 July 30, 1957	T, C 30	Irr	Well S2-102 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
* 902	W. E. Itz	Texaco Oil Co.	1948	1,500	10	1,500	--	580	--	--	T, C 150	D, S Irr	Oil test drilled to 4,800 ft, plugged back to 1,500 ft, and converted to water well. Cemented from 1,500 ft to surface. Pump set at 400 ft. Reported yield 907 gpm. Temp. 94°F.
* 36-301	William O'Brien	A. H. Rife	1910	1,800	6 5	1,400 1,800	Ec, Ewi	442	33.67	Aug. 20, 1952	CF, C 20	D, S Irr	Well S3-1 in Texas Board of Water Engineers Bulletin 6003. Perforated from 1,400 to 1,800 ft. Reported yield of 250 gpm. Temp. 104°F. Historical observation well.
* 401	Mrs. David Bouldin	McKinley Drilling Co.	1952	1,441	12 10	-- --	Rc	500	193.00 218.35	July 11, 1957 Mar. 16, 1966	T, E 75	Irr	Well S3-29 in Texas Board of Water Engineers Bulletin 6003. Reported yield of 700 gpm. Temp. 93°F. Historical observation well. <u>4</u>
501	S. L. Kone	S. L. Kone	1934	1,800	8	1,280	Mc, Ewi	500	61.71	May 14, 1940	C, W	N	Well S3-33 in Texas Board of Water Engineers Bulletin 6003. Open hole from 1,280 to 1,800 ft. Unused livestock well. Historical observation well.
701	Catarina Ferris Co.	Floyd Trimm	--	1,263	12	--	Ec	590	146.30 109.70	Nov. 19, 1929 Sept. 29, 1931	C, W	D, S	Well S3-8 in Texas Board of Water Engineers Bulletin 6003. Temp. 93°F. Historical observation well.
* 801	H. H. Coffield	--	1928	1,419	8	--	Ec	545	83.6 184.00	Dec. 17, 1929 Feb. 9, 1961	T, E 20	Irr	Well S3-10 in Texas Board of Water Engineers Bulletin 6003. Temp. 96°F. Historical observation well.
802	do	Bowlin Drilling Co.	1969	1,038	8	1,038	Eb	545	276.95 283.55	Feb. 12, 1970 Mar. 13, 1972	Sub, E 5	S, Irr	Observation well. <u>3</u>
803	do	Floyd Trimm	1924	1,470	8 6	-- --	Ec	510	15	Jan. 1930	T, E 60	Irr	Well S3-11 in Texas Board of Water Engineers Bulletin 6003. Temp. 94°F.
* 37-101	G. I. McCarley	-- Winch	1955	1,770	12 8	400 1,565	Ec	475	187.47 229.30	Apr. 23, 1957 Mar. 9, 1972	Sub, E	D, S	Open hole from 1,565 to 1,770 ft. Reported yield of 400 gpm. Temp. 102°F. Observation well. <u>3</u>
* 102	Lawrence W. Henderson	Stan Ross Drilling Co.	1955	1,768	10 8	482 1,068	Ec	460	--	--	T, C 125	D, S Irr	Open hole from 1,068 to 1,768 ft. Pump set at 300 ft. Reported yield of 553 gpm. Temp. 102°F. <u>4</u>
* 201	Jack Bowman	--	1910	1,710	8	--	Ec	484	3.50 150.16	Jan. 6, 1930 July 11, 1958	T, C	S	Well T1-5 in Texas Board of Water Engineers Bulletin 6003. Temp. 86°F. Historical observation well. <u>4</u>
501	H. G. Ritchie	McKinley Drilling Co.	1951	2,065	10 8	-- 2,065	Ec	485	172.80 265.45	May 21, 1957 Mar. 13, 1972	T, C 200	Irr	Well T1-12 in Texas Board of Water Engineers Bulletin 6003. Slotted from 1,850 to 2,060 ft. Observation well. <u>3</u>
41-101	H. A. Fitzsimmons	--	--	280	8	--	Ec	825	197.2 204.47	Nov. 12, 1930 June 7, 1957	C, W	S	Well S1-30 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
* 401	Bill George	R. B. Owens	--	375	--	--	Ec, Ewi	805	189.00 206.12	July 30, 1957 Mar. 9, 1972	C, W	S	Well S4-5 in Texas Board of Water Engineers Bulletin 6003. Observation well. <u>3</u>
42-301	Dolph Ericsoe	--	--	1,424	10	--	Ec	660	190.70 312.52	Dec. 10, 1929 Feb. 25, 1972	N	N	Well S2-94 in Texas Board of Water Engineers Bulletin 6003 and in Water-Supply Paper 1481. Recorder observation well. <u>1</u> <u>3</u>

See footnotes at end of table.

## DIMIT COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING (NET)	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* HZ-77-42-801	Dolph Ericsoe	--	1928	1,374	12	380	Ec	613	72.45 182.31	Dec. 10, 1929 Mar. 9, 1972	Sub, R	D, S	Well 83-5 in Texas Board of Water Engineers Bulletin 6003. Open hole from 1,083 to 1,374 ft. Observation well. <sup>3</sup>
43-102	Lorenz Zaumbrecher	--	--	1,385	10	--	Ec	651	153.40 135.60	Dec. 13, 1929 Aug. 4, 1941	N	N	Well 82-91 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Historical observation well.
301	Catarine Farms Co.	--	--	--	10	--	--	584	113.34 146.30	Dec. 20, 1932 Aug. 12, 1949	N	N	Well 83-16 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
401	do	--	1928	1,422	10	1,044	Ec	598	122.2 147.78	Dec. 10, 1929 Aug. 15, 1950	W	--	Well 83-3 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
801	do	--	--	1,615	10	--	Ec	571	85.90 102.45	Dec. 11, 1929 Sept. 19, 1956	C, W	S	Well 85-10 in Texas Board of Water Engineers Bulletin 6003. Historical observation well.
44-101	T. Vivian	--	--	--	--	--	Ec	480	165.83 203.26	July 11, 1937 Mar. 9, 1972	Sub, E	D, S	Well 83-23 in Texas Board of Water Engineers Bulletin 6003. Reported yield of 350 gpm. Observation well. <sup>3</sup>
* 102	Merle Burns	Floyd Trima	1926	1,334	12	307	Eb, Ec	540	102.6	Dec. 22, 1938	T, G FOB	F	Well 83-22 in Texas Board of Water Engineers Bulletin 6003. Perforated from 718 to 1,025 ft. Open hole from 1,025 to 1,334 ft. Pump set at 370 ft. Temp. 98°F. <sup>3</sup>
* 401	R. H. Sims	--	--	1,170	10	305	Eb, Ec	480	69.0 84.54	Dec. 11, 1920 June 11, 1957	C, W	N	Well 86-2 in Texas Board of Water Engineers Bulletin 6003. Unused livestock well. Historical observation well.
* 402	O. V. Ray	Fred Poole	--	1,432	10	1,071	Ec	482	38.80 31.68	Apr. 17, 1928 Mar. 26, 1957	T, E 30	N	Well 86-4 in Texas Board of Water Engineers Bulletin 6003. Unused irrigation well. Temp. 94°F. Historical observation well.
501	C. E. Luker	-- Seward	1929	1,816	10	1,170	Ec	531	50.48 49.00	Oct. 21, 1929 Sept. 18, 1933	N	N	Well 86-5 in Texas Board of Water Engineers Bulletin 6003. Abandoned. Perforated from 1,555 to 1,618 ft. Historical observation well.
* 45-401	G. E. Light	--	1910	2,040	--	--	Ec	540	58 97.63	Oct. 26, 1930 Feb. 4, 1965	T, E	D, S	Well 14-1 in Texas Board of Water Engineers Bulletin 6003. Historical observation well. <sup>4</sup>
* 49-301	Chupadera Ranch	--	--	220	7	--	Eb	700	161.3	July 20, 1961	E, W	S	--
50-201	Albert E. Gates	--	1945	1,381	7	1,170	Ec	700	252.62 265.26	Feb. 12, 1965 Mar. 9, 1972	C, W	S	Perforated from 1,190 to 1,221 ft., 1,254 to 1,284 ft., and 1,315 to 1,348 ft. Observation well. <sup>3</sup>

\* For chemical analyses of water, see Table 4.

<sup>1</sup> Drillers' log in files of the Texas Water Development Board.<sup>2</sup> Mechanical logs in files of the Texas Water Development Board.<sup>3</sup> For water-level measurements from observation wells, see Table 3.<sup>4</sup> Well also appears in Texas Water Development Board Report 70, "Water-level Data from Observation Wells in the North western Gulf Coastal Plain of Texas," 1968.

# DIMMIT COUNTY

## Table 2.—Selected Oil, Gas, and Stratigraphic Tests

Type Log: D, Drillers'; E, Electric; R, Radioactivity; S, Sample.  
Logs in Texas Water Development Board files

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
HZ-76-32-201	Wellington Oil Co.	D. J. Sullivan No. B-1	1941	2,748	685	E
302	Sutton Producing Co.	NCT-B-6 No. 5 Fee	1957	2,241	716	E
501	Wellington Oil Co.	Sullivan No. B-2	1942	2,819	680	E
48-101	Humble Oil and Refining Co.	Fitzsimons No. 323	1967	2,950	705	E
201	The Shamrock Oil and Gas Corp.	H. A. Fitzsimons, et al. No. 2	1958	1,015	731	E
601	do.	Hugh Fitzsimons, et al. No. 31	1969	3,600	822	E
77-18-908	C. C. Winn and Texas Seaboard Oil Co.	G. C. Jackson No. 1	1958	4,535	576	E
910	I. K. Howeth, et al.	Travis O. Box No. 1	1955	3,659	562	E
911	Howeth and Mason	Rosa E. Crenshaw, Estate No. 6	1954	3,629	576	E
912	Howeth and Mason, et al.	G. C. Crenshaw No. 1	1956	4,600	576	E
913	do.	E. L. Dismukes No. 2	1955	3,580	570	E
19-902	Bennett Brothers Drilling Co.	Mary Bachman No. 1	1945	3,309	557	E
904	do.	E. R. Jones "A" No. 6	1970	5,600	590	E
25-304	Big Springs Exploration Co.	George Dewey Speer No. 1	1960	3,680	614	E
503	Anderson and Prichard Oil Corp.	S. E. McKnight No. 2	1948	2,280	678	E
607	Renwar Oil Corp., et al.	Eva D. Williams No. A-1	1955	3,110	624	E
912	Sutton Drilling Co.	J. F. Cleveland No. 3	1955	2,803	653	E
913	do.	J. F. Cleveland No. 4	1955	2,895	651	E
914	Henderson Coquat, O. N. Beer and Gus Canales	E. Dolan No. 1	1955	2,650	622	E
26-112	Howeth and Mason	C. Zedler No. 1	1953	4,222	600	E
206	McCabe, Turner and Pronto Drilling Co.	J. S. Ward No. 1	1955	3,300	539	E
311	Pronto Drilling Co. and Foster Hinson	H. P. Hunnicutt	1956	3,910	520	E
607	W. W. Oatman, et al.	F. R. Van Hoozer No. 1	1962	4,014	520	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Dimmit County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
HZ-77-26-608	W. W. Oatman	Ruth McLean Bowman No. 1	1963	4,018	526	E
719	Antler Drilling Co., Inc.	A. Votaw No. 1	1955	2,998	627	E
721	E. C. McRorey and Pronto Drilling Co.	Mary Blanche Vernor No. A-1	1957	2,791	593	E
907	J. C. McCabe and Bowman Cattle Co.	Ruth McLean Bowman No. 1	1959	8,667	497	E
27-405	Howeth and Mason and Intex Oil Co.	Dee Davenport No. 2	1954	4,505	576	E
406	do.	Dee Davenport No. 1	1952	4,145	596	E
707	W. W. Oatman	Ruth McLean Bowman No. 1	1963	4,018	526	E
708	W. J. Dick	Frost National Bank No. 2	1964	3,875	519	E
28-301	Howeth and Mason	R. L. Bach No. 1	1962	4,878	610	E
403	Deep Rock Oil Corp.	C. W. Barker No. 1	1951	8,517	518	E
602	Sun Oil Co.	Frost National Bank, Trustee No. 1	1970	6,465	510	E
902	do.	Frost National Bank and Trust No. 44	1971	5,800	496	E
903	do.	J. H. Bagby, et al. No. 4	1970	5,565	482	E
29-101	Amerada Petroleum Corp.	Odus Waldrum No. 1	1955	8,845	547	E
501	The Texas Co.	E. T. Standifer No. 1	1947	8,171	510	E
604	Kirkwood and Morgan	Y. C. Strait No. 1	1952	5,138	514	E
701	Cockrell and Continental Oil Co.	O. C. Rogers No. 1	1948	6,183	554	E
801	Adams and Haggarty	Anna and R. B. Vesper No. 1	1954	5,205	466	E
33-101	Michel T. Halbouty	Damon White No. 1	1956	3,201	765	E
205	W. J. Walton	— McKnight No. 1	1943	2,837	677	E
206	Calatexia Co.	S. E. McKnight No. 1	1945	2,960	698	E
315	Pronto Drilling Co. and Reiner Oil Co.	J. C. Johnson, et al. No. 1	1958	3,007	627	E
318	Humble Oil and Refining Co.	S. E. McKnight No. 1	1945	5,017	655	E
320	do.	J. C. Johnson No. B-1	1946	3,193	637	E
512	Sun Oil Co.	Joe R. Straus No. 1	1958	3,600	722	E
513	Michel T. Halbouty, et al.	Robert Shook No. 4	1959	3,600	735	E



Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Dimmit County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
HZ-77-33-612	Sun Oil Co.	Joe R. Straus No. 2	1959	3,850	722	E
613	do.	Joe R. Straus No. 4	1960	3,500	685	E
614	Allen and Schumate, Inc.	Joe Straus No. 1	1963	3,610	707	E
34-317	Sutton Drilling Co.	Dr. Asher McComb No. 3	1956	3,720	524	E
318	The Texas Co.	Ethel Payne No. 1	1947	4,015	522	E
35-301	Spartan Drilling Co.	N. C. King No. 1	1952	4,716	530	E
702	Howeth and Mason	— McLaren No. 1	1953	5,065	630	E
903	The Texas Co.	Catarina Farms No. 1	1946	4,810	568	E
36 101	J. Frank Stringer and Petroleum Inc., et al.	Oliver Addison Taylor, et al. No. 1	1960	9,012	465	E
402	Sun Oil Co.	David W. Bouldin No. 1	1953	4,953	506	E
37-103	Stanross Production Corp.	Geo. W. Henrichson No. 1	1954	5,231	499	E
104	Barnsdall Oil Co.	H. W. Henrichson No. 1	1946	5,284	491	E
105	DeLange and Milam Drilling Co.	Walter Herbst No. 1	1947	5,505	482	E
41-301	W. J. Steeger	Leroy C. Jones No. 1	1956	4,022	739	E
601	Sutton Drilling Co.	Bill George No. 1	1956	4,338	701	E
42-302	Howeth and Mason	J. R. Marmion No. 1	1953	5,015	647	E
43-501	Henderson Coquat and Algond Oil Co.	H. A. Dillon No. 2	1948	5,210	570	E
601	Armstrong and Horn	do.	1955	5,095	569	E
44-301	Howeth and Mason	Geo. Light, Jr. No. 6	1953	5,556	543	E
45-101	Union Producing Co.	— Light No. 1	1958	5,900	543	E
201	Sun Oil Co.	George E. Light No. 1	1955	6,072	604	E

# DIMMIT COUNTY

## Table 3.—Water Levels in Selected Wells

Water-level measurements, in feet, above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HZ-76-40-901</b>		<b>Well HZ-77-18-904—Continued</b>		<b>Well HZ-77-25-401—Continued</b>	
Owner: W. C. Ammann		Mar. 5, 1970	293.20	Feb. 10, 1965	78.60
Feb. 10, 1965	192.75	Apr. 2, 1971	459.45	Mar. 14, 1966	78.79
Mar. 15, 1966	189.17	Mar. 8, 1972	341.88	Mar. 8, 1967	76.36
Mar. 8, 1967	189.92	<b>Well HZ-77-19-703</b>		Feb. 28, 1968	75.97
Feb. 28, 1968	187.91	Owner: Paul Little		July 28, 1968	75.97
Feb. 6, 1969	187.10	Jan. 15, 1969	366.96	Nov. 26, 1968	78.81
Jan. 15, 1970	186.96	Mar. 5, 1970	303.85	Jan. 27, 1969	80.32
Mar. 11, 1970	187.03	Mar. 14, 1972	361.93	Mar. 27, 1969	79.18
Mar. 16, 1971	188.47	<b>Well HZ-77-25-201</b>		July 29, 1969	80.77
Mar. 9, 1972	188.52	Owner: J. Bland Catlett		Sept. 26, 1969	76.14
<b>Well HZ-76-48-801</b>		July 18, 1957	222.17	Oct. 21, 1969	76.94
Owner: H. A. Fitzsimmons		Sept. 29, 1960	203.42	Nov. 20, 1969	77.08
Feb. 11, 1965	25.16	Feb. 8, 1961	193.80	Dec. 16, 1969	76.02
Mar. 15, 1966	24.16	Feb. 15, 1962	223.74	Jan. 16, 1970	75.85
Mar. 8, 1967	24.61	Jan. 20, 1964	237.78	Feb. 19, 1970	76.13
Feb. 14, 1968	24.70	Feb. 10, 1965	241.40	Mar. 24, 1970	75.69
Feb. 7, 1969	23.98	Mar. 15, 1966	246.06	Apr. 22, 1970	75.58
Mar. 17, 1971	25.64	Mar. 8, 1967	242.41	May 21, 1970	76.64
Mar. 9, 1972	23.53	Feb. 28, 1968	240.66	June 23, 1970	76.73
<b>Well HZ-77-18-704</b>		Jan. 10, 1969	251.42	July 22, 1970	76.50
Owner: State of Texas (A&M)		Feb. 6, 1969	242.04	Aug. 21, 1970	75.54
July 22, 1930	89.6	Mar. 4, 1970	249.24	Sept. 21, 1970	75.60
Feb. 10, 1965	256.4	Mar. 18, 1971	268.50	Oct. 20, 1970	75.50
Mar. 15, 1966	239.10	Mar. 14, 1972	262.18	Nov. 18, 1970	75.52
Feb. 14, 1968	251.70	<b>Well HZ-77-25-401</b>		Dec. 22, 1970	75.70
Feb. 6, 1969	253.40	Owner: F. M. Covert		Jan. 20, 1971	80.77
Mar. 4, 1970	241.60	Dec. 11, 1956	78.87	Feb. 25, 1971	78.67
Mar. 17, 1972	256.68	July 8, 1958	77.61	Mar. 25, 1971	75.73
<b>Well HZ-77-18-904</b>		Sept. 29, 1960	80.45	Apr. 20, 1971	75.75
Owner: Griffin and Brand		Feb. 8, 1961	78.57	May 20, 1971	75.86
Mar. 18, 1966	344.05	Feb. 15, 1962	80.45	June 18, 1971	75.64
May 7, 1968	326.20	Dec. 19, 1962	82.25	July 22, 1971	78.60
May 7, 1969	325.90	Jan. 21, 1964	77.98	Aug. 20, 1971	80.03
				Sept. 21, 1971	76.83

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	
<b>Well HZ-77-25-401—Continued</b>			<b>Well HZ-77-26-101—Continued</b>			
Oct. 19, 1971	75.57	Sept. 29, 1960	196.50	Owner: Edward Gardner		
Nov. 22, 1971	76.72	Feb. 8, 1961	179.7	Mar. 4, 1970	208.47	
Dec. 21, 1971	77.88	Feb. 15, 1962	190.0	Mar. 18, 1971	224.80	
Jan. 25, 1972	76.51	Dec. 19, 1962	253.59	Mar. 14, 1972	217.97	
Feb. 25, 1972	76.40	Jan. 20, 1964	246.33	<b>Well HZ-77-26-605</b>		
Mar. 22, 1972	81.15	Feb. 10, 1965	242.9	Owner: Albert Ivy		
<b>Well HZ-77-25-602</b>			Mar. 15, 1966	(Recorder well; recorder installed Apr. 2, 1969)		
Owner: John R. Hooper			Mar. 8, 1967	Feb. 5, 1969	323.18	
Oct. 29, 1929	49.2	Feb. 14, 1968	254.44	Apr. 2, 1969	333.89	
Aug. 20, 1962	99.03	Feb. 5, 1969	257.85	Apr. 5, 1969	336.43	
Sept. 10, 1953	105.88	Jan. 15, 1970	236.57	Apr. 10, 1969	338.24	
Oct. 5, 1954	111.93	Mar. 4, 1970	230.53	Apr. 15, 1969	340.15	
Sept. 19, 1955	116.50	Mar. 18, 1971	270.34	Apr. 20, 1969	341.94	
Sept. 18, 1956	121.98	Mar. 14, 1972	251.44	Apr. 25, 1969	339.57	
Mar. 19, 1957	163.25	<b>Well HZ-77-26-205</b>			Apr. 30, 1969	336.68
July 8, 1958	158.90	Owner: Mask Oil Co.			May 5, 1969	336.66
Nov. 14, 1968	162.72	Apr. 3, 1969	212.70	May 10, 1969	334.67	
Dec. 19, 1968	159.76	Mar. 5, 1970	211.67	May 15, 1969	327.88	
Mar. 4, 1970	156.85	Mar. 18, 1971	219.73	May 20, 1969	318.81	
Mar. 18, 1971	164.68	Mar. 14, 1972	303.95	May 25, 1969	316.80	
Mar. 14, 1972	168.71	<b>Well HZ-77-26-301</b>			May 31, 1969	321.75
<b>Well HZ-77-25-604</b>			Owner: C. B. K. Industrial Corp.			
Owner: E. R. Close			Apr. 12, 1957	June 5, 1969	326.97	
Nov. 1944	110	June 21, 1957	283.40	June 10, 1969	332.12	
Mar. 18, 1969	224.25	June 26, 1957	291.20	June 15, 1969	337.04	
Mar. 4, 1970	204.93	July 11, 1958	255.00	June 20, 1969	341.62	
Mar. 18, 1971	212.68	Sept. 29, 1960	250.22	June 25, 1969	348.19	
<b>Well HZ-77-26-101</b>			Feb. 7, 1961	June 30, 1969	354.71	
Owner: W. G. Orr			Dec. 19, 1962	July 5, 1969	359.54	
Oct. 3, 1929	67.7	Jan. 21, 1964	301.80	July 31, 1969	365.51	
Aug. 21, 1952	238.49	Feb. 3, 1965	348.5	Aug. 5, 1969	368.69	
Oct. 6, 1954	218.04	Feb. 13, 1968	337.87	Aug. 10, 1969	369.80	
Sept. 21, 1955	233.51	Feb. 5, 1969	340.98	Aug. 15, 1969	374.05	
Sept. 17, 1956	264.97	Jan. 20, 1970	280.96	Aug. 20, 1969	377.72	
May 6, 1957	228.7	Mar. 5, 1970	278.85	Aug. 25, 1969	382.25	
July 12, 1958	249.33	Mar. 10, 1972	314.31	Aug. 31, 1969	378.02	
				Sept. 5, 1969	371.00	
				Sept. 10, 1969	365.91	

Table 3.--Water Levels in Selected Wells in Dimmit County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well HZ-77-26-605--Continued		Well HZ-77-26-605--Continued		Well HZ-77-26-605--Continued	
Sept. 15, 1969	366.57	Apr. 5, 1970	269.13	Oct. 15, 1970	293.87
Sept. 20, 1969	369.92	Apr. 10, 1970	267.71	Oct. 20, 1970	293.67
Sept. 25, 1969	371.55	Apr. 15, 1970	271.97	Oct. 25, 1970	302.44
Sept. 30, 1969	369.96	Apr. 20, 1970	274.61	Oct. 31, 1970	307.77
Oct. 5, 1969	371.88	Apr. 25, 1970	274.24	Nov. 5, 1970	306.79
Oct. 10, 1969	370.00	Apr. 30, 1970	276.14	Nov. 10, 1970	308.57
Oct. 15, 1969	361.92	May 5, 1970	280.47	Nov. 15, 1970	311.68
Oct. 20, 1969	350.87	May 10, 1970	286.83	Nov. 20, 1970	314.27
Oct. 25, 1969	353.61	May 15, 1970	292.56	Nov. 25, 1970	317.74
Oct. 31, 1969	343.11	May 20, 1970	293.99	Nov. 30, 1970	319.72
Nov. 5, 1969	341.72	May 25, 1970	292.92	Dec. 5, 1970	321.18
Nov. 10, 1969	337.68	May 31, 1970	293.68	Dec. 10, 1970	325.97
Nov. 15, 1969	333.65	June 5, 1970	290.23	Dec. 15, 1970	328.97
Nov. 20, 1969	332.71	June 10, 1970	287.66	Dec. 20, 1970	330.63
Nov. 25, 1969	328.28	June 15, 1970	290.12	Dec. 25, 1970	332.17
Nov. 30, 1969	318.93	June 20, 1970	293.03	Dec. 31, 1970	331.98
Dec. 5, 1969	312.35	June 25, 1970	295.76	Jan. 5, 1971	332.61
Dec. 10, 1969	307.29	June 30, 1970	298.64	Jan. 10, 1971	334.10
Dec. 15, 1969	302.19	July 5, 1970	299.79	Jan. 15, 1971	337.11
Dec. 20, 1969	301.48	July 10, 1970	299.36	Jan. 31, 1971	337.49
Dec. 25, 1969	295.18	July 15, 1970	301.83	Feb. 5, 1971	340.96
Dec. 31, 1969	289.84	July 20, 1970	301.99	Feb. 10, 1971	346.53
Jan. 5, 1970	286.16	July 25, 1970	302.03	Feb. 15, 1971	350.03
Jan. 10, 1970	284.39	July 31, 1970	303.92	Feb. 20, 1971	351.59
Jan. 20, 1970	280.31	Aug. 5, 1970	303.52	Feb. 25, 1971	353.90
Jan. 25, 1970	276.15	Aug. 10, 1970	301.89	Feb. 28, 1971	354.73
Jan. 31, 1970	272.77	Aug. 15, 1970	297.12	Mar. 5, 1971	354.93
Feb. 5, 1970	271.50	Aug. 20, 1970	292.52	Mar. 10, 1971	355.02
Feb. 10, 1970	270.68	Aug. 25, 1970	290.58	Mar. 15, 1971	356.10
Feb. 15, 1970	270.34	Aug. 31, 1970	291.50	Mar. 20, 1971	357.31
Feb. 20, 1970	267.71	Sept. 5, 1970	293.73	Mar. 25, 1971	359.75
Feb. 25, 1970	266.03	Sept. 10, 1970	299.18	Mar. 31, 1971	366.51
Feb. 28, 1970	265.01	Sept. 15, 1970	302.58	Apr. 5, 1971	369.10
Mar. 5, 1970	262.47	Sept. 20, 1970	305.53	Apr. 10, 1971	371.55
Mar. 10, 1970	260.34	Sept. 25, 1970	308.53	Apr. 15, 1971	374.37
Mar. 15, 1970	259.69	Sept. 30, 1970	305.99	Apr. 20, 1971	377.91
Mar. 25, 1970	261.35	Oct. 5, 1970	303.92	Apr. 25, 1971	378.92
Mar. 31, 1970	264.53	Oct. 10, 1970	298.64	Apr. 30, 1971	379.89

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HZ-77-26-605—Continued</b>		<b>Well HZ-77-26-605—Continued</b>		<b>Well HZ-77-27-303—Continued</b>	
May 5, 1971	380.30	Dec. 10, 1971	308.97	May 23, 1969	313.57
May 10, 1971	382.93	Dec. 15, 1971	306.00	Mar. 5, 1970	288.40
May 15, 1971	385.71	Dec. 20, 1971	305.16	Mar. 8, 1972	320.41
May 20, 1971	388.70	Dec. 25, 1971	304.66		
May 25, 1971	392.82	Dec. 31, 1971	301.97	<b>Well HZ-77-27-401</b>	
May 31, 1971	397.67	Jan. 5, 1972	299.39	Owner: C. B. K. Industrial Corp.	
June 5, 1971	401.89	Jan. 10, 1972	294.34	Mar. 17, 1966	336.76
June 10, 1971	406.51	Jan. 15, 1972	294.30	Mar. 25, 1966	332.34
June 15, 1971	410.50	Jan. 20, 1972	291.88	Mar. 8, 1967	471.19
June 20, 1971	411.89	Mar. 22, 1972	309.19	May 8, 1968	338.00
June 25, 1971	412.80			Mar. 4, 1970	232.55
July 25, 1971	389.75	<b>Well HZ-77-26-708</b>		Mar. 19, 1971	285.47
July 31, 1971	386.46	Owner: Mrs. Joe Gardner		Mar. 10, 1972	247.18
Aug. 5, 1971	382.95	Feb. 6, 1969	167.90		
Aug. 10, 1971	377.51	Mar. 13, 1970	172.80	<b>Well HZ-77-27-601</b>	
Aug. 15, 1971	371.23	Mar. 19, 1971	187.68	Owner: Jack Bowman	
Aug. 20, 1971	364.54	Mar. 14, 1972	180.79	(Recorder well; recorder installed May 9, 1957 and removed Sept. 18, 1968)	
Aug. 25, 1971	359.23	<b>Well HZ-77-26-805</b>		Jan. 31, 1928	55
Aug. 31, 1971	353.81	Owner: City of Carrizo Springs		Nov. 29, 1929	61.68
Sept. 5, 1971	349.04	Feb. 10, 1965	251.76	Jan. 8, 1957	243.80
Sept. 10, 1971	346.66	Mar. 16, 1966	262.44	May 9, 1957	233.9
Sept. 15, 1971	343.65	Mar. 8, 1967	261.52	May 10, 1957	233.5
Sept. 20, 1971	341.41	Feb. 13, 1968	258.67	May 15, 1957	231.1
Sept. 25, 1971	338.16	Feb. 5, 1969	260.88	May 20, 1957	229.0
Sept. 30, 1971	336.03	Mar. 10, 1970	247.07	May 25, 1957	227.7
Oct. 5, 1971	330.91	Mar. 18, 1971	284.89	May 31, 1957	226.2
Oct. 10, 1971	326.40	Mar. 10, 1972	269.21	June 5, 1957	224.4
Oct. 15, 1971	322.51			June 10, 1957	222.9
Oct. 20, 1971	318.58	<b>Well HZ-77-26-904</b>		June 15, 1957	222.1
Oct. 25, 1971	315.30	Owner: — Nelson		June 20, 1957	220.9
Oct. 31, 1971	317.67	Mar. 6, 1969	276.95	June 25, 1957	219.9
Nov. 5, 1971	315.98	Mar. 10, 1970	241.89	June 30, 1957	219.2
Nov. 10, 1971	315.68	Mar. 18, 1971	348.37	July 5, 1957	218.9
Nov. 15, 1971	315.24	Mar. 14, 1972	278.60	July 10, 1957	218.8
Nov. 20, 1971	315.05	<b>Well HZ-77-27-303</b>		July 15, 1957	218.4
Nov. 25, 1971	314.63	Owner: John B. Connally		July 20, 1957	218.5
Nov. 30, 1971	314.03	Mar. 18, 1966	341.7	July 25, 1957	219.0
Dec. 5, 1971	312.54	May 7, 1968	322.35	July 31, 1957	219.6

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well HZ-77-27-601—Continued		Well HZ-77-27-601—Continued		Well HZ-77-27-601—Continued	
Aug. 10, 1957	222.2	Feb. 20, 1958	196.48	Aug. 31, 1958	188.12
Aug. 15, 1957	222.7	Feb. 25, 1958	194.83	Sept. 5, 1958	189.57
Aug. 20, 1957	223.4	Feb. 28, 1958	194.47	Sept. 10, 1958	189.18
Aug. 25, 1957	224.1	Mar. 5, 1958	193.22	Sept. 15, 1958	188.93
Aug. 31, 1957	224.6	Mar. 10, 1958	192.18	Sept. 20, 1958	188.03
Sept. 5, 1957	225.0	Mar. 15, 1958	191.42	Sept. 25, 1958	187.30
Sept. 10, 1957	224.6	Mar. 20, 1958	191.15	Sept. 30, 1958	186.36
Sept. 15, 1957	224.5	Mar. 25, 1958	191.50	Oct. 5, 1958	185.44
Sept. 20, 1957	224.3	Mar. 31, 1958	191.48	Oct. 10, 1958	184.96
Sept. 25, 1957	224.1	Apr. 5, 1958	191.32	Oct. 15, 1958	184.11
Sept. 30, 1957	223.2	Apr. 10, 1958	192.48	Oct. 20, 1958	182.88
Oct. 5, 1957	222.1	Apr. 15, 1958	193.85	Oct. 25, 1958	181.98
Oct. 10, 1957	221.1	Apr. 20, 1958	194.05	Oct. 31, 1958	180.72
Oct. 15, 1957	219.5	Apr. 25, 1958	194.38	Nov. 5, 1958	179.61
Oct. 20, 1957	218.5	Apr. 30, 1958	194.65	Nov. 10, 1958	178.75
Oct. 25, 1957	217.5	May 5, 1958	194.21	Nov. 15, 1958	177.78
Oct. 31, 1957	215.8	May 10, 1958	193.50	Nov. 20, 1958	177.40
Nov. 5, 1957	214.7	May 15, 1958	193.57	Nov. 25, 1958	177.50
Nov. 10, 1957	213.8	May 20, 1958	192.35	Nov. 30, 1958	177.56
Nov. 15, 1957	212.3	May 25, 1958	191.16	Dec. 5, 1958	176.62
Nov. 20, 1957	211.3	May 31, 1958	190.30	Dec. 10, 1958	177.46
Nov. 25, 1957	210.1	June 5, 1958	190.25	Dec. 15, 1958	178.58
Nov. 30, 1957	209.0	June 10, 1958	189.95	Dec. 20, 1958	179.02
Dec. 5, 1957	207.5	June 15, 1958	190.73	Dec. 25, 1958	179.61
Dec. 10, 1957	206.7	June 20, 1958	190.54	Dec. 31, 1958	179.07
Dec. 15, 1957	205.8	June 25, 1958	189.62	Jan. 5, 1959	178.91
Dec. 20, 1957	205.3	June 30, 1958	188.63	Jan. 10, 1959	178.63
Dec. 25, 1957	205.8	July 5, 1958	188.01	Jan. 15, 1959	178.53
Dec. 31, 1957	205.6	July 10, 1958	187.64	Jan. 20, 1959	178.21
Jan. 5, 1958	205.85	July 15, 1958	186.92	Jan. 25, 1959	178.66
Jan. 10, 1958	204.34	July 20, 1958	186.46	Jan. 31, 1959	178.21
Jan. 15, 1958	203.13	July 25, 1958	186.35	Feb. 5, 1959	177.02
Jan. 20, 1958	202.04	July 31, 1958	186.25	Feb. 10, 1959	175.84
Jan. 25, 1958	200.76	Aug. 5, 1958	186.65	Feb. 15, 1959	176.66
Jan. 31, 1958	199.78	Aug. 10, 1958	187.00	Feb. 20, 1959	176.78
Feb. 5, 1958	198.67	Aug. 15, 1958	187.28	Feb. 25, 1959	178.03
Feb. 10, 1958	198.20	Aug. 20, 1958	187.34	Feb. 28, 1959	178.17
Feb. 15, 1958	197.39	Aug. 25, 1958	187.45	Mar. 5, 1959	178.49

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well HZ-77-27-601—Continued		Well HZ-77-27-601—Continued		Well HZ-77-27-601—Continued	
Mar. 10, 1959	178.88	Oct. 5, 1959	175.60	Apr. 15, 1960	177.80
Mar. 15, 1959	179.03	Oct. 10, 1959	175.08	Apr. 20, 1960	177.04
Mar. 20, 1959	177.41	Oct. 15, 1959	174.15	Apr. 25, 1960	176.81
Mar. 25, 1959	176.02	Oct. 20, 1959	173.61	Apr. 30, 1960	176.56
Mar. 31, 1959	178.28	Oct. 24, 1959	173.62	May 5, 1960	174.47
Apr. 20, 1959	181.05	Oct. 31, 1959	174.70	May 10, 1960	174.23
Apr. 25, 1959	180.45	Nov. 5, 1959	173.96	May 15, 1960	174.01
Apr. 30, 1959	180.86	Nov. 10, 1959	173.97	May 20, 1960	174.20
May 5, 1959	180.87	Nov. 15, 1959	174.36	May 25, 1960	175.20
May 10, 1959	179.08	Nov. 20, 1959	174.41	May 31, 1960	175.56
May 15, 1959	179.45	Nov. 25, 1959	174.66	June 5, 1960	177.12
May 20, 1959	178.38	Nov. 30, 1959	174.97	June 10, 1960	180.06
May 25, 1959	176.63	Dec. 5, 1959	175.73	June 15, 1960	181.57
May 31, 1959	175.52	Dec. 10, 1959	176.34	June 20, 1960	184.26
June 5, 1959	174.97	Dec. 15, 1959	177.88	June 25, 1960	184.22
June 10, 1959	174.38	Dec. 20, 1959	179.20	June 30, 1960	184.92
June 15, 1959	174.58	Dec. 25, 1959	179.02	July 5, 1960	185.15
June 20, 1959	174.98	Dec. 31, 1959	178.38	July 10, 1960	186.39
June 25, 1959	177.08	Jan. 5, 1960	177.56	July 15, 1960	187.43
June 30, 1959	175.20	Jan. 10, 1960	176.33	July 20, 1960	186.12
July 5, 1959	173.67	Jan. 15, 1960	175.17	July 25, 1960	183.07
July 10, 1959	172.99	Jan. 20, 1960	174.38	July 31, 1960	181.45
July 15, 1959	172.35	Jan. 25, 1960	173.16	Aug. 5, 1960	179.92
July 20, 1959	172.42	Jan. 31, 1960	172.27	Aug. 10, 1960	179.68
July 25, 1959	171.94	Feb. 5, 1960	171.95	Aug. 15, 1960	179.62
July 31, 1959	171.25	Feb. 10, 1960	171.41	Aug. 20, 1960	178.80
Aug. 5, 1959	170.88	Feb. 15, 1960	171.57	Aug. 25, 1960	176.77
Aug. 10, 1959	171.32	Feb. 20, 1960	171.05	Aug. 31, 1960	178.45
Aug. 15, 1959	171.15	Feb. 25, 1960	171.13	Sept. 5, 1960	177.20
Aug. 20, 1959	171.23	Feb. 29, 1960	171.35	Sept. 10, 1960	176.32
Aug. 25, 1959	171.70	Mar. 5, 1960	171.69	Sept. 15, 1960	175.44
Aug. 31, 1959	171.68	Mar. 10, 1960	171.71	Sept. 20, 1960	176.38
Sept. 5, 1959	172.28	Mar. 15, 1960	172.81	Sept. 25, 1960	176.68
Sept. 10, 1959	173.57	Mar. 20, 1960	174.16	Sept. 30, 1960	175.36
Sept. 15, 1959	172.96	Mar. 25, 1960	174.39	Oct. 5, 1960	175.96
Sept. 20, 1959	173.61	Mar. 31, 1960	175.44	Oct. 10, 1960	176.09
Sept. 25, 1959	173.70	Apr. 5, 1960	176.82	Oct. 15, 1960	177.54
Sept. 30, 1959	174.84	Apr. 10, 1960	178.42	Oct. 20, 1960	177.28

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well HZ-77-27-601—Continued		Well HZ-77-27-601—Continued		Well HZ-77-27-601—Continued	
Oct. 25, 1960	177.02	May 5, 1961	166.36	Dec. 15, 1961	176.30
Oct. 31, 1960	175.45	May 10, 1961	166.15	Dec. 20, 1961	176.62
Nov. 5, 1960	174.65	May 15, 1961	165.62	Dec. 25, 1961	176.87
Nov. 10, 1960	173.65	May 20, 1961	165.46	Dec. 31, 1961	176.92
Nov. 15, 1960	172.84	May 25, 1961	165.20	Jan. 5, 1962	176.90
Nov. 20, 1960	171.71	May 31, 1961	172.14	Feb. 15, 1962	183.77
Nov. 25, 1960	170.71	June 5, 1961	170.85	Feb. 20, 1962	184.52
Nov. 30, 1960	169.44	June 10, 1961	172.82	Feb. 25, 1962	185.49
Dec. 5, 1960	168.33	June 15, 1961	173.42	Feb. 28, 1962	186.88
Dec. 10, 1960	167.50	June 20, 1961	169.48	Mar. 5, 1962	188.03
Dec. 15, 1960	166.77	June 25, 1961	167.08	Mar. 10, 1962	189.67
Dec. 20, 1960	166.04	June 30, 1961	165.68	May 25, 1962	204.03
Dec. 25, 1960	165.15	July 5, 1961	165.89	July 31, 1962	219.59
Dec. 31, 1960	164.17	July 10, 1961	165.60	Sept. 20, 1962	215.18
Jan. 5, 1961	163.58	July 15, 1961	164.83	Sept. 25, 1962	216.23
Jan. 10, 1961	162.75	July 20, 1961	164.66	Sept. 30, 1962	215.80
Jan. 15, 1961	162.00	July 25, 1961	162.68	Oct. 5, 1962	215.15
Jan. 20, 1961	161.60	July 31, 1961	162.20	Oct. 10, 1962	215.12
Jan. 25, 1961	160.98	Aug. 5, 1961	162.19	Oct. 15, 1962	216.19
Jan. 31, 1961	160.06	Aug. 10, 1961	162.02	Oct. 20, 1962	215.55
Feb. 5, 1961	158.39	Aug. 15, 1961	161.94	Oct. 25, 1962	216.00
Feb. 10, 1961	156.62	Aug. 20, 1961	162.38	Oct. 31, 1962	215.63
Feb. 15, 1961	155.80	Sept. 25, 1961	161.48	Nov. 5, 1962	215.96
Feb. 20, 1961	155.40	Sept. 30, 1961	162.38	Nov. 10, 1962	215.22
Feb. 25, 1961	154.80	Oct. 5, 1961	163.39	Nov. 15, 1962	214.75
Feb. 28, 1961	154.42	Oct. 10, 1961	164.58	Nov. 20, 1962	213.38
Mar. 5, 1961	153.76	Oct. 15, 1961	166.07	Nov. 25, 1962	212.97
Mar. 10, 1961	153.82	Oct. 20, 1961	167.28	Nov. 30, 1962	212.37
Mar. 15, 1961	154.16	Oct. 25, 1961	168.42	Dec. 5, 1962	212.42
Mar. 20, 1961	155.16	Oct. 31, 1961	169.74	Dec. 10, 1962	212.56
Mar. 25, 1961	156.20	Nov. 5, 1961	182.40	Dec. 20, 1962	213.50
Mar. 31, 1961	159.48	Nov. 10, 1961	181.78	Dec. 25, 1962	213.82
Apr. 5, 1961	160.62	Nov. 15, 1961	179.22	Dec. 31, 1962	212.65
Apr. 10, 1961	162.55	Nov. 20, 1961	178.98	Jan. 5, 1963	212.57
Apr. 15, 1961	163.72	Nov. 25, 1961	178.53	Jan. 10, 1963	213.55
Apr. 20, 1961	164.18	Nov. 30, 1961	179.08	Jan. 15, 1963	213.85
Apr. 25, 1961	165.12	Dec. 5, 1961	179.42	Jan. 20, 1963	214.06
Apr. 30, 1961	166.95	Dec. 10, 1961	179.88	Feb. 12, 1963	214.78



Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well HZ-77-27-601—Continued		Well HZ-77-27-601—Continued		Well HZ-77-27-601—Continued	
Apr. 4, 1963	219.15	Apr. 15, 1964	213.15	Oct. 25, 1964	211.28
May 28, 1963	217.69	Apr. 20, 1964	215.61	Oct. 31, 1964	210.52
Aug. 6, 1963	217.58	Apr. 25, 1964	215.82	Nov. 5, 1964	209.89
Aug. 10, 1963	217.31	Apr. 30, 1964	212.98	Nov. 10, 1964	207.74
Aug. 15, 1963	217.05	May 5, 1964	217.02	Nov. 15, 1964	207.53
Aug. 20, 1963	225.84	May 10, 1964	216.32	Nov. 20, 1964	206.51
Aug. 25, 1963	232.28	May 15, 1964	216.22	Nov. 25, 1964	206.03
Aug. 31, 1963	234.17	May 20, 1964	210.78	Nov. 30, 1964	206.24
Sept. 5, 1963	233.02	May 25, 1964	209.44	Dec. 5, 1964	205.99
Sept. 10, 1963	232.97	May 31, 1964	208.98	Dec. 10, 1964	205.33
Sept. 15, 1963	232.32	June 5, 1964	217.67	Dec. 15, 1964	205.02
Sept. 20, 1963	231.13	June 10, 1964	218.70	Dec. 20, 1964	204.52
Sept. 25, 1963	229.38	June 15, 1964	219.60	Dec. 25, 1964	204.02
Oct. 5, 1963	225.05	June 20, 1964	220.80	Dec. 31, 1964	205.65
Oct. 10, 1963	225.92	June 25, 1964	221.96	Jan. 5, 1965	209.27
Oct. 15, 1963	226.71	June 30, 1964	222.47	Jan. 10, 1965	208.93
Oct. 20, 1963	228.27	July 5, 1964	223.05	Jan. 15, 1965	208.36
Oct. 25, 1963	228.06	July 10, 1964	224.15	Jan. 20, 1965	208.51
Oct. 31, 1963	226.73	July 15, 1964	224.78	Jan. 25, 1965	208.42
Nov. 5, 1963	224.91	July 20, 1964	223.42	Jan. 31, 1965	209.29
Nov. 14, 1963	215.91	July 25, 1964	222.79	Feb. 5, 1965	207.88
Jan. 22, 1964	202.53	July 31, 1964	231.72	Feb. 10, 1965	207.37
Jan. 25, 1964	202.15	Aug. 5, 1964	234.72	Feb. 15, 1965	207.41
Jan. 31, 1964	204.09	Aug. 10, 1964	236.42	Feb. 20, 1965	206.37
Feb. 5, 1964	203.78	Aug. 15, 1964	236.18	Feb. 25, 1965	205.83
Feb. 10, 1964	203.72	Aug. 20, 1964	237.95	Feb. 28, 1965	205.45
Feb. 15, 1964	203.57	Aug. 25, 1964	222.13	Mar. 5, 1965	206.35
Feb. 20, 1964	204.26	Aug. 31, 1964	241.74	Mar. 10, 1965	206.53
Feb. 25, 1964	204.37	Sept. 5, 1964	241.37	Mar. 15, 1965	203.02
Feb. 29, 1964	204.19	Sept. 10, 1964	240.02	Mar. 20, 1965	202.94
Mar. 5, 1964	204.18	Sept. 15, 1964	230.00	Mar. 25, 1965	202.93
Mar. 10, 1964	205.63	Sept. 20, 1964	210.93	Mar. 31, 1965	198.74
Mar. 15, 1964	206.58	Sept. 25, 1964	221.35	Apr. 5, 1965	198.47
Mar. 20, 1964	206.45	Sept. 30, 1964	220.86	Apr. 10, 1965	201.20
Mar. 25, 1964	208.17	Oct. 5, 1964	212.93	Apr. 15, 1965	201.35
Mar. 31, 1964	208.58	Oct. 10, 1964	211.66	Apr. 20, 1965	201.72
Apr. 5, 1964	202.74	Oct. 15, 1964	212.52	Apr. 25, 1965	202.69
Apr. 10, 1964	201.24	Oct. 20, 1964	212.28	Apr. 30, 1965	201.71

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well HZ-77-27-601—Continued		Well HZ-77-27-601—Continued		Well HZ-77-27-601—Continued	
May 5, 1965	201.18	Nov. 15, 1965	224.81	May 25, 1966	199.69
May 10, 1965	199.81	Nov. 20, 1965	223.97	May 31, 1966	199.23
May 15, 1965	198.14	Nov. 25, 1965	222.99	June 5, 1966	199.94
May 20, 1965	198.78	Nov. 30, 1965	222.88	June 10, 1966	204.14
May 25, 1965	207.30	Dec. 5, 1965	222.13	June 15, 1966	206.51
May 31, 1965	205.71	Dec. 10, 1965	221.69	June 20, 1966	207.72
June 5, 1965	204.61	Dec. 15, 1965	221.63	June 25, 1966	207.22
June 10, 1965	204.54	Dec. 20, 1965	220.40	June 30, 1966	206.22
June 15, 1965	204.10	Dec. 25, 1965	219.39	July 5, 1966	205.82
June 20, 1965	205.19	Dec. 31, 1965	217.78	July 10, 1966	205.27
June 25, 1965	205.74	Jan. 5, 1966	216.69	July 15, 1966	205.17
June 30, 1965	207.38	Jan. 10, 1966	215.72	July 20, 1966	206.13
July 5, 1965	208.38	Jan. 15, 1966	214.58	July 25, 1966	206.30
July 10, 1965	215.95	Jan. 20, 1966	213.75	July 31, 1966	204.13
July 15, 1965	217.79	Jan. 25, 1966	212.88	Aug. 5, 1966	204.54
July 20, 1965	220.34	Jan. 31, 1966	211.30	Aug. 10, 1966	205.10
July 25, 1965	219.06	Feb. 5, 1966	211.30	Aug. 15, 1966	204.57
July 31, 1965	218.15	Feb. 10, 1966	210.48	Aug. 20, 1966	203.52
Aug. 5, 1965	218.96	Feb. 15, 1966	210.00	Aug. 25, 1966	208.37
Aug. 10, 1965	217.01	Feb. 20, 1966	209.97	Aug. 31, 1966	214.89
Aug. 15, 1965	213.91	Feb. 25, 1966	210.46	Sept. 5, 1966	215.66
Aug. 20, 1965	215.52	Feb. 28, 1966	210.23	Sept. 10, 1966	214.43
Aug. 25, 1965	215.40	Mar. 5, 1966	210.05	Sept. 15, 1966	213.65
Aug. 31, 1965	213.38	Mar. 10, 1966	210.38	Sept. 20, 1966	213.14
Sept. 5, 1965	214.27	Mar. 15, 1966	205.79	Sept. 25, 1966	212.72
Sept. 10, 1965	229.45	Mar. 20, 1966	207.76	Sept. 30, 1966	212.71
Sept. 15, 1965	230.03	Mar. 25, 1966	205.99	Oct. 5, 1966	212.87
Sept. 20, 1965	231.00	Mar. 31, 1966	205.52	Oct. 10, 1966	213.06
Sept. 25, 1965	231.84	Apr. 5, 1966	205.73	Oct. 15, 1966	213.37
Sept. 30, 1965	230.63	Apr. 10, 1966	206.17	Oct. 20, 1966	214.01
Oct. 5, 1965	229.81	Apr. 15, 1966	207.19	Oct. 25, 1966	214.55
Oct. 10, 1965	228.84	Apr. 20, 1966	207.29	Oct. 31, 1966	214.31
Oct. 15, 1965	228.12	Apr. 25, 1966	206.98	Nov. 5, 1966	215.28
Oct. 20, 1965	226.99	Apr. 30, 1966	206.72	Nov. 10, 1966	215.71
Oct. 25, 1965	226.13	May 5, 1966	206.42	Nov. 15, 1966	216.61
Oct. 31, 1965	226.94	May 10, 1966	205.48	Nov. 20, 1966	217.04
Nov. 5, 1965	226.38	May 15, 1966	204.49	Nov. 25, 1966	217.93
Nov. 10, 1965	225.48	May 20, 1966	202.26	Nov. 30, 1966	218.73

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HZ-77-27-601—Continued</b>		<b>Well HZ-77-27-601—Continued</b>		<b>Well HZ-77-27-601—Continued</b>	
Dec. 5, 1966	217.71	Aug. 15, 1967	225.74	June 23, 1970	193.56
Dec. 10, 1966	217.09	Aug. 20, 1967	225.85	July 21, 1970	192.26
Dec. 15, 1966	217.20	Aug. 25, 1967	226.61	Aug. 20, 1970	180.01
Dec. 20, 1966	217.29	Aug. 31, 1967	222.28	Sept. 21, 1970	172.00
Dec. 25, 1966	216.80	Sept. 5, 1967	222.61	Oct. 19, 1970	167.94
Dec. 31, 1966	217.02	Sept. 10, 1967	223.38	Nov. 24, 1970	168.21
Jan. 5, 1967	216.64	Sept. 15, 1967	224.28	Dec. 21, 1970	168.57
Jan. 10, 1967	216.65	Sept. 20, 1967	225.72	Jan. 21, 1971	174.68
Jan. 20, 1967	218.33	Sept. 25, 1967	224.81	Feb. 24, 1971	175.22
Mar. 8, 1967	212.93	Sept. 28, 1967	224.20	Mar. 24, 1971	179.36
Mar. 10, 1967	217.82	Jan. 31, 1968	222.40	Apr. 19, 1971	176.10
Mar. 15, 1967	216.06	Feb. 5, 1968	221.80	May 19, 1971	184.17
Mar. 20, 1967	219.22	Feb. 10, 1968	220.44	June 17, 1971	185.46
Mar. 25, 1967	221.20	Feb. 15, 1968	219.56	July 21, 1971	182.26
Mar. 31, 1967	221.56	Feb. 20, 1968	218.38	Aug. 19, 1971	177.21
Apr. 5, 1967	221.86	Feb. 25, 1968	217.50	Sept. 20, 1971	172.72
Apr. 10, 1967	221.97	Feb. 29, 1968	216.93	Oct. 18, 1971	170.83
Apr. 15, 1967	220.71	Mar. 19, 1968	210.20	Nov. 22, 1971	165.75
Apr. 20, 1967	222.13	May 21, 1968	196.93	Dec. 20, 1971	165.64
Apr. 25, 1967	223.43	May 25, 1968	196.32	Jan. 20, 1972	165.32
Apr. 30, 1967	224.35	May 31, 1968	197.64	Feb. 24, 1972	164.60
May 5, 1967	224.09	June 5, 1968	199.51	Mar. 20, 1972	164.62
May 25, 1967	221.21	June 10, 1968	202.00	Apr. 24, 1972	165.63
May 31, 1967	222.37	Sept. 18, 1968	195.13		
June 5, 1967	223.51	Nov. 26, 1968	211.38	<b>Well HZ-77-27-704</b>	
June 10, 1967	223.40	Dec. 19, 1968	172.46	Owner: Jack Bowman	
June 15, 1967	222.32	Jan. 26, 1969	209.25	July 23, 1965	260.99
June 20, 1967	225.16	Mar. 27, 1969	193.45	Mar. 15, 1966	260.03
June 25, 1967	228.62	July 29, 1969	208.65	Feb. 13, 1968	264.12
June 30, 1967	228.26	Sept. 25, 1969	243.22	Jan. 21, 1970	236.82
July 5, 1967	227.93	Oct. 21, 1969	178.51	Mar. 13, 1970	214.70
July 10, 1967	230.51	Nov. 20, 1969	184.58	Mar. 19, 1971	234.16
July 15, 1967	230.02	Dec. 16, 1969	178.43	Mar. 10, 1972	230.48
July 20, 1967	228.91	Jan. 21, 1970	173.65	<b>Well HZ-77-27-901</b>	
July 25, 1967	227.81	Feb. 18, 1970	172.31	Owner: Jack Bowman	
July 31, 1967	227.26	Mar. 24, 1970	173.76	Nov. 29, 1929	17.1
Aug. 5, 1967	225.59	Apr. 23, 1970	172.48	Sept. 14, 1948	57.50
Aug. 10, 1967	225.85	May 20, 1970	174.18	Nov. 6, 1968	156.23

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HZ-77-27-901—Continued</b>		<b>Well HZ-77-28-503—Continued</b>		<b>Well HZ-77-29-201—Continued</b>	
Mar. 26, 1969	121.78	Jan. 21, 1970	285.59	Aug. 27, 1932	92.93
July 28, 1969	130.12	Mar. 13, 1970	271.36	Dec. 22, 1932	92.25
Sept. 25, 1969	125.25	Mar. 19, 1971	308.28	Mar. 23, 1933	91.90
Oct. 21, 1969	123.24	Mar. 8, 1972	296.10	Sept. 16, 1933	92.25
Nov. 20, 1969	118.10			Aug. 28, 1934	99.25
Dec. 16, 1969	115.26	<b>Well HZ-77-28-804</b>		July 30, 1935	98.30
Jan. 21, 1970	112.09	Owner: Ben E. Ivy		Aug. 25, 1936	97.25
Feb. 18, 1970	109.77	Feb. 13, 1968	229.00	July 10, 1937	94.44
Mar. 24, 1970	107.44	Apr. 23, 1969	223.60	Jan. 15, 1938	97.43
Apr. 23, 1970	107.21	Mar. 19, 1971	241.47	Apr. 8, 1939	97.59
May 20, 1970	110.38	Mar. 8, 1972	235.25	Aug. 11, 1939	98.37
June 23, 1970	112.45			July 30, 1940	93.31
July 21, 1970	114.08	<b>Well HZ-77-29-201</b>		Aug. 5, 1941	93.34
Aug. 20, 1970	105.52	Owner: G. W. Hatch		Aug. 11, 1942	96.12
Oct. 19, 1970	103.38	Nov. 18, 1929	96.1	Aug. 10, 1943	102.23
Nov. 24, 1970	102.65	Dec. 17, 1929	94.05	July 11, 1944	103.38
Dec. 21, 1970	101.80	Jan. 17, 1930	95.00	Aug. 10, 1944	103.56
Jan. 21, 1971	103.95	Feb. 24, 1930	94.45	July 25, 1945	102.49
Feb. 24, 1971	102.01	Apr. 22, 1930	96.05	July 9, 1946	105.38
Mar. 24, 1971	106.18	May 21, 1930	96.40	July 22, 1947	108.13
Apr. 19, 1971	105.66	June 26, 1930	96.15	Sept. 14, 1948	118.01
May 19, 1971	116.29	July 18, 1930	95.65	June 16, 1949	120.60
June 17, 1971	117.63	Aug. 23, 1930	95.20	Aug. 13, 1949	119.77
July 21, 1971	103.64	Sept. 24, 1930	95.15	Aug. 15, 1950	124.95
Sept. 20, 1971	87.44	Oct. 31, 1930	95.50	Sept. 12, 1951	147.11
Oct. 18, 1971	87.66	Dec. 12, 1930	94.40	Sept. 9, 1953	193.08
Nov. 22, 1971	89.72	Jan. 13, 1931	94.20	Oct. 6, 1954	202.11
Dec. 20, 1971	99.18	Feb. 5, 1931	93.50	Sept. 20, 1955	236.3
Jan. 20, 1972	93.77	Mar. 5, 1931	92.80	Sept. 19, 1956	284.76
Feb. 24, 1972	82.21	Apr. 30, 1931	92.95	Dec. 10, 1956	286.28
Mar. 20, 1972	87.14	May 27, 1931	92.35	Feb. 18, 1957	284.10
		June 25, 1931	91.75	July 10, 1957	276.17
		July 28, 1931	91.05	Feb. 9, 1961	218.55
		Oct. 5, 1931	90.10	Dec. 17, 1962	274.74
		Dec. 5, 1931	91.00	Jan. 20, 1964	300.63
		Jan. 12, 1932	90.70	Feb. 12, 1965	331.77
		Feb. 12, 1932	91.10	July 26, 1965	336.36
		Mar. 24, 1932	91.40	Sept. 21, 1965	349.40
		July 2, 1932	92.74		
<b>Well HZ-77-28-503</b>					
Owner: City of Big Wells					
Mar. 18, 1966	277.49				
Mar. 8, 1967	284.89				
Feb. 13, 1968	278.06				
Feb. 5, 1969	282.10				

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HZ-77-29-201—Continued</b>		<b>Well HZ-77-29-201—Continued</b>		<b>Well HZ-77-33-201—Continued</b>	
Nov. 17, 1965	345.90	Mar. 24, 1970	325.12	June 30, 1932	100.90
Jan. 25, 1966	326.93	Apr. 23, 1970	326.14	Aug. 29, 1932	101.02
Mar. 15, 1966	315.00	May 20, 1970	362.28	Mar. 18, 1933	100.95
May 24, 1966	317.00	June 23, 1970	358.83	Sept. 20, 1933	101.20
July 26, 1966	341.63	July 21, 1970	349.34	Aug. 27, 1934	101.10
Sept. 21, 1966	352.53	Aug. 20, 1970	357.24	Jan. 9, 1957	107.40
Nov. 15, 1966	352.90	Sept. 21, 1970	371.50	May 7, 1957	107.99
Jan. 20, 1967	355.38	Oct. 19, 1970	355.30	June 6, 1957	107.90
Mar. 8, 1967	362.65	Nov. 17, 1970	366.54	July 8, 1958	108.65
May 24, 1967	377.10	Dec. 21, 1970	373.90	Sept. 28, 1960	109.38
July 19, 1967	426.28	Jan. 20, 1971	349.96	Feb. 7, 1961	109.45
Sept. 28, 1967	412.38	Feb. 24, 1971	358.79	Feb. 15, 1962	116.88
Nov. 14, 1967	387.91	Mar. 24, 1971	369.20	Jan. 21, 1964	110.77
Nov. 15, 1967	392.65	Apr. 19, 1971	388.25	Feb. 10, 1965	111.17
Dec. 14, 1967	378.48	May 17, 1971	396.37	Mar. 15, 1966	106.03
Jan. 25, 1968	366.20	June 17, 1971	419.62	Mar. 8, 1967	107.22
Jan. 29, 1968	365.61	July 21, 1971	418.92	Feb. 13, 1968	97.48
Feb. 27, 1968	388.19	Aug. 19, 1971	418.82	Feb. 6, 1969	96.46
Mar. 21, 1968	374.19			Jan. 22, 1970	113.77
Apr. 26, 1968	380.79	<b>Well HZ-77-33-201</b>		Mar. 16, 1971	105.80
May 23, 1968	369.20	Owner: S. E. McKnight		Mar. 9, 1972	98.98
June 13, 1968	384.05	Jan. 9, 1930	100.60		
July 12, 1968	356.08	Mar. 17, 1930	100.25	<b>Well HZ-77-33-301</b>	
Aug. 14, 1968	356.87	Apr. 16, 1930	100.35	Owner: E. G. Castellaw	
Sept. 18, 1968	366.30	May 19, 1930	100.60	(Recorder well; recorder installed Dec. 13, 1956)	
Oct. 16, 1968	345.39	June 17, 1930	100.35	Mar. 18, 1930	99.00
Nov. 25, 1968	369.81	Oct. 20, 1930	100.55	May 19, 1930	101.80
Dec. 19, 1968	338.40	Dec. 11, 1930	100.65	June 16, 1930	101.60
Jan. 30, 1969	358.98	Jan. 9, 1931	100.70	July 15, 1930	101.60
Mar. 26, 1969	357.51	Feb. 7, 1931	100.60	Aug. 26, 1930	101.85
May 15, 1969	356.69	Apr. 25, 1931	100.70	Sept. 26, 1930	102.00
July 28, 1969	369.13	June 8, 1931	100.65	Oct. 20, 1930	102.00
Sept. 25, 1969	398.08	July 2, 1931	100.70	Dec. 11, 1930	102.00
Oct. 21, 1969	373.17	Nov. 6, 1931	101.00	Jan. 9, 1931	102.20
Nov. 20, 1969	362.31	Dec. 4, 1931	100.95	Feb. 7, 1931	101.90
Dec. 15, 1969	372.01	Jan. 7, 1932	101.00	Mar. 4, 1931	101.80
Jan. 16, 1970	342.52	Feb. 11, 1932	101.00	Apr. 25, 1931	102.20
Feb. 18, 1970	343.35	Mar. 19, 1932	101.05	June 9, 1931	101.80

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HZ-77-33-301—Continued</b>		<b>Well HZ-77-33-301—Continued</b>		<b>Well HZ-77-33-301—Continued</b>	
July 2, 1931	101.90	Dec. 23, 1948	114.25	July 24, 1952	119.54
Oct. 3, 1931	101.70	Jan. 19, 1949	114.32	Aug. 20, 1952	119.80
Nov. 6, 1931	102.15	Mar. 4, 1949	113.88	Aug. 22, 1952	119.78
Dec. 4, 1931	102.15	Apr. 18, 1949	114.19	Sept. 25, 1952	120.16
Jan. 7, 1932	102.25	May 11, 1949	113.82	Oct. 23, 1952	120.53
Feb. 11, 1932	102.30	June 16, 1949	113.80	Sept. 9, 1953	122.11
Mar. 18, 1932	102.20	July 16, 1949	113.84	Oct. 12, 1954	124.04
June 18, 1932	102.21	Aug. 12, 1949	113.98	Sept. 19, 1955	126.16
Aug. 29, 1932	102.53	Sept. 22, 1949	114.44	Sept. 17, 1956	128.90
Dec. 22, 1932	102.03	Oct. 29, 1949	114.60	Dec. 13, 1956	129.64
Sept. 20, 1933	102.45	Dec. 3, 1949	115.08	Dec. 15, 1956	129.58
Aug. 27, 1934	103.10	Jan. 25, 1950	114.74	Dec. 20, 1956	129.60
Mar. 12, 1935	103.55	Apr. 6, 1950	115.32	Dec. 25, 1956	129.62
July 28, 1935	103.25	May 2, 1950	115.04	Dec. 31, 1956	129.30
Jan. 24, 1936	103.42	June 7, 1950	114.75	Jan. 5, 1957	129.63
Aug. 26, 1936	104.22	July 10, 1950	115.16	Jan. 10, 1957	129.73
July 14, 1937	103.14	Aug. 3, 1950	115.21	Jan. 15, 1957	129.60
Aug. 13, 1937	104.00	Sept. 5, 1950	115.11	Jan. 20, 1957	129.55
Jan. 11, 1938	104.01	Oct. 3, 1950	115.55	Jan. 25, 1957	129.70
Aug. 23, 1938	104.48	Nov. 2, 1950	116.11	Jan. 31, 1957	129.48
Apr. 5, 1939	104.74	Dec. 8, 1950	116.37	Feb. 5, 1957	129.71
July 17, 1939	104.74	Jan. 13, 1951	116.45	Feb. 10, 1957	129.70
Aug. 12, 1939	104.94	Feb. 11, 1951	116.49	Feb. 15, 1957	129.80
Dec. 9, 1939	105.06	Apr. 4, 1951	116.69	Feb. 20, 1957	129.90
Aug. 2, 1940	104.90	May 4, 1951	116.93	Feb. 25, 1957	129.48
Aug. 3, 1941	105.29	June 1, 1951	116.86	Feb. 28, 1957	129.66
Aug. 8, 1942	105.83	July 10, 1951	116.90	Mar. 5, 1957	129.76
Aug. 6, 1943	107.37	July 31, 1951	116.01	Mar. 10, 1957	129.54
July 8, 1944	108.22	Sept. 11, 1951	117.83	Mar. 15, 1957	130.04
Aug. 11, 1944	108.85	Oct. 24, 1951	118.07	Mar. 20, 1957	129.71
July 24, 1945	109.50	Nov. 21, 1951	118.07	Mar. 25, 1957	130.03
July 9, 1946	109.93	Dec. 21, 1951	118.21	Mar. 31, 1957	129.81
July 21, 1947	111.72	Jan. 24, 1952	118.37	Apr. 5, 1957	130.18
May 16, 1948	113.04	Feb. 22, 1952	118.50	Apr. 10, 1957	129.87
Aug. 10, 1948	113.86	Mar. 26, 1952	118.72	Apr. 15, 1957	129.82
Sept. 14, 1948	114.07	Apr. 21, 1952	118.89	Apr. 20, 1957	129.83
Oct. 11, 1948	114.47	May 26, 1952	119.12	Apr. 25, 1957	129.88
Nov. 9, 1948	114.20	June 25, 1952	119.14	Apr. 30, 1957	129.86

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well HZ-77-33-301—Continued		Well HZ-77-33-301—Continued		Well HZ-77-33-301—Continued	
May 5, 1957	130.07	Nov. 15, 1957	130.15	May 25, 1958	130.50
May 10, 1957	129.77	Nov. 20, 1957	130.35	May 31, 1958	130.48
May 15, 1957	129.83	Nov. 25, 1957	130.35	June 5, 1958	130.65
May 20, 1957	129.74	Nov. 30, 1957	130.57	June 10, 1958	130.55
May 25, 1957	129.97	Dec. 5, 1957	130.16	June 15, 1958	130.55
May 31, 1957	129.91	Dec. 10, 1957	130.22	June 20, 1958	130.58
June 5, 1957	129.88	Dec. 15, 1957	130.43	June 25, 1958	130.57
June 10, 1957	129.85	Dec. 20, 1957	130.38	June 30, 1958	130.53
June 15, 1957	130.10	Dec. 25, 1957	130.34	July 5, 1958	130.55
June 20, 1957	129.98	Dec. 31, 1957	130.32	July 10, 1958	130.62
June 25, 1957	129.96	Jan. 5, 1958	130.43	July 15, 1958	130.64
June 30, 1957	130.18	Jan. 10, 1958	130.25	July 20, 1958	130.56
July 5, 1957	130.20	Jan. 15, 1958	130.48	July 25, 1958	130.67
July 10, 1957	130.23	Jan. 20, 1958	130.12	July 31, 1958	130.72
July 15, 1957	130.17	Jan. 25, 1958	130.15	Aug. 5, 1958	130.77
July 20, 1957	130.10	Jan. 31, 1958	130.12	Aug. 10, 1958	130.82
July 25, 1957	130.08	Feb. 5, 1958	130.15	Aug. 15, 1958	130.70
July 31, 1957	130.05	Feb. 10, 1958	130.23	Aug. 20, 1958	130.70
Aug. 5, 1957	130.09	Feb. 15, 1958	130.33	Aug. 25, 1958	130.80
Aug. 10, 1957	130.00	Feb. 20, 1958	130.31	Aug. 31, 1958	130.80
Aug. 15, 1957	130.10	Feb. 25, 1958	129.90	Sept. 5, 1958	130.75
Aug. 20, 1957	130.13	Feb. 28, 1958	130.29	Sept. 10, 1958	130.73
Aug. 25, 1957	130.07	Mar. 5, 1958	130.15	Sept. 15, 1958	130.76
Aug. 31, 1957	130.14	Mar. 10, 1958	130.18	Sept. 20, 1958	130.66
Sept. 5, 1957	130.13	Mar. 15, 1958	130.23	Sept. 25, 1958	130.75
Sept. 10, 1957	130.25	Mar. 20, 1958	130.35	Sept. 30, 1958	130.70
Sept. 15, 1957	130.23	Mar. 25, 1958	130.52	Oct. 4, 1958	130.75
Sept. 20, 1957	130.27	Mar. 31, 1958	130.39	Nov. 25, 1958	130.70
Sept. 25, 1957	130.31	Apr. 5, 1958	130.28	Nov. 30, 1958	130.85
Sept. 30, 1957	130.27	Apr. 10, 1958	130.15	Dec. 5, 1958	130.50
Oct. 5, 1957	130.34	Apr. 15, 1958	130.48	Dec. 10, 1958	131.02
Oct. 10, 1957	130.46	Apr. 20, 1958	130.39	Dec. 15, 1958	130.94
Oct. 15, 1957	130.21	Apr. 25, 1958	130.37	Dec. 20, 1958	130.79
Oct. 20, 1957	130.41	Apr. 30, 1958	130.52	Dec. 25, 1958	130.85
Oct. 25, 1957	130.40	May 5, 1958	130.64	Dec. 31, 1958	130.84
Oct. 31, 1957	130.20	May 10, 1958	130.55	Jan. 5, 1959	130.97
Nov. 5, 1957	130.40	May 15, 1958	130.63	Jan. 10, 1959	130.97
Nov. 10, 1957	130.51	May 20, 1958	130.58	Jan. 15, 1959	130.75

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well HZ-77-33-301—Continued		Well HZ-77-33-301—Continued		Well HZ-77-33-301—Continued	
Jan. 20, 1959	130.57	July 31, 1959	131.21	Feb. 10, 1960	131.44
Jan. 25, 1959	130.77	Aug. 5, 1959	131.16	Feb. 15, 1960	131.80
Jan. 31, 1959	130.99	Aug. 10, 1959	131.25	Feb. 20, 1960	131.65
Feb. 5, 1959	130.71	Aug. 15, 1959	131.21	Feb. 25, 1960	131.84
Feb. 10, 1959	130.81	Aug. 20, 1959	131.24	Feb. 29, 1960	132.08
Feb. 15, 1959	131.02	Aug. 25, 1959	131.25	Mar. 5, 1960	131.98
Feb. 20, 1959	131.08	Aug. 31, 1959	131.20	Mar. 10, 1960	131.62
Feb. 25, 1959	130.80	Sept. 5, 1959	131.27	Mar. 15, 1960	131.60
Feb. 28, 1959	130.85	Sept. 10, 1959	131.50	Mar. 20, 1960	131.92
Mar. 5, 1959	130.88	Sept. 15, 1959	131.16	Mar. 25, 1960	131.85
Mar. 10, 1959	130.69	Sept. 20, 1959	131.39	Mar. 31, 1960	131.60
Mar. 15, 1959	130.99	Sept. 25, 1959	131.30	Apr. 5, 1960	131.95
Mar. 20, 1959	130.72	Sept. 30, 1959	131.39	Apr. 10, 1960	132.17
Mar. 25, 1959	130.85	Oct. 5, 1959	131.62	Apr. 15, 1960	132.02
Mar. 31, 1959	130.90	Oct. 10, 1959	131.51	Apr. 20, 1960	131.97
Apr. 5, 1959	131.10	Oct. 15, 1959	131.54	Apr. 25, 1960	131.93
Apr. 10, 1959	131.34	Oct. 20, 1959	131.41	Apr. 30, 1960	132.02
Apr. 15, 1959	131.08	Oct. 25, 1959	131.32	May 5, 1960	131.78
Apr. 20, 1959	131.03	Oct. 31, 1959	131.71	May 10, 1960	132.08
Apr. 25, 1959	131.11	Nov. 5, 1959	131.55	May 15, 1960	131.94
Apr. 30, 1959	131.18	Nov. 10, 1959	131.43	May 20, 1960	132.15
May 5, 1959	131.10	Nov. 15, 1959	131.60	May 25, 1960	132.06
May 10, 1959	130.91	Nov. 20, 1959	131.44	May 31, 1960	132.02
May 15, 1959	131.18	Nov. 25, 1959	131.46	June 5, 1960	132.07
May 20, 1959	131.08	Nov. 30, 1959	131.67	June 10, 1960	132.28
May 25, 1959	131.03	Dec. 5, 1959	131.74	June 15, 1960	132.20
May 31, 1959	131.08	Dec. 10, 1959	131.62	June 20, 1960	132.28
June 5, 1959	131.05	Dec. 15, 1959	131.69	June 25, 1960	132.30
June 10, 1959	131.05	Dec. 20, 1959	131.87	June 30, 1960	132.30
June 15, 1959	131.07	Dec. 25, 1959	131.63	July 5, 1960	132.33
June 20, 1959	131.06	Dec. 31, 1959	131.64	July 10, 1960	132.32
June 25, 1959	131.09	Jan. 5, 1960	131.69	July 15, 1960	132.47
June 30, 1959	131.09	Jan. 10, 1960	131.70	July 20, 1960	132.42
July 5, 1959	131.10	Jan. 15, 1960	131.74	July 25, 1960	132.32
July 10, 1959	131.28	Jan. 20, 1960	131.90	July 31, 1960	132.34
July 15, 1959	131.26	Jan. 25, 1960	131.65	Aug. 5, 1960	132.36
July 20, 1959	131.28	Jan. 31, 1960	131.50	Aug. 10, 1960	132.38
July 25, 1959	131.17	Feb. 5, 1960	131.91	Aug. 15, 1960	132.32



Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HZ-77-33-301—Continued</b>		<b>Well HZ-77-33-301—Continued</b>		<b>Well HZ-77-33-301—Continued</b>	
Aug. 20, 1960	132.23	Feb. 28, 1961	132.47	Sept. 10, 1961	133.08
Aug. 25, 1960	132.35	Mar. 5, 1961	132.34	Sept. 15, 1961	133.62
Aug. 31, 1960	132.39	Mar. 10, 1961	132.35	Sept. 20, 1961	133.25
Sept. 5, 1960	132.30	Mar. 15, 1961	132.38	Sept. 25, 1961	133.72
Sept. 10, 1960	132.43	Mar. 20, 1961	132.68	Sept. 30, 1961	133.58
Sept. 15, 1960	132.37	Mar. 25, 1961	132.57	Oct. 5, 1961	133.66
Sept. 20, 1960	132.48	Mar. 31, 1961	132.80	Oct. 10, 1961	133.69
Sept. 25, 1960	132.62	Apr. 5, 1961	132.67	Oct. 15, 1961	133.88
Sept. 30, 1960	132.47	Apr. 10, 1961	132.76	Oct. 20, 1961	133.78
Oct. 5, 1960	132.40	Apr. 15, 1961	132.81	Oct. 25, 1961	133.82
Oct. 10, 1960	132.70	Apr. 20, 1961	132.88	Oct. 31, 1961	133.74
Oct. 15, 1960	132.58	Apr. 25, 1961	132.70	Nov. 5, 1961	133.86
Oct. 20, 1960	132.76	Apr. 30, 1961	132.80	Nov. 10, 1961	133.62
Oct. 25, 1960	132.50	May 5, 1961	132.83	Nov. 15, 1961	133.82
Oct. 31, 1960	132.52	May 10, 1961	132.99	Nov. 20, 1961	133.93
Nov. 5, 1960	132.68	May 15, 1961	133.00	Nov. 25, 1961	134.08
Nov. 10, 1960	132.66	May 20, 1961	133.05	Nov. 30, 1961	133.90
Nov. 15, 1960	132.42	May 25, 1961	133.05	Dec. 5, 1961	133.86
Nov. 20, 1960	132.49	May 31, 1961	133.14	Dec. 10, 1961	133.88
Nov. 25, 1960	132.45	June 5, 1961	133.16	Dec. 15, 1961	133.93
Nov. 30, 1960	132.64	June 10, 1961	133.23	Dec. 20, 1961	134.05
Dec. 5, 1960	132.30	June 15, 1961	133.34	Dec. 25, 1961	133.83
Dec. 10, 1960	132.41	June 20, 1961	133.17	Dec. 31, 1961	133.97
Dec. 15, 1960	132.29	June 25, 1961	133.16	Jan. 5, 1962	133.90
Dec. 20, 1960	132.32	June 30, 1961	133.22	Jan. 10, 1962	134.45
Dec. 25, 1960	132.35	July 5, 1961	133.23	Jan. 15, 1962	134.12
Dec. 31, 1960	132.29	July 10, 1961	133.22	Jan. 20, 1962	134.08
Jan. 5, 1961	132.34	July 15, 1961	133.18	Jan. 25, 1962	133.82
Jan. 10, 1961	132.31	July 20, 1961	133.12	Jan. 31, 1962	133.94
Jan. 15, 1961	132.48	July 25, 1961	133.29	Feb. 5, 1962	133.95
Jan. 20, 1961	132.48	July 31, 1961	133.25	Feb. 10, 1962	134.32
Jan. 25, 1961	132.48	Aug. 5, 1961	133.20	Feb. 15, 1962	134.23
Jan. 31, 1961	132.29	Aug. 10, 1961	133.30	Feb. 20, 1962	134.13
Feb. 5, 1961	132.37	Aug. 15, 1961	133.28	Feb. 25, 1962	134.22
Feb. 10, 1961	132.43	Aug. 20, 1961	133.35	Feb. 28, 1962	134.60
Feb. 15, 1961	132.43	Aug. 25, 1961	133.22	Mar. 5, 1962	134.72
Feb. 20, 1961	132.49	Aug. 30, 1961	133.19	Mar. 10, 1962	134.35
Feb. 25, 1961	132.42	Sept. 5, 1961	133.35	Mar. 15, 1962	134.78

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well HZ-77-33-301—Continued		Well HZ-77-33-301—Continued		Well HZ-77-33-301—Continued	
Mar. 20, 1962	134.22	Sept. 30, 1962	135.47	Apr. 10, 1963	136.55
Mar. 25, 1962	134.82	Oct. 5, 1962	135.52	Apr. 15, 1963	136.54
Mar. 31, 1962	134.83	Oct. 10, 1962	135.73	Apr. 20, 1963	136.80
Apr. 5, 1962	134.52	Oct. 16, 1962	135.68	Apr. 25, 1963	136.84
Apr. 10, 1962	134.55	Oct. 20, 1962	135.80	Apr. 30, 1963	137.04
Apr. 15, 1962	134.70	Oct. 25, 1962	136.02	May 5, 1963	136.85
Apr. 20, 1962	134.62	Oct. 31, 1962	135.78	May 10, 1963	136.76
Apr. 25, 1962	134.61	Nov. 5, 1962	135.82	May 15, 1963	136.81
Apr. 30, 1962	134.69	Nov. 10, 1962	135.84	May 20, 1963	136.93
May 5, 1962	134.82	Nov. 15, 1962	135.74	May 25, 1963	136.81
May 10, 1962	134.90	Nov. 20, 1962	135.82	May 31, 1963	136.83
May 15, 1962	134.96	Nov. 25, 1962	136.08	June 5, 1963	136.85
May 20, 1962	134.85	Nov. 30, 1962	136.08	June 10, 1963	136.86
May 25, 1962	135.07	Dec. 5, 1962	136.23	June 15, 1963	136.91
May 31, 1962	135.12	Dec. 10, 1962	136.06	June 20, 1963	136.92
June 5, 1962	135.11	Dec. 15, 1962	135.86	June 25, 1963	137.14
June 10, 1962	135.19	Dec. 20, 1962	135.90	June 30, 1963	137.10
June 15, 1962	135.02	Dec. 25, 1962	135.92	July 5, 1963	136.95
June 20, 1962	135.14	Dec. 31, 1962	135.87	July 10, 1963	137.05
June 25, 1962	135.17	Jan. 5, 1963	136.00	July 15, 1963	137.07
June 30, 1962	135.07	Jan. 10, 1963	135.75	July 20, 1963	137.17
July 5, 1962	135.20	Jan. 15, 1963	136.18	July 25, 1963	137.18
July 10, 1962	135.19	Jan. 20, 1963	136.14	July 31, 1963	137.28
July 15, 1962	135.21	Jan. 25, 1963	135.82	Aug. 5, 1963	137.28
July 20, 1962	135.29	Jan. 31, 1963	136.17	Aug. 10, 1963	137.28
July 25, 1962	135.32	Feb. 5, 1963	136.32	Aug. 15, 1963	137.41
July 31, 1962	135.26	Feb. 10, 1963	136.10	Aug. 20, 1963	137.32
Aug. 5, 1962	135.28	Feb. 15, 1963	136.44	Aug. 25, 1963	137.41
Aug. 10, 1962	135.33	Feb. 20, 1963	136.35	Aug. 31, 1963	137.45
Aug. 15, 1962	135.40	Feb. 25, 1963	136.36	Sept. 5, 1963	137.47
Aug. 20, 1962	135.44	Feb. 28, 1963	136.20	Sept. 10, 1963	137.55
Aug. 25, 1962	135.49	Mar. 5, 1963	136.45	Sept. 15, 1963	137.50
Aug. 31, 1962	135.38	Mar. 10, 1963	136.44	Sept. 20, 1963	137.54
Sept. 5, 1962	135.53	Mar. 15, 1963	136.43	Sept. 25, 1963	137.61
Sept. 10, 1962	135.70	Mar. 20, 1963	136.75	Sept. 30, 1963	137.77
Sept. 15, 1962	135.53	Mar. 25, 1963	136.50	Oct. 5, 1963	137.74
Sept. 20, 1962	135.57	Mar. 31, 1963	136.66	Oct. 10, 1963	137.78
Sept. 25, 1962	135.50	Apr. 5, 1963	136.57	Oct. 15, 1963	137.77

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well HZ-77-33-301—Continued		Well HZ-77-33-301—Continued		Well HZ-77-33-301—Continued	
Oct. 20, 1963	137.72	Aug. 5, 1964	139.13	Feb. 15, 1965	142.34
Oct. 25, 1963	137.75	Aug. 10, 1964	139.10	Feb. 20, 1965	141.96
Oct. 31, 1963	137.65	Aug. 15, 1964	139.13	Feb. 25, 1965	142.65
Nov. 5, 1963	137.65	Aug. 20, 1964	139.18	Feb. 28, 1965	144.58
Nov. 10, 1963	138.04	Aug. 25, 1964	139.28	Mar. 5, 1965	144.03
Nov. 15, 1963	137.79	Aug. 31, 1964	139.38	Mar. 10, 1965	143.34
Nov. 20, 1963	137.87	Sept. 5, 1964	139.28	Mar. 15, 1965	142.93
Nov. 25, 1963	137.86	Sept. 10, 1964	139.37	Mar. 20, 1965	143.70
Nov. 30, 1963	137.98	Sept. 15, 1964	139.35	Mar. 25, 1965	143.34
Dec. 5, 1963	137.93	Sept. 20, 1964	139.40	Mar. 31, 1965	142.94
Dec. 10, 1963	137.67	Sept. 25, 1964	139.47	Apr. 5, 1965	142.44
Dec. 15, 1963	138.27	Sept. 30, 1964	139.43	Apr. 10, 1965	142.77
Dec. 20, 1963	137.80	Oct. 5, 1964	142.42	Apr. 15, 1965	143.27
Dec. 25, 1963	137.90	Oct. 10, 1964	142.22	Apr. 20, 1965	143.22
Dec. 31, 1963	138.35	Oct. 15, 1964	143.23	Apr. 25, 1965	142.42
Jan. 5, 1964	138.21	Oct. 20, 1964	140.99	Apr. 30, 1965	142.53
Jan. 10, 1964	138.02	Oct. 25, 1964	140.37	May 5, 1965	142.19
Jan. 15, 1964	138.18	Oct. 31, 1964	146.80	May 10, 1965	142.32
Jan. 20, 1964	138.22	Nov. 5, 1964	141.19	May 15, 1965	142.12
Jan. 25, 1964	138.33	Nov. 10, 1964	141.13	May 20, 1965	142.15
Jan. 31, 1964	138.17	Nov. 15, 1964	143.20	May 25, 1965	141.94
Feb. 5, 1964	137.88	Nov. 20, 1964	143.92	May 31, 1965	141.98
Feb. 10, 1964	138.16	Nov. 25, 1964	143.68	June 5, 1965	141.97
Feb. 20, 1964	138.21	Nov. 30, 1964	144.00	June 10, 1965	141.96
Feb. 25, 1964	138.20	Dec. 5, 1964	146.33	June 15, 1965	141.88
Feb. 29, 1964	138.23	Dec. 10, 1964	147.31	June 20, 1965	141.98
Mar. 5, 1964	138.37	Dec. 15, 1964	148.02	June 25, 1965	141.81
Mar. 10, 1964	138.48	Dec. 20, 1964	150.31	June 30, 1965	142.01
Mar. 15, 1964	138.62	Dec. 25, 1964	151.45	July 5, 1965	141.94
Mar. 20, 1964	138.41	Dec. 31, 1964	147.75	July 10, 1965	141.92
Mar. 25, 1964	138.35	Jan. 5, 1965	147.59	July 15, 1965	141.94
Mar. 31, 1964	138.65	Jan. 10, 1965	147.09	July 20, 1965	141.89
Apr. 5, 1964	138.51	Jan. 15, 1965	146.31	July 25, 1965	141.92
Apr. 10, 1964	138.90	Jan. 20, 1965	147.38	July 31, 1965	141.94
Apr. 13, 1964	138.56	Jan. 25, 1965	147.68	Aug. 5, 1965	141.99
May 21, 1964	138.87	Jan. 31, 1965	144.04	Aug. 10, 1965	141.97
July 29, 1964	139.15	Feb. 5, 1965	142.96	Aug. 15, 1965	141.97
July 31, 1964	139.20	Feb. 10, 1965	142.48	Aug. 20, 1965	141.92

Table 3.--Water Levels in Selected Wells in Dimmit County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well HZ-77-33-301--Continued		Well HZ-77-33-301--Continued		Well HZ-77-33-301--Continued	
Aug. 25, 1965	141.96	May 20, 1966	144.51	Jan. 25, 1967	151.17
Aug. 31, 1965	141.92	May 24, 1966	144.41	Jan. 31, 1967	150.69
Sept. 5, 1965	143.37	July 26, 1966	146.58	Feb. 5, 1967	150.05
Sept. 10, 1965	143.10	July 31, 1966	146.00	Feb. 10, 1967	148.93
Sept. 15, 1965	144.31	Aug. 5, 1966	145.66	Feb. 15, 1967	149.08
Sept. 20, 1965	142.96	Aug. 10, 1966	145.40	Feb. 20, 1967	148.81
Sept. 25, 1965	144.86	Aug. 15, 1966	145.43	Feb. 25, 1967	150.12
Sept. 30, 1965	145.07	Aug. 20, 1966	145.20	Feb. 28, 1967	151.33
Oct. 5, 1965	145.39	Aug. 25, 1966	145.87	Mar. 5, 1967	149.61
Oct. 10, 1965	145.38	Aug. 31, 1966	147.90	Mar. 10, 1967	151.00
Oct. 15, 1965	144.28	Sept. 5, 1966	148.88	Mar. 15, 1967	152.38
Nov. 20, 1965	148.64	Sept. 10, 1966	146.22	Mar. 20, 1967	150.83
Nov. 25, 1965	148.02	Sept. 15, 1966	145.80	Mar. 25, 1967	149.79
Nov. 30, 1965	149.30	Sept. 20, 1966	147.90	Mar. 31, 1967	149.32
Dec. 5, 1965	145.15	Sept. 25, 1966	150.34	Apr. 5, 1967	150.03
Dec. 10, 1965	144.56	Sept. 30, 1966	147.22	Apr. 10, 1967	149.73
Dec. 15, 1965	145.23	Oct. 5, 1966	149.63	Apr. 15, 1967	149.32
Dec. 20, 1965	144.74	Oct. 10, 1966	147.34	Apr. 20, 1967	148.83
Dec. 25, 1965	144.68	Oct. 15, 1966	149.12	Apr. 25, 1967	148.68
Dec. 31, 1965	145.36	Oct. 20, 1966	147.82	Apr. 30, 1967	148.53
Jan. 5, 1966	144.39	Oct. 25, 1966	152.15	May 5, 1967	148.71
Jan. 10, 1966	144.24	Oct. 31, 1966	152.30	May 10, 1967	148.42
Jan. 15, 1966	143.98	Nov. 5, 1966	152.84	May 15, 1967	148.41
Jan. 20, 1966	144.07	Nov. 10, 1966	153.06	May 20, 1967	148.10
Jan. 25, 1966	143.97	Nov. 15, 1966	152.58	May 25, 1967	148.16
Mar. 15, 1966	143.79	Nov. 20, 1966	153.47	May 31, 1967	147.76
Mar. 20, 1966	145.60	Nov. 25, 1966	153.78	June 5, 1967	148.02
Mar. 25, 1966	146.73	Nov. 30, 1966	150.39	June 10, 1967	147.66
Mar. 31, 1966	149.51	Dec. 5, 1966	149.47	June 15, 1966	147.84
Apr. 5, 1966	149.58	Dec. 10, 1966	153.47	June 20, 1966	147.84
Apr. 10, 1966	146.81	Dec. 15, 1966	150.40	June 25, 1966	147.76
Apr. 15, 1966	150.62	Dec. 20, 1966	150.76	June 30, 1966	147.64
Apr. 20, 1966	145.85	Dec. 25, 1966	149.61	July 5, 1967	147.64
Apr. 25, 1966	145.43	Dec. 31, 1966	149.42	July 10, 1967	147.64
Apr. 30, 1966	145.15	Jan. 5, 1967	149.60	July 15, 1967	147.67
May 5, 1966	144.98	Jan. 10, 1967	149.46	July 20, 1967	147.57
May 10, 1966	144.67	Jan. 15, 1967	149.18	July 25, 1967	147.53
May 15, 1966	144.61	Jan. 20, 1967	149.75	July 31, 1967	147.51

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well HZ-77-33-301—Continued		Well HZ-77-33-301—Continued		Well HZ-77-33-301—Continued	
Aug. 5, 1967	147.60	Feb. 15, 1968	148.98	Aug. 25, 1968	148.97
Aug. 10, 1967	147.54	Feb. 20, 1968	148.48	Aug. 31, 1968	152.74
Aug. 15, 1967	147.46	Feb. 25, 1968	148.85	Sept. 5, 1968	149.63
Aug. 20, 1967	147.46	Feb. 29, 1968	149.08	Sept. 10, 1968	150.19
Aug. 25, 1967	147.56	Mar. 5, 1968	148.53	Sept. 15, 1968	150.42
Aug. 31, 1967	147.51	Mar. 10, 1968	148.13	Sept. 20, 1968	153.22
Sept. 5, 1967	147.30	Mar. 15, 1968	148.58	Sept. 25, 1968	151.25
Sept. 10, 1967	147.46	Mar. 20, 1968	148.34	Sept. 30, 1968	153.80
Sept. 15, 1967	147.86	Mar. 25, 1968	148.42	Oct. 5, 1968	150.93
Sept. 20, 1967	148.79	Mar. 31, 1968	150.22	Oct. 10, 1968	153.15
Sept. 25, 1967	148.10	Apr. 5, 1968	152.39	Oct. 15, 1968	152.41
Sept. 30, 1967	148.53	Apr. 10, 1968	150.84	Oct. 20, 1968	152.25
Oct. 5, 1967	144.98	Apr. 15, 1968	149.64	Oct. 25, 1968	154.93
Oct. 10, 1967	144.24	Apr. 20, 1968	149.54	Oct. 31, 1968	155.07
Oct. 15, 1967	143.73	Apr. 25, 1968	149.21	Nov. 5, 1968	152.91
Oct. 20, 1967	147.27	Apr. 30, 1968	149.33	Nov. 10, 1968	152.47
Oct. 25, 1967	144.43	May 5, 1968	149.08	Nov. 15, 1968	154.63
Oct. 31, 1967	144.76	May 10, 1968	148.86	Nov. 20, 1968	154.96
Nov. 5, 1967	143.11	May 15, 1968	149.07	Nov. 25, 1968	153.15
Nov. 10, 1967	146.76	May 20, 1968	149.15	Nov. 30, 1968	152.48
Nov. 15, 1967	149.71	May 25, 1968	148.81	Dec. 5, 1968	151.86
Nov. 20, 1967	149.80	May 31, 1968	148.83	Dec. 10, 1968	152.82
Nov. 25, 1967	151.87	June 5, 1968	148.92	Dec. 15, 1968	152.52
Nov. 30, 1967	153.42	June 10, 1968	148.86	Dec. 20, 1968	155.21
Dec. 5, 1967	151.17	June 15, 1968	149.65	Dec. 25, 1968	152.41
Dec. 10, 1967	150.49	June 20, 1968	149.88	Dec. 31, 1968	152.94
Dec. 15, 1967	150.91	June 25, 1968	149.37	Jan. 5, 1969	152.06
Dec. 20, 1967	149.81	June 30, 1968	149.14	Jan. 10, 1969	152.86
Dec. 25, 1967	149.50	July 5, 1968	149.12	Jan. 15, 1969	152.31
Dec. 31, 1967	149.90	July 10, 1968	148.92	Jan. 20, 1969	152.38
Jan. 5, 1968	150.37	July 15, 1968	149.10	Jan. 25, 1969	152.45
Jan. 10, 1968	149.70	July 20, 1968	148.99	Jan. 31, 1969	151.81
Jan. 15, 1968	149.41	July 25, 1968	148.97	Feb. 5, 1969	151.38
Jan. 20, 1968	150.04	July 31, 1968	148.86	Feb. 10, 1969	151.36
Jan. 25, 1968	149.25	Aug. 5, 1968	148.93	Feb. 15, 1969	150.53
Jan. 31, 1968	149.19	Aug. 10, 1968	148.84	Feb. 20, 1969	150.84
Feb. 5, 1968	149.27	Aug. 15, 1968	148.87	Feb. 25, 1969	151.02
Feb. 10, 1968	148.77	Aug. 20, 1968	148.95	Feb. 28, 1969	151.09

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well HZ-77-33-301—Continued		Well HZ-77-33-301—Continued		Well HZ-77-33-301—Continued	
Mar. 5, 1969	150.60	Sept. 15, 1969	152.72	Mar. 25, 1970	154.87
Mar. 10, 1969	151.13	Sept. 20, 1969	153.78	Mar. 31, 1970	155.24
Mar. 15, 1969	151.33	Sept. 25, 1969	152.81	Apr. 5, 1970	154.90
Mar. 20, 1969	151.87	Sept. 30, 1969	153.57	Apr. 10, 1970	156.25
Mar. 25, 1969	153.79	Oct. 5, 1969	153.06	Apr. 15, 1970	156.23
Mar. 31, 1969	154.60	Oct. 10, 1969	154.21	Apr. 20, 1970	156.23
Apr. 5, 1969	152.56	Oct. 15, 1969	155.02	Apr. 25, 1970	154.39
Apr. 10, 1969	154.83	Oct. 20, 1969	155.34	Apr. 30, 1970	153.74
Apr. 15, 1969	152.24	Oct. 25, 1969	155.82	May 5, 1970	153.68
Apr. 20, 1969	151.88	Oct. 31, 1969	152.91	May 10, 1970	152.84
Apr. 25, 1969	151.53	Nov. 5, 1969	152.89	May 15, 1970	152.70
Apr. 30, 1969	151.49	Nov. 10, 1969	152.48	May 20, 1970	152.93
May 5, 1969	151.20	Nov. 15, 1969	155.13	May 25, 1970	152.80
May 10, 1969	151.39	Nov. 20, 1969	156.36	May 31, 1970	152.56
May 15, 1969	151.08	Nov. 25, 1969	153.55	June 5, 1970	152.63
May 20, 1969	151.19	Nov. 30, 1969	152.85	June 10, 1970	152.17
May 25, 1969	150.96	Dec. 5, 1969	152.12	June 15, 1970	152.37
May 31, 1969	150.71	Dec. 10, 1969	152.33	June 20, 1970	152.30
June 5, 1969	151.04	Dec. 15, 1969	152.29	June 25, 1970	152.22
June 10, 1969	150.67	Dec. 20, 1969	152.79	June 30, 1970	152.28
June 15, 1969	150.90	Dec. 25, 1969	152.86	July 5, 1970	152.17
June 20, 1969	150.68	Dec. 31, 1969	152.59	July 10, 1970	152.13
June 25, 1969	150.60	Jan. 5, 1970	152.13	July 15, 1970	152.25
June 30, 1969	150.87	Jan. 10, 1970	151.72	July 20, 1970	152.05
July 5, 1969	150.63	Jan. 15, 1970	151.76	July 25, 1970	152.13
July 10, 1969	150.72	Jan. 20, 1970	151.95	July 31, 1970	152.02
July 15, 1969	150.65	Jan. 25, 1970	151.73	Aug. 5, 1970	152.18
July 20, 1969	150.67	Jan. 31, 1970	151.93	Aug. 10, 1970	151.97
July 25, 1969	150.57	Feb. 5, 1970	151.81	Aug. 15, 1970	152.12
July 31, 1969	150.63	Feb. 10, 1970	152.21	Aug. 20, 1970	151.94
Aug. 5, 1969	150.60	Feb. 15, 1970	153.97	Aug. 25, 1970	152.10
Aug. 10, 1969	150.60	Feb. 20, 1970	155.77	Aug. 31, 1970	152.08
Aug. 15, 1969	150.54	Feb. 25, 1970	152.65	Sept. 5, 1970	151.92
Aug. 20, 1969	150.64	Feb. 28, 1970	153.50	Sept. 10, 1970	152.06
Aug. 25, 1969	150.54	Mar. 5, 1970	153.60	Sept. 15, 1970	153.57
Aug. 31, 1969	150.70	Mar. 10, 1970	153.97	Sept. 20, 1970	154.77
Sept. 5, 1969	150.51	Mar. 15, 1970	152.83	Sept. 25, 1970	153.09
Sept. 10, 1969	150.87	Mar. 20, 1970	154.95	Sept. 30, 1970	152.62

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HZ-77-33-301—Continued</b>		<b>Well HZ-77-33-301—Continued</b>		<b>Well HZ-77-33-301—Continued</b>	
Oct. 5, 1970	154.35	June 10, 1971	155.59	Dec. 20, 1971	158.19
Oct. 10, 1970	154.74	June 15, 1971	155.51	Dec. 25, 1971	157.21
Oct. 15, 1970	154.52	June 20, 1971	155.53	Dec. 31, 1971	156.32
Oct. 20, 1970	153.99	June 25, 1971	155.38	Jan. 5, 1972	156.65
Oct. 25, 1970	153.72	June 30, 1971	155.32	Jan. 10, 1972	156.19
Oct. 31, 1970	154.42	July 5, 1971	155.07	Jan. 15, 1972	155.65
Nov. 5, 1970	156.83	July 10, 1971	155.12	Jan. 20, 1972	155.82
Nov. 10, 1970	156.86	July 15, 1971	155.00	Jan. 25, 1972	159.36
Nov. 15, 1970	157.57	July 20, 1971	154.86	Jan. 31, 1972	156.81
Nov. 20, 1970	157.44	July 25, 1971	154.89	Feb. 5, 1972	156.20
Nov. 25, 1970	158.14	July 31, 1971	154.98	Feb. 10, 1972	156.10
Nov. 30, 1970	158.69	Aug. 5, 1971	154.95	Feb. 15, 1972	155.70
Dec. 5, 1970	157.84	Aug. 10, 1971	154.75	Feb. 20, 1972	157.24
Dec. 10, 1970	155.44	Aug. 15, 1971	154.77	Feb. 25, 1972	157.38
Dec. 15, 1970	155.22	Aug. 20, 1971	154.82	Feb. 29, 1972	157.58
Dec. 20, 1970	157.36	Aug. 25, 1971	154.76	Mar. 5, 1972	159.86
Dec. 25, 1970	155.83	Aug. 31, 1971	154.63	Mar. 10, 1972	160.22
Dec. 31, 1970	155.67	Sept. 5, 1971	154.62	Mar. 15, 1972	157.50
Jan. 5, 1971	155.93	Sept. 10, 1971	154.59	Mar. 20, 1972	157.56
Jan. 10, 1971	160.41	Sept. 15, 1971	154.57		
Jan. 15, 1971	156.54	Sept. 20, 1971	154.78	<b>Well HZ-77-33-322</b>	
Jan. 20, 1971	156.07	Sept. 25, 1971	155.07	Owner: Texas Water Development Board	
Jan. 25, 1971	155.61	Sept. 30, 1971	154.92	July 22, 1971	83.48
Mar. 25, 1971	158.81	Oct. 5, 1971	155.07	Aug. 20, 1971	83.65
Mar. 31, 1971	157.23	Oct. 10, 1971	154.83	Sept. 21, 1971	83.75
Apr. 5, 1971	157.66	Oct. 15, 1971	154.51	Oct. 19, 1971	83.84
Apr. 10, 1971	156.89	Oct. 20, 1971	154.70	Nov. 22, 1971	83.66
Apr. 15, 1971	156.68	Oct. 25, 1971	154.47	Dec. 21, 1971	84.11
Apr. 20, 1971	156.75	Oct. 30, 1971	155.22	Jan. 21, 1972	83.91
Apr. 25, 1971	156.23	Nov. 5, 1971	155.42	Feb. 25, 1972	83.86
Apr. 30, 1971	158.89	Nov. 10, 1971	156.97	Mar. 22, 1972	84.24
May 5, 1971	156.98	Nov. 15, 1971	155.88		
May 10, 1971	156.41	Nov. 20, 1971	157.86	<b>Well HZ-77-33-611</b>	
May 15, 1971	156.34	Nov. 25, 1971	156.60	Owner: Rodriguez Brothers	
May 20, 1971	156.76	Nov. 30, 1971	156.15	1944	90
May 25, 1971	156.27	Dec. 5, 1971	156.09	Feb. 1969	102
May 31, 1971	156.07	Dec. 10, 1971	155.77	Mar. 11, 1970	103.83
June 5, 1971	155.90	Dec. 15, 1971	156.09	Mar. 19, 1971	107.22
				Mar. 9, 1972	105.98

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HZ-77-33-701</b>		<b>Well HZ-77-34-402</b>		<b>Well HZ-77-35-103</b>	
Owner: Leroy Jones		Owner: T. J. Powers		Owner: Jack C. Votaw	
Dec. 13, 1956	207.26	May 1966	181	Mar. 8, 1967	276.00
Mar. 25, 1957	207.52	Feb. 5, 1969	161.90	Feb. 12, 1968	276.94
May 7, 1957	200.78	Mar. 11, 1970	163.22	Feb. 6, 1969	278.08
June 7, 1957	199.98	Mar. 17, 1972	178.43	Mar. 12, 1970	220.44
July 10, 1957	203.72			Mar. 18, 1971	278.87
July 9, 1958	200.88	<b>Well HZ-77-34-408</b>		Mar. 13, 1972	240.73
Sept. 28, 1960	220.78	Owner: A. C. Carte			
Feb. 7, 1961	208.20	Mar. 12, 1969	149.70	<b>Well HZ-77-35-601</b>	
Dec. 19, 1962	235.00	Mar. 12, 1970	178.30	Owner: C. Ward	
Jan. 21, 1964	216.87	Mar. 18, 1971	171.34	Feb. 11, 1970	208.46
Feb. 10, 1965	216.10	Mar. 14, 1972	168.67	Mar. 12, 1970	202.10
Mar. 15, 1966	228.51	<b>Well HZ-77-34-501</b>		Mar. 17, 1971	203.60
Mar. 8, 1967	228.35	Owner: Ollie Granberry		Mar. 13, 1972	197.45
Feb. 13, 1968	227.63	May 5, 1957	227.28	<b>Well HZ-77-35-802</b>	
Feb. 7, 1969	216.71	June 21, 1957	209.86	Owner: Cecil Ward	
Jan. 15, 1970	220.09	July 10, 1958	174.31	Feb. 10, 1965	298.90
Mar. 11, 1970	227.44	Sept. 27, 1960	151.40	Mar. 15, 1966	301.80
Mar. 16, 1971	227.48	Feb. 8, 1961	142.76	Feb. 12, 1968	287.70
Mar. 9, 1972	219.07	Feb. 14, 1962	142.64	Feb. 5, 1969	290.64
		Dec. 19, 1962	193.70	Mar. 12, 1970	296.38
<b>Well HZ-77-34-204</b>		Jan. 21, 1964	218.90	Mar. 17, 1971	304.84
Owner: Charles Wilson		Feb. 10, 1965	224.64	Mar. 13, 1972	307.08
Aug. 16, 1950	205.82	Mar. 15, 1966	230.24		
Sept. 11, 1951	246.30	Mar. 8, 1967	245.23	<b>Well HZ-77-36-802</b>	
Aug. 19, 1952	260.45	Feb. 12, 1968	244.23	Owner: H. H. Coffield	
Sept. 9, 1953	278.25	Feb. 6, 1969	239.88	Feb. 12, 1970	276.95
Oct. 5, 1954	257.65	Mar. 12, 1970	202.60	Mar. 12, 1970	272.70
Sept. 20, 1955	268.10	Mar. 17, 1971	220.29	Mar. 17, 1971	289.92
Sept. 19, 1956	274.83	Mar. 14, 1972	231.19	Mar. 13, 1972	283.55
Mar. 26, 1957	281.61				
May 3, 1957	267.61	<b>Well HZ-77-34-702</b>		<b>Well HZ-77-37-101</b>	
June 7, 1957	262.90	Owner: Carl Schmidt		Owner: G. I. McCarty	
July 11, 1957	260.80	Mar. 12, 1969	170.20	Apr. 23, 1957	187.47
July 10, 1958	228.1	Mar. 12, 1970	169.30	June 7, 1957	175.08
Feb. 6, 1969	138.10	Mar. 17, 1971	176.92	June 19, 1957	173.47
Mar. 11, 1970	181.64	Mar. 14, 1972	175.52	July 9, 1957	175.81
Mar. 18, 1971	232.82			July 11, 1958	142.15
Mar. 14, 1972	221.21			Sept. 28, 1960	133.10



Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HZ-77-37-101—Continued</b>		<b>Well HZ-77-41-401—Continued</b>		<b>Well HZ-77-42-301—Continued</b>	
Feb. 9, 1961	114.14	Mar. 15, 1966	205.99	Jan. 23, 1936	172.35
Feb. 13, 1962	142.60	Mar. 8, 1967	204.08	July 12, 1937	171.63
Jan. 22, 1964	192.89	Feb. 28, 1968	204.16	Aug. 14, 1937	171.78
Feb. 12, 1965	208.00	Feb. 7, 1969	198.50	Jan. 13, 1938	176.60
Mar. 15, 1966	204.14	Jan. 22, 1970	200.61	Aug. 24, 1938	176.96
Mar. 8, 1967	222.44	Mar. 11, 1970	214.89	Aug. 15, 1939	176.01
Feb. 12, 1968	223.00	Mar. 16, 1971	200.40	Aug. 4, 1940	171.28
Feb. 5, 1969	221.30	Mar. 9, 1972	206.12	Aug. 4, 1941	168.84
Jan. 21, 1970	222.81			Dec. 18, 1943	195.55
Mar. 13, 1970	213.77	<b>Well HZ-77-42-301</b>		Aug. 12, 1944	191.54
Mar. 19, 1971	232.25	Owner: Dolph Briscoe		July 24, 1945	187.26
Mar. 9, 1972	229.30	(Recorder well; recorder installed July 29, 1964)		July 10, 1946	193.04
<b>Well HZ-77-37-501</b>		Dec. 10, 1929	190.70	Aug. 19, 1952	239.99
Owner: H. G. Ritchie		Jan. 15, 1930	192.00	Sept. 9, 1953	252.87
May 21, 1957	172.80	Feb. 18, 1930	191.70	Oct. 13, 1954	244.44
July 11, 1958	149.96	Mar. 19, 1930	192.30	Sept. 20, 1955	245.61
Sept. 27, 1960	130.21	Apr. 17, 1930	191.60	Sept. 19, 1956	269.77
Feb. 13, 1962	136.28	May 16, 1930	191.10	Mar. 14, 1957	276.46
Dec. 18, 1962	167.01	June 19, 1930	189.60	June 11, 1957	279.83
Feb. 12, 1965	229.22	July 14, 1930	189.50	July 10, 1958	276.90
Mar. 15, 1966	206.65	Aug. 22, 1930	189.80	Sept. 28, 1960	261.10
Mar. 8, 1967	227.70	Sept. 23, 1930	192.30	Feb. 9, 1961	260.64
Feb. 12, 1968	225.06	Oct. 31, 1930	192.05	Feb. 14, 1962	262.00
Feb. 5, 1969	223.76	Dec. 10, 1930	188.70	Dec. 18, 1962	274.10
Jan. 21, 1970	241.12	Jan. 15, 1931	189.90	Jan. 22, 1964	288.10
Mar. 13, 1970	243.05	Feb. 9, 1931	188.35	July 29, 1964	292.44
Mar. 19, 1971	265.58	Mar. 3, 1931	187.10	July 31, 1964	292.50
Mar. 13, 1972	265.45	Jan. 11, 1932	193.70	Aug. 5, 1964	292.68
<b>Well HZ-77-41-401</b>		Feb. 4, 1932	190.60	Aug. 9, 1964	292.83
Owner: Bill George		Mar. 22, 1932	182.50	Sept. 1, 1964	293.28
July 30, 1957	189.00	May 6, 1932	187.60	Oct. 1, 1964	294.18
July 9, 1958	189.70	July 3, 1932	181.90	Nov. 17, 1964	295.48
Sept. 28, 1960	193.48	Aug. 30, 1932	183.50	Nov. 20, 1964	295.55
Feb. 7, 1961	190.06	Dec. 20, 1932	177.30	Nov. 23, 1964	295.83
Dec. 19, 1962	195.09	Mar. 21, 1933	176.90	Dec. 5, 1964	296.03
Jan. 21, 1964	196.76	Sept. 18, 1933	174.50	Dec. 10, 1964	296.26
Feb. 10, 1965	199.66	Mar. 10, 1935	172.95	Dec. 15, 1964	296.42
		July 29, 1935	174.20	Feb. 5, 1965	297.20

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HZ-77-42-301—Continued</b>		<b>Well HZ-77-42-301—Continued</b>		<b>Well HZ-77-42-301—Continued</b>	
Feb. 10, 1965	297.20	Dec. 5, 1965	301.22	Aug. 15, 1966	302.29
Feb. 15, 1965	297.28	Dec. 10, 1965	301.32	Aug. 20, 1966	302.30
Feb. 20, 1965	297.39	Dec. 15, 1965	301.28	Aug. 25, 1966	302.35
Feb. 25, 1965	297.37	Dec. 20, 1965	301.38	Aug. 31, 1966	302.36
Feb. 28, 1965	297.38	Dec. 25, 1965	301.48	Sept. 5, 1966	302.35
Mar. 5, 1965	297.48	Dec. 31, 1965	301.68	Sept. 10, 1966	302.36
Mar. 10, 1965	297.52	Jan. 5, 1966	301.77	Sept. 15, 1966	302.31
Mar. 15, 1965	297.52	Jan. 10, 1966	301.89	Sept. 20, 1966	302.30
Mar. 20, 1965	297.61	Jan. 15, 1966	301.91	Sept. 23, 1966	302.37
Mar. 25, 1965	297.65	Jan. 20, 1966	302.00	Nov. 15, 1966	302.86
Mar. 31, 1965	297.81	Jan. 25, 1966	302.08	Jan. 21, 1967	303.62
May 31, 1965	298.49	Jan. 31, 1966	302.18	Jan. 25, 1967	303.59
June 5, 1965	298.56	Feb. 5, 1966	302.32	Jan. 31, 1967	303.68
June 10, 1965	298.68	Feb. 10, 1966	302.21	Feb. 5, 1967	303.77
June 15, 1965	298.71	Feb. 15, 1966	302.26	Feb. 10, 1967	303.85
June 20, 1965	298.89	Feb. 20, 1966	302.35	Feb. 15, 1967	303.85
June 25, 1965	299.04	Feb. 25, 1966	302.46	Feb. 20, 1967	303.85
June 30, 1965	299.18	Feb. 28, 1966	302.43	Feb. 25, 1967	303.86
July 5, 1965	299.24	Mar. 5, 1966	302.40	Feb. 28, 1967	303.86
July 10, 1965	299.25	Mar. 10, 1966	302.57	Mar. 5, 1967	304.19
July 15, 1965	299.34	Mar. 15, 1966	302.53	Mar. 10, 1967	304.35
July 20, 1965	299.39	Mar. 25, 1966	302.58	Mar. 15, 1967	304.49
July 24, 1965	299.35	May 25, 1966	302.22	Mar. 20, 1967	304.63
Sept. 23, 1965	299.97	May 31, 1966	302.21	Mar. 25, 1967	304.70
Sept. 25, 1965	300.01	June 5, 1966	302.28	Mar. 31, 1967	304.73
Sept. 30, 1965	300.04	June 10, 1966	302.27	Apr. 5, 1967	304.93
Oct. 5, 1965	300.17	June 15, 1966	302.28	Apr. 10, 1967	305.05
Oct. 10, 1965	300.19	June 20, 1966	302.29	Apr. 15, 1967	305.13
Oct. 15, 1965	300.24	June 25, 1966	302.33	Apr. 20, 1967	305.28
Oct. 20, 1965	300.28	June 30, 1966	302.34	Apr. 25, 1967	305.39
Oct. 25, 1965	300.48	July 5, 1966	302.33	Apr. 30, 1967	305.59
Oct. 31, 1965	300.68	July 10, 1966	302.33	May 5, 1967	305.74
Nov. 5, 1965	300.76	July 15, 1966	302.33	May 10, 1967	305.87
Nov. 10, 1965	300.78	July 20, 1966	302.31	May 15, 1967	306.02
Nov. 15, 1965	300.78	July 25, 1966	302.31	May 20, 1967	306.35
Nov. 20, 1965	300.85	July 31, 1966	302.33	May 25, 1967	306.45
Nov. 25, 1965	300.91	Aug. 5, 1966	302.32	May 31, 1967	306.56
Nov. 30, 1965	301.08	Aug. 10, 1966	302.30	June 5, 1967	306.79

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well HZ-77-42-301—Continued		Well HZ-77-42-301—Continued		Well HZ-77-42-301—Continued	
June 10, 1967	306.94	Feb. 25, 1968	316.12	Sept. 5, 1968	314.60
June 15, 1967	307.08	Feb. 29, 1968	316.18	Sept. 10, 1968	314.60
June 20, 1967	307.31	Mar. 5, 1968	316.30	Sept. 15, 1968	314.58
June 25, 1967	307.49	Mar. 10, 1968	316.19	Nov. 26, 1968	313.80
June 30, 1967	307.69	Mar. 15, 1968	316.30	Jan. 31, 1969	313.15
July 5, 1967	307.90	Mar. 20, 1968	316.16	Feb. 5, 1969	313.22
July 10, 1967	308.12	Mar. 25, 1968	316.28	Feb. 10, 1969	313.14
July 15, 1967	308.35	Mar. 31, 1968	316.25	Feb. 15, 1969	313.01
July 20, 1967	314.92	Apr. 5, 1968	316.19	Feb. 20, 1969	313.04
Sept. 28, 1967	311.43	Apr. 10, 1968	316.23	Feb. 25, 1969	312.96
Oct. 5, 1967	311.72	Apr. 15, 1968	316.25	Feb. 28, 1969	312.90
Oct. 10, 1967	311.93	Apr. 20, 1968	316.17	Mar. 5, 1969	312.82
Oct. 15, 1967	312.15	Apr. 25, 1968	316.15	Mar. 10, 1969	312.75
Oct. 20, 1967	312.42	Apr. 30, 1968	316.12	Mar. 15, 1969	312.75
Oct. 25, 1967	312.59	May 5, 1968	316.06	Mar. 20, 1969	312.72
Oct. 31, 1967	312.75	May 10, 1968	316.00	Mar. 25, 1969	312.58
Nov. 5, 1967	312.99	May 15, 1968	315.93	Mar. 31, 1969	312.61
Nov. 10, 1967	313.25	May 20, 1968	315.91	Apr. 5, 1969	312.51
Nov. 15, 1967	313.40	May 25, 1968	315.85	Apr. 10, 1969	312.40
Nov. 20, 1967	313.54	May 31, 1968	315.80	Apr. 15, 1969	312.29
Nov. 25, 1967	313.58	June 5, 1968	315.72	Apr. 20, 1969	312.21
Nov. 30, 1967	313.80	June 10, 1968	315.65	Apr. 25, 1969	312.17
Dec. 5, 1967	314.02	June 15, 1968	315.62	Apr. 30, 1969	312.11
Dec. 10, 1967	314.07	June 20, 1968	315.56	May 5, 1969	311.90
Dec. 15, 1967	314.22	June 25, 1968	315.39	May 10, 1969	311.90
Dec. 20, 1967	314.34	June 30, 1968	315.34	May 15, 1969	311.83
Dec. 25, 1967	314.68	July 5, 1968	315.34	May 20, 1969	311.74
Dec. 31, 1967	314.76	July 10, 1968	315.22	May 25, 1969	311.73
Jan. 5, 1968	314.87	July 15, 1968	315.10	May 31, 1969	311.61
Jan. 10, 1968	315.07	July 20, 1968	315.06	June 5, 1969	311.57
Jan. 15, 1968	315.17	July 25, 1968	315.02	June 10, 1969	311.49
Jan. 20, 1968	315.22	July 31, 1968	314.97	June 15, 1969	311.44
Jan. 25, 1968	315.26	Aug. 5, 1968	314.95	June 20, 1969	311.39
Jan. 31, 1968	315.82	Aug. 10, 1968	314.89	June 25, 1969	311.29
Feb. 5, 1968	315.93	Aug. 15, 1968	314.84	June 30, 1969	311.30
Feb. 10, 1968	316.07	Aug. 20, 1968	314.81	July 5, 1969	311.32
Feb. 15, 1968	316.08	Aug. 25, 1968	314.72	July 10, 1969	311.31
Feb. 20, 1968	316.11	Aug. 31, 1968	314.63	July 15, 1969	311.29

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well HZ-77-42-301—Continued		Well HZ-77-42-301—Continued		Well HZ-77-42-301—Continued	
July 20, 1969	311.27	Jan. 31, 1970	309.94	Aug. 10, 1970	307.71
July 25, 1969	311.21	Feb. 5, 1970	309.98	Aug. 15, 1970	307.67
July 31, 1969	311.18	Feb. 10, 1970	309.94	Aug. 20, 1970	307.61
Aug. 5, 1969	311.18	Feb. 15, 1970	310.00	Aug. 25, 1970	307.52
Aug. 10, 1969	311.18	Feb. 20, 1970	309.98	Aug. 31, 1970	308.29
Aug. 15, 1969	311.17	Feb. 25, 1970	309.96	Sept. 5, 1970	308.20
Aug. 20, 1969	311.12	Feb. 28, 1970	309.99	Sept. 10, 1970	308.15
Aug. 25, 1969	311.16	Mar. 5, 1970	310.13	Sept. 15, 1970	308.08
Aug. 31, 1969	311.18	Mar. 10, 1970	310.23	Sept. 20, 1970	308.04
Sept. 5, 1969	311.19	Mar. 15, 1970	310.22	Sept. 25, 1970	307.95
Sept. 10, 1969	311.22	Mar. 20, 1970	310.28	Sept. 30, 1970	307.95
Sept. 15, 1969	311.28	Mar. 25, 1970	310.47	Oct. 5, 1970	307.85
Sept. 20, 1969	311.27	Mar. 31, 1970	310.33	Oct. 10, 1970	307.73
Sept. 25, 1969	311.25	Apr. 5, 1970	310.07	Oct. 15, 1970	307.68
Sept. 30, 1969	311.28	Apr. 10, 1970	310.07	Oct. 20, 1970	307.71
Oct. 5, 1969	311.25	Apr. 15, 1970	309.92	Oct. 25, 1970	307.58
Oct. 10, 1969	311.28	Apr. 20, 1970	309.80	Oct. 31, 1970	307.55
Oct. 15, 1969	311.31	Apr. 25, 1970	309.72	Nov. 5, 1970	307.59
Oct. 20, 1969	311.35	Apr. 30, 1970	309.63	Nov. 10, 1970	307.54
Oct. 25, 1969	311.43	May 5, 1970	309.65	Nov. 15, 1970	307.45
Oct. 31, 1969	311.48	May 10, 1970	309.63	Nov. 20, 1970	307.40
Nov. 5, 1969	311.52	May 15, 1970	309.41	Nov. 25, 1970	307.41
Nov. 10, 1969	311.53	May 20, 1970	309.37	Nov. 30, 1970	307.35
Nov. 15, 1969	311.55	May 25, 1970	309.26	Dec. 5, 1970	307.32
Nov. 20, 1969	311.76	May 31, 1970	305.07	Dec. 10, 1970	307.26
Nov. 25, 1969	311.76	June 5, 1970	309.00	Dec. 15, 1970	307.23
Nov. 30, 1969	311.80	June 10, 1970	308.92	Dec. 20, 1970	307.13
Dec. 5, 1969	311.72	June 15, 1970	308.91	Dec. 25, 1970	307.07
Dec. 10, 1969	311.67	June 20, 1970	308.67	Dec. 31, 1970	306.99
Dec. 15, 1969	311.75	June 25, 1970	308.60	Jan. 5, 1971	306.89
Dec. 20, 1969	311.80	June 30, 1970	308.52	Jan. 10, 1971	306.93
Dec. 25, 1969	311.76	July 5, 1970	308.45	Jan. 15, 1971	306.89
Dec. 31, 1969	311.75	July 10, 1970	308.33	Jan. 20, 1971	306.87
Jan. 5, 1970	311.86	July 15, 1970	308.25	Jan. 25, 1971	306.79
Jan. 10, 1970	312.00	July 20, 1970	308.16	Jan. 31, 1971	306.73
Jan. 15, 1970	311.93	July 25, 1970	308.09	Feb. 5, 1971	306.69
Jan. 20, 1970	311.88	July 31, 1970	307.97	Feb. 10, 1971	306.68
Jan. 25, 1970	309.98	Aug. 5, 1970	307.85	Feb. 15, 1971	306.67

Table 3.—Water Levels in Selected Wells in Dimmit County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HZ-77-42-301—Continued</b>		<b>Well HZ-77-42-301—Continued</b>		<b>Well HZ-77-42-801</b>	
Feb. 20, 1971	306.58	Aug. 31, 1971	308.95	Owner: Dolph Briscoe	
Feb. 25, 1971	306.53	Sept. 5, 1971	309.12	Dec. 10, 1929	72.45
Feb. 28, 1971	306.50	Sept. 10, 1971	309.30	Jan. 15, 1930	72.15
Mar. 5, 1971	306.51	Sept. 15, 1971	309.42	Feb. 18, 1930	73.70
Mar. 10, 1971	306.54	Sept. 20, 1971	309.62	Mar. 19, 1930	74.20
Mar. 15, 1971	306.45	Sept. 25, 1971	309.86	Apr. 17, 1930	75.60
Mar. 20, 1971	306.49	Sept. 30, 1971	310.00	May 16, 1930	92.80
Mar. 25, 1971	306.46	Oct. 5, 1971	310.13	June 19, 1930	74.60
Mar. 31, 1971	306.46	Oct. 10, 1971	310.28	July 14, 1930	73.85
Apr. 5, 1971	306.50	Oct. 15, 1971	310.40	Aug. 22, 1930	72.70
Apr. 10, 1971	306.59	Oct. 20, 1971	310.47	Sept. 23, 1930	71.80
Apr. 15, 1971	306.56	Oct. 25, 1971	310.62	Dec. 10, 1930	70.80
Apr. 20, 1971	306.45	Oct. 31, 1971	310.74	Feb. 9, 1931	70.15
Apr. 25, 1971	306.40	Nov. 5, 1971	310.94	Mar. 3, 1931	69.40
Apr. 30, 1971	306.39	Nov. 10, 1971	311.16	Apr. 24, 1931	68.85
May 5, 1971	306.48	Nov. 15, 1971	311.28	May 26, 1931	68.70
May 10, 1971	306.50	Nov. 20, 1971	311.36	June 26, 1931	68.20
May 15, 1971	306.57	Nov. 25, 1971	311.45	July 27, 1931	67.00
May 20, 1971	306.59	Nov. 30, 1971	311.52	Aug. 29, 1931	65.00
May 25, 1971	306.65	Dec. 5, 1971	311.63	Dec. 3, 1931	65.10
May 31, 1971	306.75	Dec. 10, 1971	311.65	Jan. 11, 1932	65.00
June 5, 1971	306.82	Dec. 15, 1971	311.73	Feb. 4, 1932	65.40
June 10, 1971	306.88	Dec. 20, 1971	311.85	Aug. 30, 1932	67.20
June 15, 1971	306.93	Dec. 25, 1971	312.00	Dec. 20, 1932	65.60
June 20, 1971	307.01	Dec. 31, 1971	312.02	Mar. 21, 1933	64.50
June 25, 1971	307.12	Jan. 5, 1972	312.04	Sept. 18, 1933	64.40
June 30, 1971	307.18	Jan. 10, 1972	312.12	Aug. 27, 1936	68.30
July 5, 1971	307.26	Jan. 15, 1972	312.12	Aug. 14, 1937	62.67
July 10, 1971	307.36	Jan. 20, 1972	312.23	Aug. 24, 1938	63.72
July 15, 1971	307.50	Jan. 25, 1972	312.23	Aug. 15, 1939	66.24
July 20, 1971	307.64	Jan. 31, 1972	312.25	Aug. 4, 1940	65.98
July 25, 1971	307.78	Feb. 5, 1972	312.34	Aug. 4, 1941	64.48
July 31, 1971	307.95	Feb. 10, 1972	312.27	Aug. 10, 1942	68.13
Aug. 5, 1971	308.10	Feb. 15, 1972	312.37	Aug. 13, 1943	75.07
Aug. 10, 1971	308.27	Feb. 20, 1972	312.35	Dec. 18, 1943	75.16
Aug. 15, 1971	308.40	Feb. 25, 1972	312.52	July 7, 1944	78.27
Aug. 20, 1971	308.56			Aug. 12, 1944	77.08
Aug. 25, 1971	308.72			July 24, 1945	75.87

**Table 3.—Water Levels in Selected Wells in Dimmit County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well HZ-77-42-801—Continued</b>		<b>Well HZ-77-42-801—Continued</b>		<b>Well HZ-77-44-101—Continued</b>	
July 10, 1946	80.03	Feb. 4, 1965	157.09	Feb. 10, 1965	185.89
July 22, 1947	77.04	Mar. 16, 1966	162.75	Mar. 15, 1966	193.80
Aug. 10, 1948	81.95	Feb. 12, 1968	171.40	Mar. 8, 1967	201.14
Sept. 16, 1948	80.82	Feb. 7, 1969	168.78	Feb. 12, 1968	198.24
Aug. 13, 1949	82.13	Jan. 23, 1970	175.41	Feb. 5, 1969	200.08
Aug. 15, 1950	85.68	Mar. 12, 1970	171.10	Jan. 21, 1970	199.71
Sept. 11, 1951	100.50	Mar. 17, 1971	170.70	Mar. 17, 1971	196.35
Aug. 19, 1952	107.98	Mar. 9, 1972	182.31	Mar. 9, 1972	203.26
Sept. 9, 1953	119.80				
Oct. 13, 1954	122.92	<b>Well HZ-77-44-101</b>		<b>Well HZ-77-50-201</b>	
Mar. 26, 1957	147.67	Owner: L. Vivian		Owner: Albert E. Gates	
June 11, 1957	151.60	July 11, 1957	165.83	Feb. 12, 1965	252.62
July 11, 1957	155.47	July 11, 1958	139.19	Mar. 16, 1966	255.66
July 10, 1958	138.55	Sept. 27, 1960	129.72	Mar. 8, 1967	262.22
Sept. 27, 1960	137.58	Feb. 9, 1961	115.93	Feb. 28, 1968	259.78
Feb. 9, 1961	128.40	Feb. 14, 1962	143.80	Feb. 7, 1969	258.18
Feb. 14, 1962	164.25	Dec. 18, 1962	167.75	Jan. 23, 1970	262.82
Dec. 18, 1962	143.85	Jan. 22, 1964	180.16	Mar. 12, 1970	263.50
Jan. 22, 1964	153.95			Mar. 17, 1971	260.24
				Mar. 9, 1972	265.26

DIMMIT COUNTY

Table A.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)  
 Water-bearing unit: Ka, Edwards and associated limestones; Ewi, Wilcox Group; Ec, Carrizo Sand; Er, Rusk Formation; Ecu, Queen City Sand; Ew, Washes Formation; Eb, Bigford Formation; Eep, El Fico Clay; Es, Sparta Sand; El, Laredo Formation; Em, Comstock Mountain Formation; Ey, Yegua Formation; Ej, Jackson Group; Et, Matahoula Tuff; Mo, Oakville Sandstone; Ml, Lagarto Clay; Qc, Terrace gravel; Qal, Alluvium.  
 Dissolved solids : The bicarbonate "reported" is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.  
 Analyses by Texas State Department of Health unless indicated by footnote.

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
2/ HZ-76-40-101	Ewi	--	July 26, 1961	--	--	--	--	--	--	421	1,340	520	--	--	--	--	790	4,660	7.2	--	--	--
2/ 901	Ec, Ewi	475	May 20, 1930	33	0.10	116	25	291	9.5	502	385	169	--	0.12	--	1,275	392	--	--	61.0	6.39	0.38
2/ 48-401	Ewi	243	July 21, 1960	13	--	156	61	* 2,420	--	174	1,180	2,750	0.4	--	--	6,365	640	9,800	6.9	87.8	36.47	.00
	Ec	55	Feb. 11, 1965	52	--	138	21	104	--	221	130	195	.9	81	--	829	430	1,300	7.0	34.4	2.18	.00
	Ec	55	July 19, 1972	57	.04	178	29	124	6	265	163	249	.8	120	--	1,060	560	1,550	7.1	31.9	2.26	.00
2/ 901	Ec	125	July 21, 1960	47	--	158	26	* 138	--	250	230	250	.4	3.2	--	975	501	1,430	6.4	37.5	2.68	.00
2/ 902	Ec	200	do	50	--	110	17	* 82	--	216	104	158	.7	16	--	643	344	1,080	6.8	33.8	1.92	.00
	Ec	--	Oct. 29, 1968	7	--	41	11	87	4	310	49	28	.4	< .4	--	379	148	628	7.6	55.3	3.11	2.13
2/ 705	Ec, Ewi	425	--	36	--	52	29	* 197	--	474	158	86	--	3.2	--	791	249	1,320	7.9	63.3	5.44	2.80
	Ec, Ewi	300	Mar. 26, 1969	23	--	35	8	54	4	126	35	68	.2	5.5	--	294	120	500	7.2	48.6	2.15	.00
	Ec, Ewi	450	Mar. 27, 1969	16	--	10	4	186	3	311	63	85	.6	< .4	0.7	520	42	846	7.9	89.8	12.50	4.26
2/ 18-701	Ec	1,064	Mar. 14, 1957	--	--	--	--	--	--	--	--	26	--	--	--	--	--	524	--	--	--	--
2/ 704	Ec	1,041	July 24, 1930	21	.02	44	14	59	3.0	267	37	28	--	.05	--	337	167	--	--	42.8	1.99	1.03
2/ 704	Ec	1,041	Nov. 29, 1938	--	--	--	--	--	--	310	92	108	.3	.20	--	--	69	--	--	--	--	--
2/ 704	Ec	1,041	Dec. 28, 1948	19	--	45	14	* 55	--	260	38	26	--	.0	--	324	170	537	--	41.3	1.83	.86
	Ec	1,041	Mar. 13, 1969	22	--	44	11	66	4	264	34	31	.4	< .4	.2	342	155	348	7.7	47.2	2.29	1.23
	Ec	1,028	June 25, 1969	19	--	46	9	58	3	266	32	21	.3	< .4	--	319	153	516	7.7	44.6	2.04	1.31
	Ec	992	Mar. 13, 1969	22	--	45	13	94	4	270	49	65	.4	< .4	.3	425	164	690	7.8	54.7	3.19	1.14
	Ec	1,145	June 25, 1969	19	--	57	11	70	4	283	55	43	.4	< .4	--	398	188	665	7.7	44.3	2.23	.89
2/ 903	Ec	1,212	Apr. 3, 1957	--	--	--	--	--	--	--	--	40	--	--	--	--	--	276	--	--	--	--
	Ec	1,273	June 26, 1969	22	--	58	13	67	4	295	60	36	.5	< .4	--	405	199	647	7.6	41.9	2.08	.87
	Ec	1,159	do	20	--	63	12	64	4	289	69	34	.5	< .4	--	408	208	647	7.7	39.5	1.93	.59
2/ 19-701	Ec	1,210	Mar. 12, 1957	--	--	--	--	--	--	--	--	4,190	--	--	--	--	--	13,600	--	--	--	--
	Ec	1,300	June 26, 1969	22	--	58	11	72	6	300	65	33	.5	< .4	--	414	191	660	7.8	44.2	2.27	1.10
2/ 25-203	Ec	472	Apr. 4, 1930	16	.06	32	11	75	4.2	259	38	31	--	.0	--	134	125	--	--	55.5	2.92	1.75
	Ec	345	June 25, 1960	16	--	32	6	61	3	162	40	46	.4	< .4	--	284	104	480	7.6	55.2	2.61	.58
	Ec	300	Jan. 16, 1969	15	--	25	8	48	--	135	29	42	.4	< .4	--	234	95	401	7.6	52.5	2.15	.33
2/ 801	--	--	Apr. 14, 1939	--	--	--	--	--	--	239	61	95	--	--	--	--	315	--	--	--	--	--
	Ec	600	June 26, 1969	24	--	44	13	75	4	273	48	46	.4	< .4	--	388	165	620	7.6	49.2	2.56	1.19
2/ 301	Ec	1,010	Mar. 27, 1957	--	--	--	--	--	--	--	--	35	--	--	--	--	--	614	--	--	--	--
2/ 302	Ec	1,005	May 24, 1930	19	.10	25	9.3	535	7.2	383	173	585	--	.10	--	1,541	101	--	--	91.4	23.21	4.27
2/ 302	Ec	1,005	Feb. 27, 1957	--	--	--	--	--	--	--	--	800	--	--	--	--	--	3,460	--	--	--	--
	Ec	456	June 26, 1969	20	--	42	8	86	3	283	46	42	.4	< .4	--	386	139	625	7.8	56.8	3.18	1.87
	Ec	478	June 26, 1969	18	--	41	11	74	3	277	39	32	.4	< .4	--	350	149	582	7.7	51.4	2.65	1.56

See footnotes at end of table.

DIMIT COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
H2-77-26-416	Ec	383	Apr. 2, 1969	20	--	32	10	105	4	282	47	50	0.4	< 0.4	0.3	407	124	670	7.8	63.9	4.41	2.14
419	Ec, Bwi	557	Apr. 4, 1969	23	--	47	18	137	5	288	112	107	.4	< .4	.4	591	189	976	7.6	60.4	4.34	.94
422	Ec	312	Apr. 3, 1969	23	--	35	11	83	4	281	41	33	.4	< .4	.2	368	134	602	7.8	56.7	3.13	1.93
424	Ec	315	do	21	--	33	13	83	4	282	39	33	.3	< .4	--	365	138	600	7.6	55.7	3.06	1.84
502	Ec	700	Jan. 4, 1949	24	--	39	19	* 97	--	284	63	62	--	.0	--	443	176	738	--	54.59	3.19	1.15
506	Ec	450	Apr. 4, 1969	18	--	59	21	323	5	304	293	282	.6	< .4	--	1,150	234	1,830	7.8	74.5	9.18	.30
603	Ec	832	Sept. 18, 1969	21	--	38	12	117	3	285	67	71	.5	< .4	--	469	143	754	7.6	63.4	4.25	1.83
604	Ec	850	Feb. 6, 1969	24	--	41	11	78	4	281	51	31	.4	< .4	.2	378	148	585	7.8	52.6	2.79	1.64
701	Ec	133	Mar. 15, 1930	37	0.08	69	14	110	3.7	214	107	130	--	4.0	--	580	230	--	--	50.58	3.16	.80
705	Ec	334	Mar. 14, 1968	--	.23	24	8	139	--	284	65	65	.4	< .4	--	441	93	840	7.8	76.1	6.14	2.80
706	Ec	317	Mar. 14, 1969	20	--	65	18	149	5	200	239	102	.6	< .4	--	696	237	1,056	7.6	57.1	4.22	.80
709	Ec, Bwi	444	Mar. 14, 1968	--	.40	83	22	138	--	211	159	185	.3	< .4	--	691	298	1,392	7.2	50.2	3.48	.80
709	Ec, Bwi	444	Aug. 26, 1968	--	< .02	92	21	129	--	207	173	172	.4	< .4	--	690	316	1,344	7.3	47.0	3.18	.80
710	Ec	325	Mar. 14, 1968	--	1.08	16	7	156	--	256	81	82	.4	< .4	--	468	70	882	8.0	83.1	8.17	2.82
711	Ec	350	do	--	2.20	16	5	159	--	301	61	69	.4	< .4	--	458	62	855	7.8	85.1	8.90	3.73
712	Ec	329	do	--	.17	26	9	137	--	276	75	75	.4	< .4	--	458	--	870	7.8	74.5	5.90	2.49
713	Ec	355	Mar. 14, 1968	--	.17	24	9	135	--	279	71	67	.4	< .4	--	443	98	840	7.7	75.2	5.96	2.86
714	Ec	481	do	--	1.02	22	7	122	--	282	53	46	.4	< .4	--	389	84	--	--	76.2	5.83	2.96
715	Ec	364	do	--	.37	27	9	138	--	275	69	72	.4	< .4	--	450	104	850	7.6	74.2	5.87	2.42
717	Ec	250	Apr. 10, 1969	22	--	49	16	111	5	248	101	99	.4	< .4	.3	525	189	881	7.7	55.2	3.50	.28
723	Ec	409	Apr. 4, 1967	--	--	--	--	--	--	--	--	62	--	--	--	--	--	720	--	--	--	--
801	Ec	500	Mar. 15, 1957	--	--	--	--	--	--	--	--	39	--	--	--	--	--	634	--	--	--	--
805	Ec	450	Mar. 14, 1968	--	.20	20	6	118	--	278	46	39	.4	< .4	--	366	74	684	7.6	77.5	5.94	3.07
806	Ec	560	July 2, 1969	19	--	29	6	146	4	284	87	71	.5	< .4	--	502	95	810	7.8	76.1	7.25	2.77
807	Ec	480	Mar. 14, 1968	--	.37	21	8	114	--	279	47	37	.4	< .4	--	364	86	--	--	74.4	5.36	2.87
808	Ec	600	Mar. 11, 1969	17	--	21	7	160	4	290	82	73	.5	< .4	.4	506	81	826	7.9	80.3	7.77	3.15
27-101	Ec	1,185	July 3, 1969	24	--	54	14	66	--	300	48	30	.6	< .4	--	383	194	633	7.5	42.4	2.05	1.04
102	Ec	--	July 30, 1968	21	--	50	12	68	--	296	47	32	.5	< .4	--	375	172	626	7.7	46.2	2.25	1.41
103	Ec	1,308	July 3, 1969	25	--	56	14	63	5	300	46	30	.4	< .4	--	386	197	620	7.5	40.2	1.95	.98
104	Ec	1,232	do	26	--	48	11	71	5	295	50	31	.5	< .4	--	387	168	615	7.6	47.0	2.39	1.49
105	Ec	1,145	July 7, 1969	24	--	51	13	65	--	298	46	28	.5	< .4	--	373	180	598	7.8	44.1	2.12	1.28
106	Ec	1,203	July 3, 1969	26	--	51	13	65	5	295	45	29	.5	< .4	--	379	180	605	7.5	43.2	2.12	1.24
107	Ec	1,170	do	26	--	51	8	72	5	293	47	29	.5	< .4	--	382	198	601	7.7	48.8	2.50	1.64
108	Ec	1,194	July 7, 1969	22	--	54	12	81	5	306	56	39	.5	< .4	--	419	185	668	7.3	48.0	2.60	1.33

See footnotes at end of table.



DIMMITY COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Pp)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLOUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROHMOS AT 25°C)	pH	PERCENT SOLIDUM	SAR	RSC
NE-77-27-109	Ec	1,188	July 7, 1969	24	--	53	12	69	5	303	49	29	0.6	< 0.4	--	390	182	665	7.6	44.3	2.22	1.33
110	Ec	1,210	July 3, 1969	28	--	60	9	65	5	399	55	30	.6	< .4	--	399	188	615	7.6	42.0	2.05	1.15
111	Ec	1,200	July 7, 1969	25	--	54	13	65	--	300	48	29	.5	< .4	--	380	188	605	7.9	42.7	2.04	1.17
112	Ec	1,069	July 30, 1968	20	--	54	12	65	--	298	47	30	.4	< .4	--	374	184	630	7.6	43.6	2.10	1.21
112	Ec	1,069	July 3, 1969	26	--	46	16	64	4	293	48	31	.5	< .4	0.2	379	180	605	7.6	43.0	2.08	1.20
113	Ec	1,210	July 7, 1969	22	--	51	12	66	4	292	45	29	.4	< .4	--	372	117	392	7.6	44.7	2.15	1.25
201	Ec	1,282	July 3, 1969	27	--	45	11	78	5	294	48	31	.5	< .4	--	389	155	614	7.7	51.3	2.73	1.72
202	Ec	1,249	do	25	--	46	12	71	5	294	44	31	.6	< .4	--	378	165	605	7.5	47.1	2.37	1.53
203	Ec	1,185	do	27	--	56	3	77	5	293	48	31	.6	< .4	--	391	152	605	7.5	51.5	2.73	1.76
204	Ec	1,183	do	24	--	47	12	75	5	296	56	32	.6	< .4	--	394	168	620	7.5	48.2	2.50	1.51
205	Ec	1,231	do	26	--	36	11	97	5	298	55	40	.7	< .4	--	416	134	655	7.8	60.2	3.66	2.21
301	Ec	1,353	Apr. 2, 1957	--	--	--	--	--	--	--	--	145	--	--	--	--	--	1,500	--	--	--	--
302	Ec	1,333	June 26, 1969	20	--	52	8	87	5	298	69	37	.6	< .4	--	424	165	665	7.8	52.6	2.95	1.59
303	Ec	1,363	do	16	--	15	5	374	3	520	163	207	2.0	< .4	--	1,038	61	1,680	8.0	92.6	20.83	7.30
304	Ec	1,363	do	20	--	40	6	191	4	350	96	114	1.0	< .4	--	643	123	1,038	8.0	76.5	7.51	3.29
305	Ec	1,236	Apr. 11, 1969	24	--	36	12	98	5	296	55	46	.6	< .4	.3	423	139	705	7.7	59.4	3.60	2.08
401	Ec	987	Mar. 18, 1957	--	--	--	--	--	--	--	--	65	--	--	--	--	--	660	--	--	--	--
504	Ec	1,145	July 3, 1969	28	--	42	11	85	3	294	55	36	.5	< .4	--	406	152	625	8.0	53.7	2.98	1.78
702	Ec	866	Apr. 8, 1957	--	--	--	--	--	--	--	--	185	--	--	--	--	--	1,140	--	--	--	--
703	Ec	1,135	Feb. 7, 1928	20	0.04	17	6.5	133	5.4	318	51	44	--	1.8	--	433	69	--	--	79.2	6.97	3.84
28-201	Ec	1,412	Dec. 1, 1938	--	--	--	--	--	--	307	85	340	--	1.0	--	--	156	--	--	--	--	--
402	Ec	1,300	Dec. 30, 1948	20	--	30	16	110	--	300	61	50	--	.0	--	434	141	723	--	62.9	4.03	2.10
502	Hb, Ec	1,355	Dec. 9, 1937	--	--	--	--	--	--	361	91	85	.8	.7	--	--	10	--	--	--	--	--
502	Hb, Ec	1,355	Feb. 27, 1939	--	--	--	--	--	--	343	96	85	--	--	--	--	16	--	--	--	--	--
502	Hb, Ec	1,355	May 11, 1945	17	.42	4.3	1.6	223	8.6	361	90	85	1.6	.2	--	607	17	1,060	8.4	94.4	23.19	5.52
502	Hb, Ec	1,355	July 15, 1957	--	--	--	--	--	--	--	--	288	--	--	--	--	--	1,860	--	--	--	--
503	Ec	1,500	Apr. 11, 1969	20	.42	20	8	119	5	307	54	34	.6	< .4	.3	411	85	684	7.8	73.9	5.61	3.35
29-201	Ec	1,800	Mar. 19, 1957	--	--	--	--	--	--	--	--	54	--	--	--	--	--	1,040	--	--	--	--
33-301	Ec, Ewi	320	Mar. 18, 1930	38	.32	67	13	64	6.2	202	73	89	--	.05	--	449	221	--	--	37.8	1.87	.00
301	Ec, Ewi	320	July 19, 1972	35	--	59	10	76	4	195	61	92	.5	< .4	.3	434	190	690	7.1	45.8	2.39	.00
303	Ec	150	July 17, 1957	--	--	--	--	--	--	--	--	79	--	--	--	--	--	563	--	--	--	--
306	Ec	302	Sept. 17, 1969	37	--	75	13	73	4	215	81	101	.5	< .4	--	490	239	778	7.3	39.5	2.06	.00
307	Ec, Ewi	250	Mar. 26, 1969	35	--	56	10	69	5	174	44	100	.4	< .4	--	405	181	670	7.3	44.5	2.23	.00
309	Ewi	325	Mar. 26, 1969	27	--	51	9	70	4	158	51	95	.3	< .4	--	384	166	644	7.4	47.3	2.38	.00

See footnotes at end of table.

DIMMITT COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
H2-77-33-310	Ewi	536	Mar. 26, 1969	25	--	38	7	108	3	163	57	115	0.3	< 0.4	--	433	135	729	7.6	64.5	4.19	0.18
3 502	Co, Ewi	352	Mar. 25, 1957	--	--	--	--	--	--	--	--	121	--	--	--	--	--	949	--	--	--	--
506	Er, Ewi	455	Mar. 27, 1969	37	--	89	15	79	6	182	75	160	.5	< .4	--	551	282	927	7.7	37.3	2.05	.00
605	Ec	--	do	40	--	67	13	97	5	246	96	94	.6	< .4	--	532	220	827	7.2	48.2	2.85	.00
605	Ec	--	July 20, 1972	35	--	83	24	199	5	251	232	216	.6	< .4	--	920	309	1,400	7.3	57.9	4.93	.00
606	Ec	--	Mar. 25, 1969	40	--	92	19	88	6	167	166	155	.6	< .4	0.4	628	310	988	6.9	37.7	2.18	.00
607	Ec, Ewi	350	do	40	--	97	16	87	6	179	139	142	.5	< .4	.4	615	309	965	7.1	37.4	2.15	.00
611	Ec, Ewi	260	Mar. 26, 1969	37	--	84	14	78	5	178	87	142	.5	< .4	--	535	267	875	7.2	38.4	2.09	.00
3 801	Ec, Ewi	556	Mar. 25, 1957	--	--	--	--	--	--	--	--	101	--	--	--	--	--	1,030	--	--	--	--
806	Ec, Ewi	520	Mar. 27, 1969	< 1	--	74	13	118	5	299	106	98	.6	< .4	.6	962	237	962	7.3	51.3	3.33	.16
806	Ec, Ewi	520	July 20, 1972	48	--	79	14	124	4	305	122	100	.6	< .4	.6	640	253	950	7.3	51.0	3.38	.00
3 34-202	Ec	694	Nov. 21, 1938	--	--	--	--	--	--	282	90	72	.3	--	--	--	105	--	--	--	--	--
2 204	Ec	670	Dec. 7, 1938	--	--	--	--	--	--	290	172	190	--	.0	--	--	87	--	--	--	--	--
2 204	Ec	670	Mar. 22, 1957	--	--	--	--	--	--	--	--	136	--	--	--	--	--	1,130	--	--	--	--
204	Ec	670	Feb. 6, 1969	16	0.20	33	9	227	4	281	155	166	.7	< .4	.6	748	121	1,190	7.8	79.7	9.00	2.19
208	Ec	600	July 2, 1969	18	--	52	14	131	5	292	133	79	1.1	< .4	--	575	188	930	7.8	59.5	4.16	1.03
209	Ec	512	Feb. 6, 1969	23	--	57	12	128	5	290	111	78	.4	< .4	--	556	191	902	7.6	58.5	4.02	.95
302	Ec	649	Mar. 6, 1969	20	--	23	8	117	3	283	52	41	.4	< .4	.3	403	91	650	7.8	72.9	5.35	2.82
3 303	Ec	667	Apr. 4, 1930	23	.08	26	7.1	152	6.4	281	84	86	--	.12	--	523	95	--	--	76.2	6.78	2.71
2 304	Ec	601	Mar. 22, 1957	--	--	--	--	--	--	--	--	43	--	--	--	--	--	642	--	--	--	--
304	Ec	601	Mar. 6, 1969	21	--	27	9	109	3	282	49	46	.5	< .4	--	403	107	659	7.9	68.2	4.60	2.49
306	Ec	680	do	20	--	20	8	115	3	279	44	40	.6	< .4	--	387	85	624	7.9	73.8	5.42	2.89
310	Ec	540	July 2, 1969	34	--	67	10	103	5	273	115	76	1.0	< .4	--	544	210	860	7.5	50.8	3.08	.28
313	Ec	696	Mar. 6, 1969	21	--	22	9	111	3	284	49	40	.4	< .4	--	395	93	641	7.8	71.4	5.00	2.81
401	Ec	355	Aug. 22, 1969	35	--	68	15	87	5	251	81	92	.7	< .4	--	506	233	818	7.6	44.2	2.49	.00
406	Ec	297	Sept. 17, 1969	37	--	61	12	83	4	216	80	89	.5	< .4	--	472	201	746	7.4	46.8	2.55	.00
408	Ec	610	Mar. 12, 1969	34	--	73	13	159	5	292	199	103	.7	< .4	.7	729	237	1,094	7.6	58.6	4.48	.04
501	Ec	601	do	21	--	49	10	153	4	254	156	95	.6	< .4	--	613	164	961	8.0	66.5	5.22	.91
3 502	Ec	680	Feb. 22, 1957	--	--	--	--	--	--	294	--	128	--	--	--	--	152	1,140	8.1	--	--	--
601	Ec	640	Apr. 4, 1969	20	.3	53	13	174	5	254	200	117	.6	< .4	--	702	184	1,112	7.9	66.5	5.59	.34
602	Ec	601	do	18	.3	52	12	170	5	249	205	105	.5	< .4	--	689	181	1,080	7.8	66.4	5.51	.46
2 35-103	Ec	700	May 14, 1957	--	--	--	--	--	--	--	--	157	--	--	--	--	--	1,070	--	--	--	--
103	Ec	700	Mar. 13, 1969	16	--	27	7	166	4	262	107	95	.6	< .4	.3	546	94	872	7.9	78.6	7.67	2.43
3 401	Ec	1,000	Apr. 8, 1947	--	--	--	--	--	--	240	340	208	--	--	--	--	180	2,460	--	--	--	--

See footnotes at end of table.

DIMMIT COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

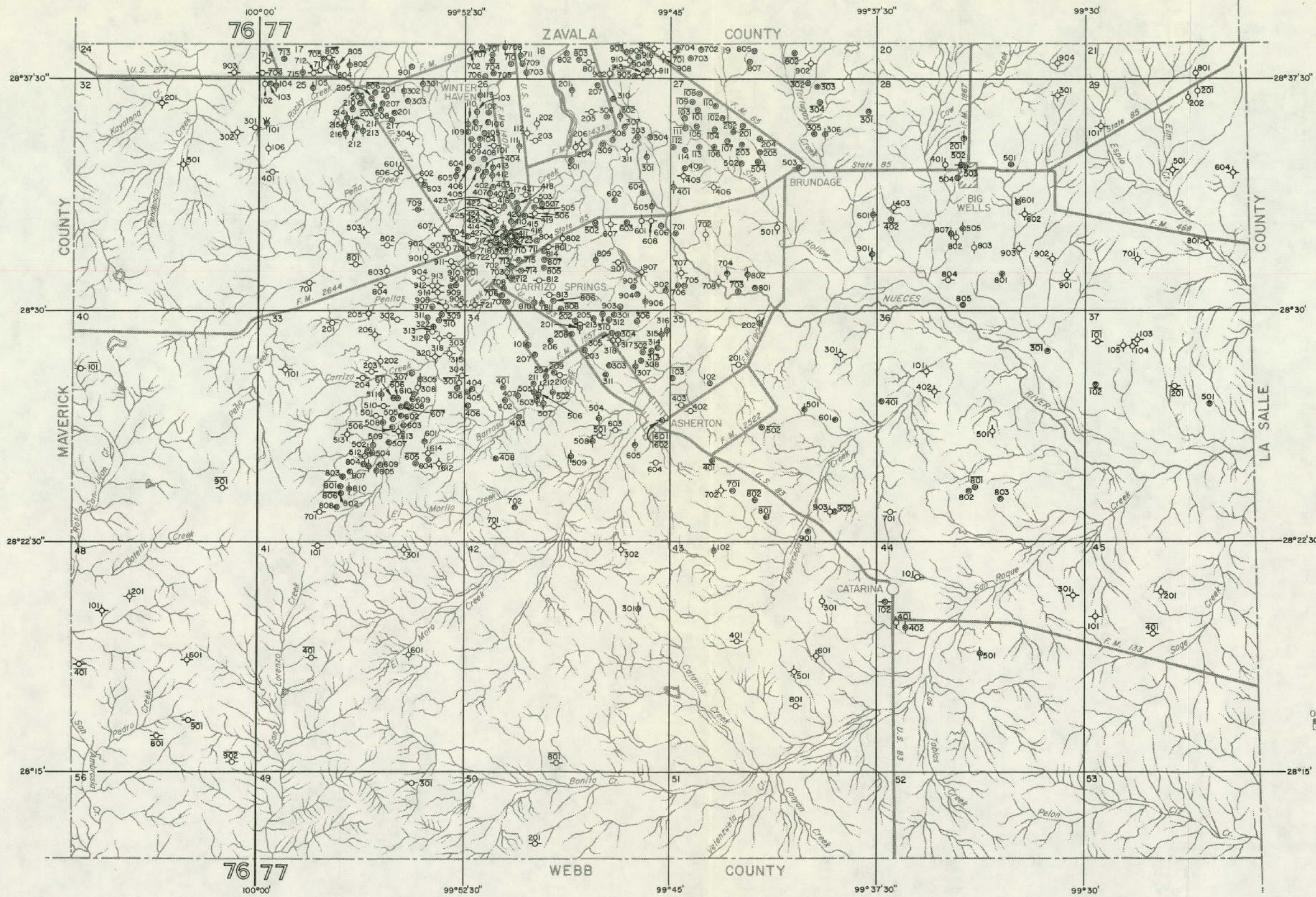
WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
HZ-77-35-403	Ec	706	Apr. 4, 1969	17	--	42	13	261	5	231	182	245	0.6	< 0.4	--	879	159	1,470	7.6	77.5	9.01	0.61
502	Ec	--	Apr. 8, 1969	17	--	17	7	160	4	266	86	91	.7	< .4	0.3	513	71	865	7.0	82.2	8.30	2.95
y 701	Ec, Bwi	1,021	May 23, 1930	23	0.09	35	11	207	7.0	242	195	148	--	.21	--	745	133	--	--	76.1	7.82	1.32
y 701	Ec, Bwi	1,021	Apr. 1943	--	--	72	37	* 726	--	280	558	780	--	--	--	2,310	332	--	--	82.6	17.34	.00
y 801	Ec, Bwi	1,081	June 25, 1945	--	--	17	9.9	* 136	--	299	50	51	--	.0	--	410	83	--	--	78.1	6.50	3.24
y 801	Ec, Bwi	1,081	July 19, 1957	--	--	--	--	--	--	--	--	445	--	--	--	--	--	2,290	--	--	--	--
801	Ec, Bwi	1,081	Apr. 30, 1969	14	--	84	40	1,500	9	240	670	1,990	1.0	< .4	2.2	4,425	375	6,620	7.8	89.4	33.59	.00
802	Ec, Bwi	1,300	Feb. 25, 1965	13	--	39	17	740	--	231	363	850	.7	< .4	--	2,136	167	3,630	7.8	90.6	24.87	.44
802	Ec, Bwi	1,300	July 23, 1965	15	--	28	9	231	--	226	178	165	.8	< .4	--	737	107	1,240	7.7	82.4	9.72	1.57
902	--	1,500	Apr. 10, 1969	16	--	23	9	229	4	227	179	169	.6	< .4	.4	741	94	1,250	7.8	83.4	10.28	1.84
y 36-301	Ec, Bwi	1,800	Dec. 7, 1938	--	--	--	--	--	--	378	111	165	--	.0	--	--	68	--	--	--	--	--
y 301	Ec, Bwi	1,800	Jan. 15, 1949	58	--	8.6	6.7	* 745	--	704	314	540	--	3.7	--	2,021	49	3,250	--	97.1	46.30	10.57
y 401	Ec	1,441	Apr. 10, 1957	--	--	--	--	--	--	--	--	67	--	--	--	--	--	788	--	--	--	--
y 801	Ec	1,419	Apr. 17, 1930	20	.04	9.5	4.2	195	4.8	205	102	116	--	.29	--	552	41	--	--	90.0	13.24	2.56
y 801	Ec	1,419	Mar. 26, 1957	--	--	--	--	--	--	--	--	140	--	--	--	--	--	1,030	--	--	--	--
y 37-101	Ec	1,770	Apr. 9, 1957	--	--	--	--	--	--	--	--	57	--	--	--	--	--	765	--	--	--	--
102	Ec	1,768	Apr. 10, 1969	20	--	12	6	147	3	282	73	59	.5	< .4	.3	459	56	761	7.9	84.3	8.59	3.51
y 201	Ec	1,710	Mar. 1913	--	--	--	--	--	--	280	67	48	--	--	--	--	94	--	--	--	--	--
y 201	Ec	1,710	Apr. 22, 1930	23	.54	11	5.8	153	4.6	282	72	60	--	.73	--	468	51	--	--	85.3	9.28	3.59
41-401	Ec, Bwi	375	Feb. 10, 1965	43	--	99	18	247	--	250	254	281	.7	< .4	.6	1,065	322	1,700	7.4	62.6	5.99	.00
y 42-801	Ec	1,374	Mar. 19, 1930	46	.15	22	10	201	8.8	248	243	71	--	.32	--	724	96	--	--	80.3	8.92	2.15
y 801	Ec	1,374	Mar. 14, 1957	--	--	--	--	--	--	--	--	5,150	--	--	--	--	--	16,100	--	--	--	--
y 801	Ec	1,374	Mar. 26, 1957	--	--	--	--	--	--	--	--	73	--	--	--	--	--	1,090	--	--	--	--
44-102	Bb, Ec	1,334	Apr. 9, 1969	16	.13	29	13	468	4	244	237	500	.6	< .4	.8	1,387	127	2,350	8.1	88.5	18.08	1.47
y 401	Bb, Ec	1,170	July 19, 1957	--	--	--	--	--	--	--	--	120	--	--	--	--	--	1,030	--	--	--	--
y 402	Ec	1,432	Apr. 17, 1930	14	.15	68	34	2,620	26	333	956	3,460	--	2.3	--	7,343	309	--	--	94.3	64.84	.00
y 45-401	Ec	2,040	July 19, 1957	--	--	--	--	--	--	--	--	114	--	--	--	--	--	979	--	--	--	--
y 49-301	Bb	220	July 20, 1961	--	.75	--	--	--	--	278	139	129	--	--	--	770	188	1,100	7.1	--	--	--

\* Sodium and potassium calculated as sodium (Na).  
 y Includes the equivalent of any carbonate (CO<sub>3</sub>) present.

LABORATORY CONDUCTING ANALYSIS:  
 U.S. Geological Survey Laboratory  
 Laboratory unknown

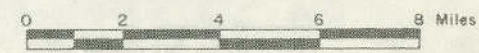
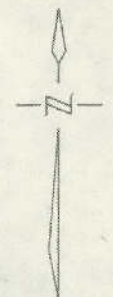






**EXPLANATION**

- ⊙ Public supply well
- ⊙ Industrial well
- ⊙ Irrigation well
- ⊙ Domestic or livestock well
- ⊙ Oil or gas well
- ⊙ Test hole
- ⊙ Unused or abandoned well
- Solid circle indicates flowing well
- ⊙ Line above well number indicates chemical analysis given in Table 4



Location of Selected Water, Oil, and Gas Wells in Dimmit County





PALO COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in remarks column.

Water level : Reported water levels given in feet; measured water levels given to the nearest tenth or hundredth of a foot.

Method of lift and type of power : A, afloat; C, cylinder; Cf, centrifugal; E, electric; G, gasoline, butane, or Diesel engine; H, hand; J, jet; N, none; Ng, natural gas; T, turbine; W, windmill. Number indicates horsepower.

Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.

Water-bearing unit : Kea, Edwards and associated limestones; Ewl, Wilcox Group; Co, Carrizo Sand; Er, Reklaw Formation; Egc, Queen City Sand; Sw, Washes Formation; Eb, Bigford Formation; Ecp, El Pico Clay; Es, Sparta Sand; Ll, Laredo Formation; Pcm, Comk Mountain Formation; Ky, Yegua Formation; Ej, Jackson Group; Mc, Catahoula Tuff; Mo, Oakville Sandstone; Mi, Legarto Clay; Qr, terrace gravel; Qal, alluvium.

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM-ETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* KB-68-57-201	Cloud O. Fargason	E. H. Cannon Drilling Co.	1963	237	12	237	Ec	620	99	May 1963	T, E 100	Irr	Slotted from 137 to 237 ft. Gravel packed. Top of Carrizo Sand 137 ft. Pump set at 100 ft. Reported yield of 734 gpm. Development test: Drawdown of 23 ft while pumping 1,505 gpm in May 1963. Temp. 80° F. <i>y</i>
202	do	--	1956	150	8	40	Ec	623	85	Nov. 1963	T, G 50	N	Open hole from 40 to 150 ft. Unused irrigation well. Reported yield of 500 gpm. <i>y</i>
203	Fair Oaks Ranch	Frazier and Upton Drilling Co.	1952	150	12	150	Ec	600	82	May 1952	N	N	Abandoned. <i>y</i>
301	J. E. Ingram	E. H. Cannon Drilling Co.	1964	237	12	237	Ec	638	109	Mar. 26, 1964	T, E 75	Irr	Slotted from 100 to 237 ft. Gravel packed. Top of Carrizo Sand 100 ft. Pump set at 140 ft. Development test: Drawdown of 30 ft while pumping 1,875 gpm on Mar. 26, 1964. <i>y</i>
401	Roy Akers	Clarence Homer Brown	1956	343	8	220	Ec	653	99 134.75	Oct. 8, 1963	T, P 125	Irr	Slotted from 113 to 220 ft. Open hole from 220 to 343 ft. Gravel packed. Top of Carrizo Sand 113 ft. Reported yield of 500 gpm. <i>y</i>
402	Galvin Casinero	--	1959	260	7	--	Ec	667	134.33 160.65	Nov. 30, 1960 Apr. 14, 1972	C, W	D, S	Observation well. <i>y y</i>
403	C. Messac	Frazier and Upton Drilling Co.	1952	359	7	359	Ec	663	159 164	Sept. 1, 1963 1968	T, B 40	D, Irr	Slotted from 339 to 359 ft. Pump set at 200 ft. Reported yield of 350 gpm. <i>y</i>
404	Domingo Ordolas	E. H. Cannon Drilling Co.	1956	480	12	480	Ec	632	111	Nov. 4, 1963	T, G 150	S, Irr	Development test: Drawdown of 84 ft while pumping 1,751 gpm in May 1956. <i>y</i>
405	Jimmie Zimmerman	do	1964	429	13	429	Ec	605	96	Feb. 1964	T, E 75	Irr	Slotted from 229 to 429 ft. Top of Carrizo Sand 175 ft. Pump set at 180 ft. Development test: Drawdown of 46 ft while pumping 1,104 gpm in Feb. 1964. <i>y</i>
406	Grady H. Harrison	Favor Drilling Co.	1964	330	12	330	Ec	620	116	Feb. 6, 1964	T, G	Irr	Slotted from 217 to 330 ft. Cemented from 212 ft to surface. Top of Carrizo Sand 192 ft. Pump set at 140 ft. Development test: Drawdown of 52 ft while pumping 1,893 gpm on Feb. 6, 1964. <i>y y</i>
407	Jack Winkler	do	1963	390	12	321	Ec	680	160	Dec. 5, 1963	T, E 125	Irr	Slotted from 223 to 321 ft. Open hole from 321 to 390 ft. Pump set at 230 ft. Development test: Drawdown of 37 ft while pumping 1,613 gpm on Dec. 5, 1963. <i>y</i>
408	Roy Akers	do	1964	372	13	372	Ec	640	130	Mar. 13, 1964	T, C 100	S, Irr	Development test: Drawdown of 39 ft while pumping 2,151 gpm on Mar. 13, 1964. <i>y</i>
501	Fair Oaks Ranch	Frazier and Upton Drilling Co.	1951	150	12	150	Ec	611	68	Sept. 2, 1951	T, G 150	Irr	Slotted from 98 to 150 ft. Top of Carrizo Sand 98 ft. Pump set at 100 ft. Development test: Drawdown of 34 ft while pumping 1,904 gpm on Sept. 2, 1951. <i>y</i>
502	do	do	1951	150	12	150	Ec	642	68	Sept. 18, 1961	T, C 151	S, Irr	Slotted from 98 to 150 ft. Top of Carrizo Sand 98 ft. Development test: Drawdown of 33 ft while pumping 1,722 gpm on Sept. 18, 1951. <i>y</i>
503	do	do	1951	150	12	150	Ec	620	70	Oct. 2, 1951	T, C 150	Irr	Slotted from 100 to 150 ft. Top of Carrizo Sand 100 ft. Development test: Drawdown of 31 ft while pumping 1,766 gpm on Oct. 2, 1951. <i>y</i>
504	do	do	1952	150	12	--	Ec	605	180	June 1952	T, G 150	Irr	Development test: Drawdown of 40 ft while pumping 2,208 gpm in 1952. <i>y</i>

See footnotes at end of table.

FRIO COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM-ETRS (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
KB-66-57-505	W. W. Thompson	Thompson Water Well Service	1963	170	4	170	Ec	605	71 99.45	Feb. 1963 Apr. 7, 1972	Sub, P	S	Slotted from 150 to 170 ft. Observation well. <i>y y y</i>
506	Fair Oaks Ranch	E. N. Cannon Drilling Co.	1963	252	16	252	Ec	630	94	May 1963	T, G 125	Irr	Slotted from 80 to 252 ft. Top of Carrizo Sand 80 ft. Pump set at 150 ft. Development test: Drawdown of 24 ft while pumping 1,392 gpm in May 1963. <i>y</i>
* 508	Floyd Newman	do	1964	296	12	290	Ec	610	87	Oct. 1964	T, E 50	Irr	Slotted from 90 to 290 ft. Gravel packed. Top of Carrizo Sand 90 ft. Pump set at 160 ft. Reported yield 606 gpm. Development test: Drawdown of 32 ft while pumping 2,073 gpm in Oct. 1964. Temp. 80°F. <i>y</i>
509	Fair Oaks Ranch	--	--	--	--	--	Ec	610	111.40	Oct. 8, 1969	T, E 50	Irr	Gravel packed.
* 601	Edward Mann	--	1954	403	12	403	Ec	655	118	Jan. 20, 1954	T, C 250	Irr	Screened from 229 to 403 ft. Top of Carrizo Sand 229 ft. Development test: Drawdown of 57 ft while pumping 1,850 gpm on Jan. 20, 1954. Temp. 85°F. <i>y</i>
602	J. L. Mekulik	--	1956	550	10	550	Ec	638	114 143.8	Apr. 12, 1956 Nov. 1, 1963	T, G 125	Irr	Pump set at 160 ft. Reported yield 700 gpm. Development test: Drawdown of 51 ft while pumping 2,010 gpm on Apr. 12, 1956. <i>y</i>
603	Calvin C. Boyd	Frazier and Upton Drilling Co.	1955	550	12	270	Ec	635	85 177.37	Apr. 1956 Oct. 3, 1969	T, G 125	Irr	Open hole from 270 to 550 ft. Top of Carrizo Sand 270 ft. Pump set at 200 ft. Development test: Drawdown of 55 ft while pumping 2,500 gpm in Apr. 1954. <i>y</i>
604	T. N. Clowka	Favor Drilling Co.	1962	437	10 8	205 340	Ec	672	170	Oct. 30, 1963	T, E 40	Irr	Open hole from 340 to 437 ft. Cemented from 288 ft to surface. Pump set at 200 ft. Reported yield 350 gpm. Development test: Drawdown of 15 ft while pumping 806 gpm on Jan. 10, 1963. <i>y</i>
605	C. A. Pfeiffer	Frazier and Upton Drilling Co.	1957	550	12	550	Ec	655	170	Oct. 1963	T, C 100	Irr	Slotted from 450 to 550 ft. Pump set at 240 ft. <i>y</i>
606	O. E. Brotheman	Smyrl Drilling Co.	1964	380	14	380	Ec	661	184.74	Oct. 3, 1969	T, C 100	Irr	Slotted from 280 to 380 ft. <i>y</i>
607	Will Radeler	Olaf L. Boone	1958	480	8	480	Ec	615	105	1958	T, G	Irr	Reported yield of 550 gpm. <i>y</i>
609	H. P. Bradford	Frazier and Upton Drilling Co.	1962	500	10	500	Ec	665	--	--	T, E 75	Irr	Oil test plugged back to 500 ft and converted to water well. <i>y</i>
610	Ernst Weiser	Smyrl Drilling Co.	1964	480	14	480	Ec	670	130	Feb. 1964	T, G	Irr	Slotted from 380 to 480 ft. Pump set at 200 ft. Development test: Drawdown of 28 ft while pumping 1,800 gpm. <i>y</i>
611	-- Faber	A. W. Heine	1956	372	8	270	Ec	705	168 204.18	Oct. 1956 6, 1969	T, G 75	S	Open hole from 270 to 372 ft. Pump set at 240 ft. Reported yield of 350 gpm. <i>y</i>
* 612	Aldridge Nursery	Frazier and Upton Drilling Co.	1962	280	12	168	Ec	722	205	Sept. 1962	T, E 60	Irr	Open hole from 168 to 280 ft. Top of Carrizo Sand 141 ft. Pump set at 240 ft. Reported yield 615 gpm. Development test: Drawdown of 35 ft while pumping 1,386 gpm on July 11, 1962. Temp. 80°F. <i>y</i>
* 613	do	Adcock Pipe and Supply Co.	1963	300	12	219	Ec	700	163	Dec. 1963	T, E 60	Irr	Slotted from 66 to 219 ft. Top of Carrizo Sand 140 ft. Pump set at 220 ft. Reported yield of 252 gpm. Development test: Drawdown of 44 ft while pumping 1,786 gpm on Dec. 11, 1963. Temp. 80°F. <i>y y</i>
615	Fair Oaks Ranch	Frazier and Upton Drilling Co.	1952	150	12	150	Ec	641	--	--	T, G 151	Irr	<i>y</i>

See footnotes at end of table.



PRIO COUNTY

Table 1. -- Records of Selected Water Wells -- Continund

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF T&PT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
XB-6B-57-616	Kenneth Cox	Savor Drilling Co.	1963	300	12	300	Ec	660	125 182.80	June 1963 Apr. 14, 1972	Sub, E	D, S	Slotted from 120 to 300 ft. Gravel packed. Reported yield of 800 gpm. Development test: Drawdown of 21 ft while pumping 1,512 gpm for 6 hours in June 1963. Observation well. <i>y/y</i>
* 619	Aldridge Nursery	Lawrence and Joe Swierc	1968	416	12	416	Ec	732	--	--	T, E 60	Irr	Slotted from 196 to 412 ft. Pump set at 250 ft. Reported yield of 488 gpm. Development test: Drawdown of 33 ft while pumping 1,700 gpm for 8 hours in Dec. 1968. Temp. 80°F. <i>y</i>
701	J. E. Berry	R. Graham	1910	720	8	--	Ec	578	10 73.32	Apr. 14, 1929 Apr. 14, 1972	N	N	Well 24 in Water-Supply Paper 676. Observation well. <i>y/y</i>
702	do	--	--	--	--	--	--	570	30.42 31.11	July 22, 1952 Apr. 13, 1955	N	N	Historical observation well measured from 1952 to 1955. <i>y</i>
+ 801	Siebert and Nelms	Alfred Mann Water Wells	1926	190	5	190	Ec	568	44.0 41.88	1929 July 21, 1949	C, W	D, S	Historical observation well. <i>y</i>
802	Jim Prue	--	1935	580	8	--	Ec	600	53 124.95	Apr. 1956 Nov. 7, 1969	T, C 75	S, Irr	Perforated. <i>y</i>
804	M. R. Chiles	Monte Higdon Water Well Drilling	1957	725	8 7	350 566	Ec	605	95 150	Feb. 1957 Sept. 1963	T, Ng 45	S, Irr	Open hole from 566 to 725 ft. Top of Carrizo Sand 550 ft. Pump set at 180 ft. <i>y</i>
805	Tate Ranch	do	1963	867	12 8	400 600	Ec	605	135	Mar. 1963	T, Ng 100	Irr	Open hole from 600 to 867 ft. Top of Carrizo Sand 600 ft. Pump set at 170 ft. Development test: Drawdown of 47 ft while pumping 1,685 gpm on Mar. 18, 1963. <i>y</i>
* 806	Jim Prue	Strickers Water Well Service	1969	440	8	440	Ec	560	--	--	Sub, E 2	D, S	Slotted from 380 to 440 ft. Cemented from 380 ft to surface. Pump set at 145 ft. Temp. 70°F. <i>y</i>
+ 901	Aldridge Nursery	Frazier and Upton Drilling Co.	1956	720	12	360	Ec	631	128.02 115.94	Nov. 29, 1960 Apr. 14, 1972	T, Ng 125	Irr	Open hole from 360 to 720 ft. Top of Carrizo Sand 607 ft. Pump set at 175 ft. Reported yield of 271 gpm. Development test yielded 1,985 gpm. Temp. 84°F. Observation well. <i>y/y</i>
* 902	do	do	1954	600	--	--	Ec	638	117 120	Apr. 1956 Oct. 31, 1963	T, Ng	Irr	Top of Carrizo Sand 545 ft. Pump set at 175 ft. Reported yield of 460 gpm. Development test: Drawdown of 25 ft while pumping 2,165 gpm. Temp. 80°F. <i>y</i>
903	A. E. Willms	do	1955	519	12 8	133 354	Ec	632	105	Feb. 19, 1955	N	N	Open hole from 354 to 519 ft. Top of Carrizo Sand 335 ft. Development test: Drawdown of 55 ft while pumping 1,802 gpm on Feb. 19, 1955. <i>y/y</i>
904	Sam Curtis	Sam Curtis	1960	600	12	600	Ec	633	160	Nov. 1961	T, Ng 250	Irr	Reported yield of 800 gpm. <i>y</i>
905	R. O. Rundley, Jr.	Monte Higdon Water Well Service	1957	671	12	407	Ec	605	114 123.9	Dec. 1957 Oct. 30, 1963	T, Ng 100	S, Irr	Open hole from 407 to 671 ft. Cemented from 407 ft to surface. Top of Carrizo Sand 418 ft. Reported yield of 1,050 gpm. Development test: Drawdown of 46 ft while pumping 2,314 gpm on Dec. 16, 1957. <i>y</i>
906	do	do	1957	815	12	550	Ec	611	108 125 176.55	Nov. 1957 Oct. 1963 Oct. 3, 1969	T, G 151	Irr	Open hole from 550 to 815 ft. Cemented from 550 ft to surface. Top of Carrizo Sand 556 ft. Reported yield of 1,010 gpm. Development test: Drawdown of 37 ft while pumping 2,538 gpm on Nov. 6, 1957. <i>y</i>
* 907	M. R. Chiles	do	1956	775	8 7	300 550	Ec	634	95 150	Dec. 1956 Sept. 1963	T, C 45	Irr	Open hole from 550 to 775 ft. Top of Carrizo Sand 533 ft. Pump set at 180 ft. Reported yield of 385 gpm. Temp. 85°F. <i>y</i>
908	Sam Curtis	Sam Curtis	1946	300	12	300	Ngc	601	75	Nov. 1963	T	N	Unused irrigation well since 1955. <i>y</i>

See footnotes at end of table.

FRIO COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER PEARLING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* XB-68-57-910	M. R. Clifton	Monte Higdon Water Well Service	1956	750	10 8	300 550	Ec	620	90 170	Apr. July 1956 1964	T, Mg	Irr	Open hole from 550 to 750 ft. Pump set at 180 ft. Reported yield of 385 gpm. Temp. 85°F. <i>y</i>
911	do	do	1956	855	8 7	354 654	Ec	618	95 150	Dec. Sept. 1956 1963	T, Mg 75	S, Irr	Open hole from 654 to 855 ft. Top of Carrizo Sand 655 ft. Pump set at 180 ft. Reported yield of 600 gpm. <i>y</i>
* 913	John Willms	Olaf L. Beano	1966	532	20 12	45 532	Pc	632	167 203.8	Oct. July 19, 1969	T, G 82	Irr	Slotted from 333 to 532 ft. Cemented from 333 ft. to surface. Pump set at 240 ft. Reported yield of 816 gpm. Development test: Drawdown of 23 ft while pumping 1,400 gpm for 16-1/2 hours in 1966. Temp. 82°F. <i>y</i>
58-108	Elmer Littleton	--	--	--	12	--	Ec	625	--	--	T, G 190	Irr	Gravel packed.
* 401	C. E. Thomas and C. W. Franter	--	1919	115	4	--	Ec	600	100	June 1932	C, W	N	Well 29 in Water-Supply Paper 676. Unused industrial well. <i>y</i>
* 403	N. E. Walton	E. H. Cannon Drilling Co.	1963	300	12	300	Ec	625	108	Apr. 1963	T, G 109	Irr	Slotted from 200 to 300 ft. Gravel packed. Top of Carrizo Sand 200 ft. Pump set at 160 ft. Reported yield of 825 gpm. Development test: Drawdown of 37 ft while pumping 1,693 gpm in Apr. 1963. Temp. 80°F. <i>y</i>
404	J. L. Rohmer	do	1964	425	12	425	Ec	609	--	--	T, E 100	Irr	Slotted from 225 to 425 ft. Top of Carrizo Sand 225 ft. <i>y</i>
408	Edward Mann	--	--	--	--	--	Pc	665	--	--	T, E 125	Irr	Temp. 81°F.
409	L. B. Horn	E. H. Cannon Drilling Co.	1955	612	12	605	Ec	620	--	--	T, G 172	Irr	Slotted from 312 to 456 ft. Top of Carrizo Sand 312 ft. Pump set at 220 ft.
501	R. Kuykendall	do	1965	352	12	352	Pc	682	--	--	--	Irr	Slotted from 202 to 352 ft. Top of Carrizo Sand 190 ft. <i>y</i>
* 503	Rio Vista Farms	do	1962	399	20	302	Ec	605	103	Apr. 1962	T, R 50	Irr	Slotted from 262 to 302 ft. Open hole from 302 to 399 ft. Top of Carrizo Sand 260 ft. Reported yield of 480 gpm. Development test: Drawdown of 29 ft while pumping 989 gpm in Apr. 1962. Temp. 82°F. <i>y</i>
* 904	do	--	1962	300	6	250	Pc	599	--	--	Sub. E 15	D, S	Open hole from 250 to 300 ft. Temp. 82°F. <i>y</i>
* 905	do	E. H. Cannon Drilling Co.	1963	474	10	400	Ec	588	90	Feb. 1963	T, E 50	Irr	Slotted from 350 to 400 ft. Open hole from 400 to 474 ft. Top of Carrizo Sand 350 ft. Reported yield of 431 gpm. Development test: Drawdown of 30 ft while pumping 1,114 gpm on Feb. 21, 1963. Temp. 80°F. <i>y</i>
* 906	J. E. Ingram	do	1963	636	12	550	Ec	611	118 177.40	Mar. Apr. 17, 1972	T, G 125	Irr	Slotted from 430 to 550 ft. Open hole from 550 to 636 ft. Top of Carrizo Sand 350 ft. Reported yield of 642 gpm. Development test: Drawdown of 40 ft while pumping 1,650 gpm on Mar. 19, 1963. Temp. 82°F. Observation well. <i>y</i>
* 907	Marshall Hays	do	1963	457	12	402	Ec	570	82	Aug. 1963	T, E 60	Irr	Slotted from 250 to 402 ft. Open hole from 402 to 457 ft. Top of Carrizo Sand 250 ft. Development test: Drawdown of 6 ft while pumping 1,424 gpm on Aug. 23, 1963. Temp. 82°F. <i>y</i>
* 908	Rio Vista Farms	do	1964	466	12	445	Pc	589	97	Feb. 1964	T, E 50	Irr	Slotted from 345 to 445 ft. Open hole from 445 to 466 ft. Top of Carrizo Sand 345 ft. Reported yield of 425 gpm. Development test: Drawdown of 17 ft while pumping 1,002 gpm in Feb. 1964. Temp. 80°F. <i>y</i>

See footnotes at end of table.

FRIO COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* KR-68-58-509	J. E. Ingram	E. H. Cannon Drilling Co.	1964	650	12	610	Ec	569	82 105.74	Jan. 1965 Jan. 1969	T, G 125	Irr	Slotted from 460 to 610 ft. Open hole from 610 to 650 ft. Top of Carrizo Sand 460 ft. Reported yield of 392 gpm. Development test: Drawdown of 49 ft while pumping 2,152 gpm on Jan. 7, 1965. Temp. 82°F. <i>y</i>
701	Mrs. Gladys Boyd	do	1962	657	12 10	250 657	Ec	640	90 141	Mar. 1962 Sept. 1963	T, G 70	S, Irr	Slotted from 350 to 657 ft. Top of Carrizo Sand 350 ft. Reported yield of 1,000 gpm. Temp. 80°F. <i>y</i>
702	Bernard Crimus	Lawrence and Joe Suierc	1963	592	10	592	Ec	661	183	1963	T, E 75	Irr	Slotted from 462 to 592 ft. Cemented from 458 ft. to surface. Development test: Drawdown of 24 ft while pumping 1,082 gpm. <i>y</i>
* 704	William Page	Blount Drilling	1968	720	12 10 7	390 680 720	Ec	655	206.82	Oct. 9, 1969	T, G 160	S, Irr	Slotted from 520 to 720 ft. Cemented from 500 ft. to surface. Pump set at 280 ft. Development test: Drawdown of 14 ft while pumping 1,668 gpm in 1968. Temp. 82°F.
801	Miss Ann Burns	Monte Higdon Water Well Drilling	--	840	8 7	-- 840	Ec	652	138.20 139.06	Nov. 29, 1960 Dec. 17, 1962	Sub, E	S	Historical observation well. <i>y</i>
802	Cerardo Santos	Olaf L. Roone	1952	614	8 5	300 614	Ec	615	100 170.8	Oct. 3, 1969	T, G 50	Irr	Reported yield of 1,190 gpm. <i>y</i>
* 69-61-001	O. W. Machen	E. H. Cannon Drilling Co.	1946	260	11	260	Ec	700	85.18 99.36	July 12, 1951 Apr. 14, 1955	T, G 125	Irr	Slotted from 154 to 260 ft. Top of Carrizo Sand 154 ft. Pump set at 220 ft. Reported yield of 1,500 gpm. Historical observation well. <i>y</i>
902	do	--	1925	227	5	227	Ec	699	84.4 120.58	Jan. 16, 1929 1958	C, W	D, S	Well 1 in Water-Supply Paper 676. Historical observation well. <i>y</i>
903	do	E. H. Cannon Drilling Co.	1962	378	16	378	Ec, Ewi	700	155	Mar. 1965	T, G 199	Irr	Slotted from 220 to 378 ft. Top of Carrizo Sand 220 ft. Pump set at 220 ft. Reported yield of 2,000 gpm. <i>y</i>
904	do	do	1962	425	16	425	Ec, Ewi	700	155	do.	T, G 199	Irr	Slotted from 200 to 425 ft. Top of Carrizo Sand 200 ft. Pump set at 280 ft. Reported yield of 2,000 gpm. <i>y</i>
905	Harold Johnson	J. W. Hickeys	1960	325	16	325	Ec, Ewi	720	132 147	Apr. 1960 May 1965	T, G 131	Irr	Pump set at 180 ft. Development test: Drawdown of 32 ft while pumping 2,134 gpm in Apr. 1960. <i>y</i>
906	J. R. Hiler	E. H. Cannon Drilling Co.	1964	338	16	338	Ec, Ewi	728	148 182.80	Feb. 1964 Apr. 13, 1972	T, G 151	Irr	Slotted from 130 to 338 ft. Top of Carrizo Sand 130 ft. Development test: Drawdown of 25 ft while pumping 1,960 gpm in Feb. 1964. observation well. <i>y</i>
908	Tom P. Harris	do	1965	440	14	440	Ec, Ewi	675	--	--	T, E 100	Irr	Slotted from 230 to 440 ft. Top of Carrizo Sand 230 ft. Pump set at 240 ft. <i>y</i>
909	do	do	1965	454	14	454	Ec, Ewi	670	--	--	T, E 100	Irr	Slotted from 345 to 454 ft. Top of Carrizo Sand 345 ft. Pump set at 240 ft. <i>y</i>
910	do	-- Burch	1965	520	14 12 10	-- 410 520	Ec, Ewi	670	88.08	Feb. 1, 1965	T, E 100	Irr	Slotted from 410 to 520 ft. Pump set at 240 ft. <i>y</i>
914	James H. Hiler	E. H. Cannon Drilling Co.	--	--	--	--	Ec	710	--	--	T, E 151	Irr	--
915	O. W. Machen	do	--	--	16	--	Ec	698	--	--	T, G 199	Irr	Slotted. Pump set at 220 ft.
916	Tom P. Harris	do	1965	339	14	339	Ec	690	--	--	T, E 100	Irr	Slotted from 178 to 339 ft. Top of Carrizo Sand 188 ft. Pump set at 240 ft. <i>y</i>

See footnotes at end of table.

## FRIO COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
KB-69-62-401	Tom P. Harris	E. H. Cannon Drilling Co.	1965	334	14	334	Ec	675	--	--	T, E 100	Irr	Slotted from 183 to 334 ft. Top of Carrizo Sand 146 ft. Pump set at 240 ft.
501	John B. McMahan	--	--	137	6	137	Ec	657	60 60.99 88.1	July 20, 1929 Feb. 1, 1965	C, W	D, S	Well 2 in Water-Supply Paper 676. Historical observation well. <i>y</i>
502	G. A. Blackaller	Lefevre and Storey	--	--	12	--	--	688	80.59 91.70	July 12, 1951 Apr. 14, 1955	N	N	Well 3 in Water-Supply Paper 676. Oil test drilled to 3,005 ft., plugged back, and converted to water well. Historical observation well. <i>y</i>
503	do	--	--	--	6	--	--	698	89.16 103.85	July 12, 1951 Jan. 16, 1958	C, W	S	Historical observation well. <i>y</i>
504	H. D. Harrison, Inc.	E. H. Cannon Drilling Co.	1964	393	12	393	Ec, Ewi	645	115	Oct. 1964	T, G 151	Irr	Slotted from 190 to 393 ft. Top of Carrizo Sand 190 ft. Pump set at 240 ft. Development test: Drawdown of 21 ft while pumping 1,001 gpm in Oct. 1964. <i>y</i>
506	John B. McMahan	B. and L. Drilling Co.	1968	158	--	--	Ec	657	100 105.55	Apr. 4, 1969 Mar. 24, 1970	Sub, E 3/4	D, S	Observation well. <i>y</i>
601	F. R. Rutherford	--	--	--	5	--	Ec	698	100 194.64	1929 Apr. 13, 1972	C, W	S	Well 6 in Water-Supply Paper 676. Observation well. <i>y</i>
701	Frio Grain and Cotton Co.	Johnson Drilling and Supply Co.	1943	616	10 8 7	110 302 616	Ec, Ewi	655	62	Mar. 1943	T, E 2	D, S	Slotted from 319 to 429 ft and 494 to 520 ft. <i>y</i>
702	do	McKinley Drilling Co.	1951	623	20	680	Ec, Ewi	668	95 200 193.96	Dec. 1, 1951 Nov. 1963 Oct. 24, 1969	T, E 125	Irr	Screened from 425 to 623 ft. Top of Carrizo Sand 400 ft. Pump set at 300 ft. Reported yield of 850 gpm. Development test yielded 3,200 gpm in Dec. 1951. <i>y</i>
703	do	E. H. Cannon Drilling Co.	1952	645	20 12	480 645	Ec, Ewi	760	90 183.99	Apr. 1956 Mar. 24, 1970	T, E 100	Irr	Slotted from 420 to 645 ft. Top of Carrizo Sand 420 ft. Pump set at 300 ft. Reported yield of 800 gpm. Observation well. <i>y</i>
704	do	do	1954	545	12 10	430 545	Ec	657	123	Apr. 1956	T, G 150	Irr	Slotted from 430 to 545 ft. Top of Carrizo Sand 430 ft. Pump set at 280 ft. Reported yield of 850 gpm. Development test: Drawdown of 37 ft while pumping 1,400 gpm. <i>y</i>
705	do	--	1961	650	14	450	Ec, Ewi	662	200	Nov. 1963	T, G 175	Irr	Open hole from 450 to 650 ft. Pump set at 300 ft. Reported yield of 1,000 gpm. Development test: Drawdown of 41 ft while pumping 1,465 gpm on Nov. 8, 1963. <i>y</i>
706	Frio Grain and Cotton Co.	--	1955	500	12	500	Ec	656	--	--	T, E 125	Irr	Slotted from 250 to 500 ft. Pump set at 250 ft. Reported yield of 1,000 gpm. Temp. 78°F. <i>y</i>
707	do	E. H. Cannon Drilling Co.	1967	600	12	400	Ec	667	155.60	Oct. 24, 1969	T, G 150	Irr	Open hole from 400 to 600 ft. Pump set at 300 ft. Reported yield of 1,000 gpm.
708	Tom P. Harris	do	1964	470	14	470	Ec	698	148.00	Sept. 3, 1964	T, E 100	Irr	Slotted from 274 to 470 ft. Top of Carrizo Sand 274 ft. Pump set at 240 ft. <i>y</i>
709	do	do	1964	472	14	472	Ec	692	153.52	do.	T, E 100	Irr	Slotted from 276 to 470 ft. Top of Carrizo Sand 276 ft. Pump set at 240 ft. Development test: Drawdown of 37 ft while pumping 1,693 gpm in 1964. <i>y</i>
710	do	do	1964	472	14	472	Ec	690	170	Sept. 1964	T, E 100	Irr	Slotted from 294 to 472 ft. Top of Carrizo Sand 294 ft. Pump set at 240 ft. Development test: Drawdown of 53 ft while pumping 1,560 gpm in Sept. 1964. <i>y</i>

See footnotes at end of table.

FRIO COUNTY

Table 1. -- Records of Released Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
KB-69-62-711	Tom P. Harris	E. H. Cannon Drilling Co.	1964	413	14	413	Ec	660	--	--	T, E 100	Irr	Slotted from 176 to 413 ft. Top of Carrizo Sand 176 ft. Pump set at 240 ft. <i>y</i>
712	do	do	1964	424	14	424	Ec	675	--	--	T, E 100	Irr	Slotted from 245 to 424 ft. Top of Carrizo Sand 245 ft. Pump set at 240 ft. <i>y</i>
713	do	do	1964	450	14	450	Ec	700	--	--	T, E 100	Irr	Slotted from 262 to 450 ft. Top of Carrizo Sand 262 ft. Pump set at 240 ft. <i>y</i>
714	do	do	1965	502	14	502	Ec	675	--	--	T, E 100	Irr	Perforated from 345 to 502 ft. Top of Carrizo Sand 345 ft. Pump set at 240 ft. <i>y</i>
715	do	do	1965	532	12	532	Ec	675	--	--	T, E 100	Irr	Slotted from 406 to 532 ft. Top of Carrizo Sand 406 ft. Pump set at 240 ft. <i>y</i>
716	do	do	1965	532	14	532	Ec	670	--	--	T, E 100	Irr	Slotted from 412 to 532 ft. Top of Carrizo Sand 412 ft. Pump set at 240 ft. <i>y</i>
717	H. D. Harrison, Inc.	do	1965	462	12	462	Ec	625	745	Jan. 1965	T, G 151	Irr	Slotted from 260 to 462 ft. Top of Carrizo Sand 260 ft. Pump set at 280 ft. Development test: Drawdown of 63 ft while pumping 2,096 gpm in Jan. 1965. <i>y</i>
718	Tom P. Harris	do	1965	382	14	382	Ec	675	145	Mar. 17, 1965	T, E 100	Irr	Slotted from 169 to 372 ft. Pump set at 240 ft. Development test: Drawdown of 32 ft while pumping 2,010 gpm in Mar. 1965.
720	do	do	1965	442	14	442	Ec	700	--	--	T, E 100	Irr	Slotted from 191 to 430 ft. Top of Carrizo Sand 170 ft. Pump set at 240 ft. <i>y</i>
721	do	do	1965	365	14	365	Ec	670	--	--	T, E 100	Irr	Slotted from 215 to 365 ft. Top of Carrizo Sand 168 ft. Pump set at 240 ft. <i>y</i>
723	do	do	1965	400	14	400	Ec	680	--	--	T, E 100	Irr	Slotted from 198 to 400 ft. Top of Carrizo Sand 229 ft. Pump set at 240 ft. Development test: Drawdown of 33 ft while pumping 2,010 gpm on Mar. 17, 1965. <i>y</i>
* 801	Roberts Hauch	--	1909	197	6	--	Ec	626	52 61.00	1929 Feb. 13, 1962	N	N	Well 9 in Water-Supply Uaper 676. Historical observation well. <i>y</i>
* 803	do	--	--	208	5	--	Ec	617	82.03 96.95	July 20, 1949 Jan. 16, 1958	C, W	D, S	Historical observation well. <i>y</i>
901	E. R. Rutherford	E. H. Cannon Drilling Co.	1956	831	12	622	Ec	630	87 102 135.73	Feb. 1956 Feb. 1957 Oct. 15, 1969	T, R 60	Irr	Slotted from 472 to 622 ft. Open hole from 622 to 831 ft. Top of Carrizo Sand 474 ft. Pump set at 150 ft. Development test: Drawdown of 35 ft while pumping 2,314 gpm in Feb. 1956. <i>y</i>
902	do	do	1957	717	12	550	Ec	610	102 173.90	Feb. 1957 May 4, 1971	T, E 75	Irr	Slotted from 402 to 550 ft. Open hole from 550 to 715 ft. Top of Carrizo Sand 391 ft. Development test: Drawdown of 48 ft while pumping 1,702 gpm in Feb. 1957. Observation well. <i>y</i>
63-303	J. Wesley Ward	Clarence Homer Brown	1965	200	12	200	Ec	631	117.1	Oct. 1, 1969	T, G 100	Irr	Slotted from 70 to 200 ft. Gravel packed. Pump set at 170 ft.
601	H. W. Eschenberg	Alfred Mann Water Wells	1953	184	10	160	Ec	628	80 90	1953 Oct. 1964	T, E 60	Irr	Oil test converted to water well. Perforated from 130 to 160 ft. Open hole from 160 to 184 ft. Reported yield of 1,200 gpm. <i>y</i>
602	Duke Wilson	do	1952	182	12	75	Ec	619	60 83	1952 Apr. 1956	T, F 40	S, Irr	Open hole from 75 to 182 ft. Development test: Drawdown of 25 ft while pumping 1,600 gpm. Temp. 76°F. <i>y</i>

See footnotes at end of table.

## FRIO COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	CASING			WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USR OF WATER	REMARKS
				DEPTH OF WELL (ft)	DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
KB-69-63-603	Duke Wilson	Clarence Homer Brown	1964	200	12	170	Ec	614	110.08	Sept. 30, 1969	T, C 50	Irr	Open hole from 170 to 200 ft. <i>y</i>
* 604	Burford Allen	Alfred Mann Water Wells	1956	233	10	221	Ec	630	83 105 148.35	Apr. 1956 1963 Oct. 1, 1969	T, C 125	D, S Irr	Open hole from 221 to 233 ft. Top of Carrizo Sand 217 ft. Pump set at 170 ft. Temp. 86°F. <i>y</i>
* 605	Pepper Brothers	E. H. Cannon Drilling Co.	1962	300	12	175	Ec	632	112.20 113.35	do. Apr. 7, 1972	T, G 50	Irr	Open hole from 175 to 300 ft. Top of Carrizo Sand 175 ft. Temp. 79°F. Observation well. <i>z y</i>
606	do	do	1962	250	8	175	Ec	631	--	--	T, G 50	Irr	Open hole from 175 to 250 ft. Top of Carrizo Sand 175 ft. <i>y</i>
607	Duke Wilson	Clarence Homer Brown	1964	200	12	170	Ec	610	118.95	Sept. 30, 1969	T, C 50	S, Irr	Open hole from 170 to 200 ft. <i>y</i>
801	W. B. Willbeck	E. H. Cannon Drilling Co.	1963	638	12	638	Ec	638	118	Apr. 17, 1963	T, E 75	Irr	Slotted from 340 to 638 ft. Top of Carrizo Sand 340 ft. Development test: Drawdown of 40 ft while pumping 1,256 gpm on Apr. 17, 1963. <i>y</i>
802	C. C. Carter	-- Hankerson	1958	640	16 12	-- 640	Ec	621	103	Dec. 4, 1958	T, E 75	Irr	Pump set at 200 ft. Development test: Drawdown of 97 ft while pumping 1,750 gpm on Dec. 4, 1958. <i>y</i>
804	do	--	--	--	--	--	Ec	641	149.8	Oct. 2, 1969	T, E 100	Irr	--
901	W. H. Cowden	Monte Higdon Water Well Drilling	1963	755	12 8	520 755	Ec	613	145 189.70	Mar. 15, 1965 May 10, 1971	T, G 100	Irr	Perforated from 520 to 755 ft. Pump set at 230 ft. Development test: Drawdown of 42 ft while pumping 1,383 gpm on Nov. 13, 1963. Observation well. <i>z</i>
* 902	Bruce Marsk	--	1948	750	16 12	-- 500	Ec	620	145	Mar. 1965	T, G 100	Irr	Slotted from 250 to 500 ft. Open hole from 500 to 750 ft. <i>y</i>
w 64-101	Charles T. Hardt	J. W. Hickerson	1957	284	12	183	Ec	640	--	--	T, E 50	Irr	Perforated from 53 to 183 ft. Open hole from 183 to 284 ft. Pump set at 170 ft. Development test yielded 1,277 gpm. Temp. 79°F. <i>y y</i>
102	do	--	1957	248	12	171	Ec	640	--	--	N	N	Abandoned. Perforated from 86 to 171 ft. Open hole from 171 to 248 ft. Development test: Drawdown of 100 ft while pumping 1,350 gpm. <i>y y</i>
103	George Hallis	E. H. Cannon Drilling Co.	1962	437	12	437	Ec, Sai	639	104	Oct. 20, 1962	T, E 60	N	Slotted from 220 to 437 ft. Top of Carrizo Sand 220 ft. Unused irrigation well. Pump set at 230 ft. Development test: Drawdown of 121 ft while pumping 1,000 gpm on Oct. 20, 1962. <i>y</i>
w 401	Calvin Hardt	Frazier and Upton Drilling Co.	1956	165	12	165	Ec	620	90.1 100 127.45	Dec. 1, 1960 Nov. 1963 Oct. 2, 1969	T, E 50	Irr	Slotted from 90 to 165 ft. Pump set at 140 ft. Reported yield of 950 gpm. Development test: Drawdown of 103 ft while pumping 1,359 gpm for 3 hours. Temp. 77°F. <i>y</i>
w 402	do	J. W. Hickerson	1958	320	12 10	180 300	Ec	635	98.12 132.89	Dec. 1, 1960 Apr. 7, 1972	T, E 50	Irr	Perforated from 180 to 300 ft. Pump set at 160 ft. Development test: Drawdown of 126 ft while pumping 1,227 gpm for 3 hours. Temp. 79°F. Historical observation well. <i>z y</i>
403	E. E. Brown	Clarence Homer Brown	--	140	8	140	Ec	618	100	Nov. 4, 1963	T, C	N	Unused irrigation well. Reported yield of 600 gpm. <i>y</i>
404	A. E. Voss	E. H. Cannon Drilling Co.	1962	610	10	500	Ec	645	200	Nov. 5, 1963	T, E 50	Irr	Slotted from 400 to 500 ft. Top of Carrizo Sand 380 ft. Reported yield of 900 gpm. Temp. 76°F. <i>y</i>
w 405	George Hallis	Clarence Homer Brown	1963	450	12	450	Ec	650	119 111	Aug. 8, 1963 Mar. 1972	T, G 125	Irr	Slotted from 250 to 450 ft. Reported yield of 810 gpm. Development test: Drawdown of 38 ft while pumping 1,497 gpm on Aug. 8, 1963. Temp. 83°F. <i>y</i>

See footnotes at end of table.

ERIO COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF TEST	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELW LAM-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* KB-69-64-406	Calvin Hardt	E. H. Cannon Drilling Co.	1962	345	12	345	Ec	633	109	Aug. 1962	T, E 50	Irr	Slotted from 135 to 345 ft. Top of Carrizo Sand 135 ft. Pump set at 170 ft. Development test: Drawdown of 22 ft while pumping 1,512 gpm on Aug. 21, 1963. Temp. 79°F. 4
408	Vincent Ranley	do	1966	265	12	265	Ec	615	103.55	Oct. 1, 1969	T, G 50	Irr	Gravel packed.
409	Duke Wilson	Clarence Hower Brown	1966	200	13	200	Ec	618	123.1	Sept. 30, 1969	T, E 60	Irr	Slotted. Pump set at 140 ft. Development test yielded 1,500 gpm.
411	Calvin Hardt	Texas Water Development Board	1971	360	3	315	Ec	635	127.82 130.50	Feb. 22, 1971 Mar. 24, 1972	N	N	Slotted from 189 to 315 ft. Open hole from 315 to 360 ft. Observation well. 3/2/72
501	L. F. Sirianni	Frazier and Opton Drilling Co.	1950	357	12	-- 357	Ec	711	163 193.80	Sept. 1950 Apr. 7, 1972	N	N	Abandoned. Perforated from 257 to 357 ft. Observation well. 3/4
* 503	Wisconsin Pump Inc.	Strickers Water Well Service	1968	360	14	360	Ec	675	90	Mar. 30, 1968	T, E 150	Irr	Perforated from 150 to 360 ft. Gravel packed. Pump set at 250 ft. Temp. 80°F. 4
504	L. F. Sirianni	do	1967	400	12	397	Ec	710	160.15	June 13, 1963	T, G 150	Irr	Slotted from 240 to 397 ft. Gravel packed. Pump set at 250 ft. Development test: Drawdown of 72 ft while pumping 1,000 gpm in July 1967. 3
* 505	Wisconsin Pump, Inc.	E. H. Cannon Drilling Co.	1967	307	13	307	Ec	665	--	--	T, E	Irr	Slotted from 167 to 307 ft. Gravel packed. Pump set at 250 ft. Reported yield of 1,700 gpm. Temp. 80°F.
601	George Hemming	--	1956	509	10	209	Ec	645	95 183.25	Apr. 1956 Oct. 3, 1969	T, G 50	S, Irr	Open hole from 209 to 509 ft. Reported yield of 500 gpm.
602	J. W. Winters	A. Doodlestadt	--	--	--	--	Ec	663	101 105.98	Jan. 15, 1958	C, W	D	Well 19 in Water-Supply Paper 676. Historical observation well. 4
603	L. B. Horn	E. H. Cannon Drilling Co.	1964	480	12	402	Ec	700	177	Mar. 26, 1964	T, E 100	D, S Irr	Slotted from 270 to 402 ft. Open hole from 402 to 480 ft. Top of Carrizo Sand 270 ft. Pump set at 200 ft. Development test: Drawdown of 16 ft while pumping 1,802 gpm on Mar. 26, 1964. 4
* 607	Moore Water Supply Corp.	K. and S. Water Well Service	1967	460	8	450	Ec	670	178	June 17, 1967	Sub, G 15	P	Slotted from 300 to 450 ft. Cemented from 170 ft to surface. Pump set at 275 ft. Reported yield of 100 gpm. Development test: Drawdown of 12 ft while pumping 208 gpm for 7 hours on June 17, 1967. Temp. 84°F. 4
701	E. J. Stacey	E. H. Cannon Drilling Co.	1957	933	8	933	Ec	680	188	Aug. 6, 1957	T, E 50	D, S Irr	Slotted from 664 to 933 ft. Top of Carrizo Sand 664 ft. Pump set at 250 ft. Development test: Drawdown of 27 ft while pumping 950 gpm on Aug. 6, 1957. 4
77-05-303	Frie Grain and Oetler Co.	Peterson Drilling Co.	1962	800	14	600	Ec	678	158.8	Nov. 13, 1963	T, G 175	Irr	Drilled to 1,600 ft and plugged back to 800 ft. Open hole from 600 to 800 ft. Top of Carrizo Sand 450 ft. Pump set at 275 ft. Reported yield of 1,000 gpm. 4
601	Ben H. Bennett	E. H. Cannon Drilling Co.	1951	1,230	12	1,000 1,230	Ec	690	90	May 1951	T, G 100	Irr	Slotted from 1,006 to 1,230 ft. Top of Carrizo Sand 1,004 ft. Historical observation well. 4
06-101	B. L. Roberts	do	1955	680	12	450 680	Ec	662	160 186.64	Apr. 1956 Oct. 24, 1960	T, E 100	Irr	Slotted from 430 to 680 ft. Top of Carrizo Sand 420 ft. Pump set at 340 ft. Development test: Drawdown of 75 ft while pumping 900 gpm. 4
103	do	do	1953	1,115	12	600 867 1,115	Ec	660	120 263.21	Apr. 1956 Apr. 7, 1971	T, G 125	S, Irr	Slotted from 867 to 1,115 ft. Top of Carrizo Sand 867 ft. Observation well. 3/4

See footnotes at end of table.

## FRIO COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
KB-77-06-104	E. L. Roberts and J. M. Barkley	E. H. Cannon Drilling Co.	1952	590	12	422	Ec	658	99.5 168.67	Aug. 19, 1952 Oct. 24, 1969	T, E 100	Irr	Formerly well was 69-62-707 in Report 32. Open hole from 422 to 590 ft. Top of Carrizo Sand 410 ft. Pump set at 340 ft. Development test yielded 790 gpm. Temp. 79°F. <i>4</i>
201	do	McKinley Drilling Co.	1952	620	12	450	Ec	635	95 87.52 93.41	Jan. 1952 Nov. 13, 1953 Oct. 13, 1954	T, E 75	Irr	Formerly well was 69-62-706 in Report 32. Slotted from 400 to 450 ft. Open hole from 450 to 620 ft. Top of Carrizo Sand 420 ft. Pump set at 300 ft. Development test: Drawdown of 91 ft while pumping 900 gpm on May 10, 1956. Historical observation well. <i>4</i>
* 202	E. L. Roberts	E. H. Cannon Drilling Co.	1951	585	10	450	Ec	585	95.96 104.02	Aug. 19, 1952 Jan. 16, 1958	T, E 75	Irr	Formerly well was 77-06-201 in Report 32. Slotted from 410 to 450 ft. Open hole from 450 to 585 ft. Top of Carrizo Sand 430 ft. Pump set at 300 ft. Reported yield of 739 gpm. Temp. 79°F. Historical observation well. <i>4</i>
* 204	do	do	1963	615	12	615	Ec	660	192	Nov. 1963	T, E 75	Irr	Formerly well was 77-06-104 in Report 32. Slotted from 405 to 615 ft. Top of Carrizo Sand 465 ft. Pump set at 300 ft. Reported yield of 893 gpm. Temp. 79°F. <i>4</i>
301	Mrs. Carrie E. Thompson	McKinley Drilling Co.	1942	816	7 5	-- 816	Ec	605	65 176.18	Mar. 23, 1942	Sub, E	0	Top of Carrizo Sand 716 ft. Observation well. <i>3 4</i>
302	do	do	1952	950	12 10	-- 950	Ec	600	60	Nov. 1952	T, E 125	Irr	Open hole from 800 to 950 ft. Top of Carrizo Sand 720 ft. Pump set at 200 ft. Reported yield of 732 gpm. <i>4</i>
303	do	do	1953	941	12 10	300 941	Ec	600	60	Jan. 1953	T, E 125	Irr	Slotted from 720 to 941 ft. Top of Carrizo Sand 720 ft. Reported yield of 791 gpm. <i>4</i>
* 304	Roberts Ranch	--	--	--	6	--	--	636	69.53 76.09	July 20, 1949 Nov. 17, 1961	C, W	8	Historical observation well. <i>4</i>
305	Mrs. Carrie E. Thompson	E. H. Cannon Drilling Co.	1963	950	12	950	Ec	600	200	Nov. 12, 1963	T, E 100	Irr	Slotted from 730 to 950 ft. Top of Carrizo Sand 730 ft. Reported yield of 1,300 gpm. <i>4</i>
306	P. H. Rutherford	do	1957	746	8	600	Ec	595	93	Feb. 20, 1957	T, E 40	Irr	Slotted from 400 to 600 ft. Open hole from 600 to 746 ft. Top of Carrizo Sand 350 ft. Pump set at 170 ft. Development test: Drawdown of 112 ft while pumping 926 gpm on Feb. 20, 1957. <i>4</i>
* 07-101	W. B. Waters, Jr.	do	1964	1,136	12	850	Ec	599	132	Apr. 1964	T, E 100	Irr	Slotted from 500 to 850 ft. Open hole from 850 to 1,136 ft. Cemented from 500 ft to surface. Top of Carrizo Sand 650 ft. Pump set at 370 ft. Reported yield of 710 gpm. Development test: Drawdown of 104 ft while pumping 1,505 gpm in Apr. 1964. Temp. 84°F. <i>4</i>
* 102	do	--	1957	700	8	700	Ec	570	--	--	T, E 20	D, E Irr	Drilled to 1,126 ft and plugged back to 700 ft. Reported yield of 200 gpm. <i>4</i>
* 103	do	--	1943	300	6	300	Eqc	580	90	Aug. 13, 1964	C, W	8	Temp. 77°F. <i>4</i>
104	F. J. Saddler	--	1957	950	12 10	400 800	Ec	593	--	--	T, D 110	Irr	Open hole from 800 to 950 ft. Pump set at 270 ft. <i>4</i>
* 105	do	--	1957	950	12 10	400 800	Ec	592	--	--	T, E 125	Irr	Open hole from 800 to 950 ft. Pump set at 270 ft. Reported yield of 625 gpm. Temp. 84°F. <i>4</i>
* 106	do	McKinley Drilling Co.	1958	934	12 10	392 934	Ec	586	--	--	T, G 50	Irr	Pump set at 270 ft. Reported yield of 600 gpm. Temp. 84°F. <i>4</i>

See footnotes at end of table.



FRIO COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BRACING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF TEST	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
KB-77-07-107	F. J. Sadler	Frazier and Upton Drilling Co.	1956	990	12	790	No	576	--	--	T, E 50	Irr	Open hole from 90 to 990 ft. Pump set at 250 ft. Reported yield of 1,200 gpm. <i>y</i>
108	Corey Yeager	McKinley Drilling Co.	1957	870	12 10	490 870	Re	580	132	Nov. 1963	T, E 75	Irr	Slotted from 660 to 870 ft. Pump set at 230 ft. Reported yield of 800 gpm. <i>y</i>
109	Fleetwood and May	Frazier and Upton Drilling Co.	1958	990	12	780	Ec	591	132	Nov. 1963	T, R 100	Irr	Open hole from 780 to 990 ft. Pump set at 230 ft. Reported yield of 1,000 gpm. <i>y</i>
201	do	do	1958	990	12	790	Ec	586	132	do.	T, R 75	Irr	Open hole from 790 to 990 ft. Pump set at 230 ft. Reported yield of 1,000 gpm. Observation well. <i>y</i>
* 501	H. and B. Farms	E. H. Cannon Drilling Co.	1954	1,300	12 8	400 1,055	Ec	555	121.98 144.52	Feb. 20, 1957 Mar. 24, 1970	T, R 75	Irr	Open hole from 1,055 to 1,300 ft. Top of Carrizo Sand 1,040 ft. Reported yield of 810 gpm. Temp. 90°F. Observation well. <i>y</i>
502	do	--	1952	--	12	--	--	551	58.08 58.36	July 22, 1952 Jan. 16, 1958	T, G	N	Unused irrigation well. Historical observation well. <i>y</i>
503	do	McKinley Drilling Co.	1955	1,380	12 10	400 1,270	Ec	545	147.00 197.19	Nov. 8, 1963 Oct. 16, 1969	T, E 75	Irr	Slotted from 1,150 to 1,270 ft. Open hole from 1,270 to 1,380 ft. Reported yield of 1,046 gpm. Temp. 90°F. <i>y</i>
801	do	do	1960	1,414	12 10	500 1,354	Ec	539	76.71 196.65	Nov. 30, 1960 Oct. 14, 1969	T, R 75	Irr	Slotted from 1,235 to 1,354 ft. Open hole from 1,354 to 1,414 ft. Top of Carrizo Sand 1,250 ft. Reported yield of 1.125 gpm. Historical observation well. <i>y</i>
901	Fred Sanders	E. H. Cannon Drilling Co.	1954	1,641	12 8	400 1,309	Ec	600	130 204.37	Sept. 1954 Apr. 7, 1972	T, G	Irr	Open hole from 1,309 to 1,641 ft. Top of Carrizo Sand 1,296 ft. Development test: Drawdown of 80 ft while pumping 1,828 gpm in Sept. 1954. Observation well. <i>y</i>
* 902	Hauff and Oppenheimer	McKinley Drilling Co.	1962	1,610	12 10 8	505 1,261 1,610	Ec	620	168	Feb. 5, 1962	T, E 150	Irr	Slotted from 1,065 to 1,610 ft. Cemented from 900 ft to surface. Pump set at 340 ft. Reported yield of 1,015 gpm. Development test: Drawdown of 45 ft while pumping 1,512 gpm on Feb. 5, 1962. Temp. 96°F. <i>y</i>
* 903	C. A. Reeve	E. H. Cannon Drilling Co.	1955	1,385	12 8	400 1,385	Ec	569	113	Jan. 1, 1956	T, Mg 200	Irr	Slotted from 1,030 to 1,385 ft. Top of Carrizo Sand 1,030 ft. Reported yield of 950 gpm. Development test: Drawdown of 24 ft while pumping 1,000 gpm on Jan. 1, 1956. Temp. 101°F. <i>y</i>
904	Hauff and Oppenheimer	McKinley Drilling Co.	1964	1,725	12 10	840 1,720	Ec	558	187	Dec. 4, 1964	T, E 150	Irr	Slotted from 1,470 to 1,720 ft. Cemented from 1,400 ft to surface. Top of Carrizo Sand 1,330 ft. Pump set at 320 ft. Development test: Drawdown of 50 ft while pumping 1,900 gpm on Dec. 4, 1964. <i>y</i>
* 906	do	E. H. Cannon Drilling Co.	1967	1,720	12	1,720	Ec	600	--	--	T, Mg 225	Irr	Slotted. Cemented from 1,720 ft. to surface. Reported yield of 1,000 gpm. Temp. 98°F.
08-201	A. C. Hardcastle	--	1958	906	5	900	Ec	700	207.82 294.19	Dec. 1, 1960 Apr. 18, 1972	Sub, E	U, S	Perforated from 860 to 900 ft. Pump set at 280 ft. Observation well. <i>y</i>
401	A. E. Hitzfelder	--	--	--	6	--	--	660	111.21 104.10	July 21, 1949 Jan. 15, 1958	C, W	D, S	Historical observation well. <i>y</i>
* 403	Medina Electric Cooperative, Inc.	E. H. Cannon Drilling Co.	1959	1,434	20 8	1,041 1,434	Ec	651	204 366	June 1959 Aug. 1, 1969	T, E 125	Ind	Perforated from 1,134 to 1,429 ft. Gravel packed. Top of Carrizo Sand 1,150 ft. Pump set at 440 ft. Reported yield of 700 gpm. Development test: Drawdown of 71 ft while pumping 1,921 gpm in June 1959. Temp. 92°F. <i>y</i>

See footnotes at end of table.

FIELD COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM-ETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* KB-77-08-404	Medina Electric Cooperation, Inc.	E. H. Cannon Drilling Co.	1959	1,408	13 8	1,011 1,408	Ec	645	101 180 351	June 1959 Feb. 1962 Aug. 1, 1969	T, E 125	Ind	Slotted from 1,116 to 1,406 ft. Gravel packed. Pump set at 440 ft. Development test: Drawdown of 52 ft while pumping 2,011 gpm in June 1959. Temp. 94°F. <i>y</i>
405	do	do	1959	1,471	13	1,471	Ec	636	285 286.40	July 1959 Oct. 14, 1969	N	N	Drilled to 1,503 ft and plugged back to 1,471 ft. Perforated from 1,146 to 1,471 ft. Development test: Drawdown of 50 ft while pumping 1,965 gpm in July 1959. <i>y</i>
406	do	do	1959	1,507	13 8	1,027 1,507	Ec	643	182 179 349	July 1959 Feb. 1962 Aug. 1, 1969	T, E 125	Ind	Slotted from 1,206 to 1,507 ft. Gravel packed. Pump set at 440 ft. Development test: Drawdown of 46 ft while pumping 2,011 gpm in Aug. 1959. <i>y</i>
* 407	Mrs. -- Pickett	D. Upton	1918	130	8	--	Eqc	650	78.3 68.63	1929 Jan. 15, 1958	T, E 5	Irr	Temp. 76°F. Historical observation well.
408	George Uhl	--	--	90	42	90	Eqc	650	63.36 69.25	July 21, 1949 Jan. 15, 1958	N	N	Formerly well was 77-08-408 in Report 32. Dug well. Historical observation well. <i>y</i>
409	A. E. Hitzfelder	McKinley Drilling Co.	1962	1,443	12 8	623 1,436	Ec	660	254.35 234.90	Jan. 7, 1970 Apr. 12, 1971	T, C 150	Irr	Slotted from 1,151 to 1,436 ft. Open hole from 1,436 to 1,443 ft. Cemented from 1,110 ft to surface. Top of Carrizo Sand 1,180 ft. Observation well. <i>y y y</i>
410	U. S. S. Agriculture Chemical, Inc.	Griffin Drilling Co.	1966	285	5	248	Eqc	661	--	--	Sub, E 1/2	Ind	<i>y</i>
* 503	Rodriguez Brothers	McKinley Drilling Co.	1968	1,450	12	1,450	Ec	671	--	--	T, G 150	Irr	Slotted from 1,150 to 1,450 ft. Cemented from 1,110 ft to surface. Pump set at 400 ft. Temp. 94°F. <i>y</i>
505	G. L. Heiser	R. and L. Drilling Co.	1965	109	6	109	Es	655	67.96	Oct. 14, 1969	T, E 20	Irr	Slotted from 79 to 109 ft. Pump set at 100 ft. Reported yield of 300 gpm.
506	do	--	--	103	6	15	Es	650	69.05	do.	N	N	Open hole from 15 to 103 ft.
507	T. C. Morrow Ranch	--	--	1,400	10	--	Ec	730	--	--	Sub, R	D, Irr	Pump set at 440 ft. Reported yield of 350 gpm.
508	do	Morrow Drilling Co.	1968	1,481	12	1,481	Ec	690	--	--	T, G 240	Irr	Slotted from 1,181 to 1,481 ft. Pump set at 400 ft.
509	do	do	1968	1,456	12	1,456	Ec	655	--	--	T, G 250	Irr	Slotted from 1,156 to 1,456 ft. Pump set at 400 ft.
510	do	do	1968	1,442	12	1,442	Ec	660	--	--	T, G 240	Irr	Slotted from 1,142 to 1,442 ft. Pump set at 400 ft.
602	do	do	1968	1,512	12	1,512	Ec	600	--	--	T, C	Irr	Slotted from 1,212 to 1,512 ft. Pump set at 400 ft.
603	do	do	1968	1,500	12	1,500	Ec	595	--	--	T, C 220	Irr	Slotted from 1,200 to 1,500 ft.
604	do	do	1968	1,520	12	1,520	Ec	635	--	--	T, G 250	Irr	Slotted from 1,220 to 1,520 ft. Pump set at 400 ft.
605	do	McKinley Drilling Co.	1968	1,480	12	1,475	Ec	600	--	--	T, G	Irr	Slotted from 1,175 to 1,475 ft. Cemented from 1,105 ft to surface. Pump set at 400 ft. <i>y</i>
701	F. A. Bredthauer	D. Upton	--	--	8	--	--	602	48 38.33	1929 Jan. 16, 1958	N	N	Well 72 in Water-Supply Paper 676. Historical observation well. <i>y</i>
702	do	--	--	120	8	--	Eqc	592	39.99 40.17	July 12, 1951 Jan. 16, 1958	E	D	Historical observation well. <i>y</i>

See footnotes at end of table.

## FRIO COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF TEST	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* KX-77-08-704	J. L. Hammett	--	--	40	--	--	Eqc	600	12	June 1932	C, N	D	4
705	M. A. Carter	E. M. Cannon Drilling Co.	1964	1,570	13 10	700 1,570	Ec	614	214	Feb. 1964	T, M <sub>2</sub> 225	Trc	Slotted from 1,290 to 1,570 ft. Top of Carrizo Sand 1,290 ft. Pump set at 320 ft. Development test: Drawdown of 44 ft while pumping 1,828 gpm on Jan. 21, 1964. <i>y y</i>
706	Manuel L. Trevino	McKinley Drilling Co.	1963	1,533	12 8	500 1,495	Ec	590	705	Dec. 1962	T, M <sub>2</sub> 225	Trc	Slotted from 1,245 to 1,495 ft. Open hole from 1,495 to 1,533 ft. Cemented from 1,190 ft to surface. Development test: Drawdown of 59 ft while pumping 1,725 gpm on Dec. 5, 1962. <i>y y</i>
* 708	R. W. Brown	E. Exton	1916	110	4	--	Ec	635	50 53.35	June 1932 Oct. 14, 1969	N	N	Well 44 in Water-Supply Paper 676. Temp. 90°F. <i>y</i>
709	C. C. Vaughan, Jr.	--	--	600	--	--	Eqc	640	--	--	T, E 20	S, Irr	Reported yield of 500 gpm. <i>y</i>
* 712	City of Pearsall	Layne-Texas Co.	1926	1,303	16 6	--	Ec	672	60	1930	N	N	Well 94 in Water-Supply Paper 676. Screened from 962 to 1,066 ft and 1,137 to 1,241 ft. Reported yield of 625 gpm. Temp. 92°F. <i>y</i>
* 713	do	do	1942	1,302	10 8	192 1,302	Ec	622	88	Oct. 23, 1942	T, E 40	P	Screened from 1,135 to 1,246 ft and 1,271 to 1,297 ft. Development test: Drawdown of 36 ft while pumping 640 gpm on Oct. 23, 1942. Temp. 93°F. <i>y y</i>
* 714	do	McKinley Drilling Co.	1930	1,350	13 8	294 1,350	Ec	650	88 287	Mar. 1930 Oct. 1964	T, E 100	P	Slotted from 1,200 to 1,350 ft. Top of Carrizo Sand 1,200 ft. Development test: Drawdown of 12 ft while pumping 1,400 gpm on Feb. 13, 1964. Temp. 92°F. <i>y y</i>
715	do	do	1957	1,392	14 10	716 1,392	Ec	650	210 287	Mar. 1957 Oct. 1964	T, E 100	P	Slotted from 1,142 to 1,392 ft. Top of Carrizo Sand 1,170 ft. Reported yield of 1,000 gpm. Development test: Drawdown of 46 ft while pumping 1,416 gpm in Mar. 1957. <i>y y</i>
716	do	E. M. Cannon Drilling Co.	1963	1,572	14	1,572	Ec	618	253 343.00	Nov. 1963 Apr. 11, 1972	T, M <sub>2</sub> 200	P	Slotted from 1,320 to 1,570 ft. Cemented from 1,750 ft to surface. Top of Carrizo Sand 1,270 ft. Reported yield of 950 gpm. Development test: Drawdown of 39 ft while pumping 1,664 gpm on Nov. 4, 1963. Observation well. <i>y y y</i>
801	G. L. Keiser	McKinley Drilling Co.	1955	1,444	12 10	350 1,375	Ec	663	170 252.81	Mar. 1955 Mar. 25, 1970	N	N	Open hole from 1,375 to 1,445 ft. Top of Carrizo Sand 1,210 ft. Reported yield of 800 gpm. Development test: Drawdown of 65 ft while pumping 1,727 gpm on Mar. 8, 1955. Observation well. <i>y y</i>
* 802	R. T. Barnhart	--	--	700	5	--	Eqc	640	50	June 1932	C, W	D	Well 154-C in Water-Supply Paper 676. <i>y</i>
* 803	Cecil Cudd	Monte Higdon Water Well Drilling	1956	1,352	8 6	500 1,200	Ec	652	200	Nov. 13, 1963	T, E 75	Irr	Slotted from 1,110 to 1,200 ft. Open hole from 1,200 to 1,352 ft. Top of Carrizo Sand 1,126 ft. Reported yield of 385 gpm. Temp. 94°F. <i>y</i>
804	Leo Newsom	McKinley Drilling Co.	1955	1,480	12 10	400 1,420	Ec	664	191 281	Oct. 1955 Nov. 12, 1963	T, M <sub>2</sub> 225	Trc	Slotted from 1,150 to 1,420 ft. Pump set at 400 ft. Development test: Drawdown of 54 ft while pumping 1,750 gpm on Oct. 23, 1955. <i>y</i>
* 806	E. H. Cannon	E. M. Cannon Drilling Co.	1963	1,426	8	1,100	Ec	642	306 310.61	July 1964 Apr. 6, 1972	Sub, E 30	D, Ind	Slotted from 1,040 to 1,100 ft. Open hole from 1,100 to 1,426 ft. Cemented from 1,000 ft to surface. Pump set at 540 ft. Reported yield of 130 gpm. Temp. 91°F. Observation well. <i>y y</i>
808	do	do	1965	720	6	720	Eqc	642	200.35 256.98	May 20, 1965 Apr. 6, 1972	Sub, E	D, Ind	Slotted from 680 to 720 ft. Observation well. <i>y y</i>

See footnotes at end of table.

FRIO COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* KB-77-08-809	Virgil Tolson	E. H. Cannon Drilling Co.	1964	1,500	10 6	600 1,491	Ec	650	--	--	T, Mg 130	Irr	Slotted from 1,188 to 1,491 ft. Top of Carrizo Sand 1,160 ft. Reported yield of 442 gpm. Temp. 98°F. <i>4</i>
810	T. C. Morrow Ranch	McKinley Drilling Co.	1969	1,535	12	1,475	Ec	628	--	--	T, C 250	Irr	Slotted from 1,177 to 1,475 ft. Open hole from 1,475 to 1,535 ft. Cemented from 1,120 ft to surface. <i>1</i>
812	G. L. Heiser	do	1970	1,500	12	1,454	Ec	648	352.97	May 4, 1971	T, C	Irr	--
902	Kiddan and Neal Farms, Inc.	do	1955	1,560	12 10	400 1,560	Ec	610	239	Oct. 20, 1963	T, Mg 169	Irr	Slotted from 1,290 to 1,560 ft. Reported yield of 1,000 gpm. <i>4</i>
903	do	E. H. Cannon Drilling Co.	1964	1,477	12	1,477	Ec	615	244	Dec. 30, 1964	T, Mg 225	Irr	Slotted from 1,277 to 1,477 ft. Top of Carrizo Sand 1,240 ft. Development test: Drawdown of 32 ft while pumping 1,734 gpm on Dec. 30, 1964. <i>4</i>
905	T. C. Morrow Ranch	McKinley Drilling Co.	1969	1,490	12	1,476	Ec	622	--	--	T, C 250	Irr	Slotted from 1,176 to 1,476 ft. Open hole from 1,478 to 1,490 ft. Cemented from 1,140 ft to surface. <i>1</i>
906	do	Morrow Drilling Co.	1968	1,482	--	--	Ec	625	--	--	T	Irr	--
13-301	J. K. Stark	Verdell Brothers Drilling Co.	1952	1,511	12 8	948 1,511	Ec	600	134.81 223.48	Dec. 1, 1960 Feb. 1, 1965	T, C 125	D, S Irr	Slotted from 1,141 to 1,511 ft. Reported yield of 760 gpm. Temp. 93°F. Historical observation well. <i>4</i>
14-402	Hauesser Ranch	E. H. Cannon Drilling Co.	1961	1,590	8 6	1,090 1,590	Ec	660	--	--	Sub. P 3-1/2	D, S	--
601	Hipco Farm	--	1952	1,450	12	1,244	Ec	510	60 266.75	Apr. 1956 Apr. 10, 1972	T, C 101	Irr	Open hole from 1,244 to 1,450 ft. Top of Carrizo Sand 1,229 ft. Development test: Drawdown of 65 ft while pumping 1,525 gpm in Aug. 1954. Observation well. <i>3</i> <i>4</i>
602	W. E. Stacy	E. H. Cannon Drilling Co.	1954	1,578	12 10	399 1,241	Ec	565	85 245.63	Oct. 1955 Oct. 17, 1969	T, C 175	Irr	Open hole from 1,241 to 1,578 ft. Top of Carrizo Sand 1,240 ft. Development test: Drawdown of 55 ft while pumping 1,512 gpm in Aug. 1954. <i>4</i>
604	Hipco Farm	McKinley Drilling Co.	1953	1,483	12 10	351 1,318	Ec	560	45 96.9	Jan. 1953 Nov. 16, 1960	Sub. P 10	S	Open hole from 1,318 to 1,483 ft. Top of Carrizo Sand 1,160 ft. Development test: Drawdown of 101 ft while pumping 1,598 gpm in Jan. 1953. <i>4</i>
605	do	E. H. Cannon Drilling Co.	1954	1,605	12 10	385 1,323	Ec	550	93 242.8	Aug. 1954 Oct. 17, 1969	T, C 125	Irr	Open hole from 1,323 to 1,605 ft. Top of Carrizo Sand 1,323 ft. Development test: Drawdown of 57 ft while pumping 1,572 gpm in Aug. 1954. <i>4</i>
606	do	do	1954	1,577	12 10	401 1,330	Ec	550	104 233.65	Aug. 1954 Oct. 17, 1960	T, C 75	Irr	Open hole from 1,330 to 1,577 ft. Top of Carrizo Sand 1,330 ft. Development test: Drawdown of 58 ft while pumping 1,482 gpm in Aug. 1954. <i>4</i>
607	do	do	1954	1,610	12 10	400 1,370	Ec	545	93 243.08	July 1954 Oct. 17, 1969	T, C 125	Irr	Open hole from 1,370 to 1,610 ft. Development test: Drawdown of 63 ft while pumping 1,572 gpm in July 1954. <i>4</i>
608	do	do	1954	1,611	12 10	405 1,438	Ec	545	104	Oct. 1955	T, C 125	Irr	Open hole from 1,438 to 1,611 ft. Development test: Drawdown of 58 ft while pumping 1,482 gpm in July 1954. <i>4</i>
801	R. S. Pecke	--	1910	210	5	--	E1	520	65	June 1932	C, W	D	Well 152-C in Water-Supply Paper 676. <i>4</i>
803	J. H. Calvert	--	1962	1,625	8	1,625	Ec	540	--	--	T, Mg 125	D, Irr	Slotted from 1,350 to 1,625 ft. <i>4</i>

See footnotes at end of table.

FRIO COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* KB-77-14-205	Rex Shuptrine	E. H. Cannon Drilling Co.	1964	1,653	12	1,653	Ec	520	247	Nov. 1964	T, Ng 725	Irr	Slotted from 1,603 to 1,653 ft. Top of Carrizo Sand 1,290 ft. Pump set at 380 ft. Reported yield of 370 gpm. Development test: Drawdown of 82 ft while pumping 1,856 gpm in Nov. 1964. Temp. 98°F. <i>y</i>
* 901	Divot School	--	--	200	--	--	Bl	510	--	--	N	N	<i>y</i>
* 902	J. H. King	W. P. Alley	1928	173	6	--	El	518	71 84.97	Apr. 10, 1932	N	N	Observation well. <i>y</i>
* 903	do	E. H. Cannon Drilling Co.	1955	1,672	12 10	413 1,672	Ec	520	135	July 1955	T, Ng 225	Irr	Slotted from 1,516 to 1,662 ft. Top of Carrizo Sand 1,345 ft. Reported yield of 970 gpm. Development test: Drawdown of 40 ft while pumping 1,303 gpm in July 1955. Temp. 100°F. <i>y</i>
904	Johnny Kiefer	A. A. Wuensch	1956	1,628	12 8	400 1,404	Ec	522	110 298.63	Feb. Apr. 12, 1972	T, PK 90	O, Irr	Open hole from 1,404 to 1,628 ft. Top of Carrizo Sand 1,290 ft. Pump set at 500 ft. Observation well. <i>y</i>
* 905	Claude W. Hearrell	--	1921	180	--	--	El	524	--	--	N	N	Abandoned. <i>y</i>
* 907	Arthur Kiefer	E. H. Cannon Drilling Co.	1955	1,728	12 10	430 1,673	Ec	540	90 193	July Apr. 18, 1956	T, Ng 200	Irr	Slotted from 1,388 to 1,673 ft. Open hole from 1,673 to 1,728 ft. Top of Carrizo Sand 1,388 ft. Pump set at 500 ft. Development test: Drawdown of 107 ft while pumping 1,312 gpm in Apr. 1956. <i>y</i>
908	Warren Woods	do	1966	1,700	12 10	700 1,700	Ec	525	--	--	T, E 150	Irr	Slotted from 1,500 to 1,700 ft. Cemented from 1,700 ft to surface. Pump set at 450 ft.
909	do	do	1965	1,750	12 10	750 1,750	Ec	540	--	--	T, E 150	Irr	Perforated from 1,500 to 1,750 ft. Cemented from 1,750 ft to surface. Pump set at 450 ft.
* 15-301	Wilbur Tolson	--	--	1,350	8	--	Ec	553	270	Nov. 13, 1963	T, Ng 250	Irr	Well 97 in Water-Supply Paper 676. Oil test converted to water well. Reported yield of 575 gpm. <i>y</i>
302	J. H. Long	J. H. Long	1909	1,324	8	--	Ec	538	9 66.58	Jan. 11, 1956	N	N	Well 99 in Water-Supply Paper 676. Abandoned. Historical observation well measured from 1951 to 1957. <i>y</i>
* 304	Trevino and Sons	E. H. Cannon Drilling Co.	1963	1,460	13 10	607 1,460	Ec	560	126 269.26	Jan. 17, 1963 Apr. 12, 1972	T, Ng 350	Irr	Slotted from 1,210 to 1,460 ft. Top of Carrizo Sand 1,210 ft. Pump set at 400 ft. Reported yield of 1,355 gpm. Development test: Drawdown of 80 ft while pumping 1,576 gpm on Jan. 17, 1963. Temp. 99°F. Observation well. <i>y</i>
* 307	Beever Farms, Inc.	do	1965	--	12	--	Ec	568	--	--	T, Ng 265	Irr	Slotted. Reported yield of 1,410 gpm. Temp. 99°F.
* 308	Luther Parker	do	1965	1,450	12 10	800 1,450	Ec	550	--	--	T, Ng 175	Irr	Slotted from 1,200 to 1,450 ft. Cemented from 1,450 ft to surface. Pump set at 190 ft. Reported yield of 657 gpm. Development test: Drawdown of 32 ft while pumping 1,693 gpm for 12 hours on May 13, 1965. Temp. 99°F. <i>y</i>
601	R. E. Beall	do	1954	1,760	12 8	300 1,230	Ec	507	90 273.40	Aug. 1954 Apr. 19, 1972	T, E 125	Irr	Open hole from 1,230 to 1,760 ft. Top of Carrizo Sand 1,240 ft. Reported yield of 1,200 gpm. Development test: Drawdown of 56 ft while pumping 1,930 gpm in Aug. 1954. Observation well. <i>y</i>
* 602	do	--	1914	1,672	10 6	260 1,210	Ec	508	+ 25 8 230	June 1932 Apr. 1956 Nov. 13, 1962	T, E 100	N	Open hole from 1,210 to 1,672 ft. Top of Carrizo Sand 1,210 ft. Unused irrigation well. Reported yield of 700 gpm. <i>y</i>

See footnotes at end of table.

FRID COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
KB-77-15-603	N. E. Beall	E. H. Cannon Drilling Co.	1953	1,650	12 8	300 1,350	Br.	565	95	Apr. 1956	T, E 325	Irr	Open hole from 1,350 to 1,650 ft. Top of Carrizo Sand 1,350 ft. Pump set at 400 ft. Development test: Drawdown of 145 ft while pumping 1,700 gpm in 1953. <i>g</i>
* 605	Jose Siller	do	1963	1,700	13 8	500 1,700	Br.	563	181 260	Mar. 11, 1963 Nov. 13, 1963	T, Ng 350	Irr	Slotted from 1,350 to 1,700 ft. Top of Carrizo Sand 1,350 ft. Pump set at 400 ft. Reported yield of 721 gpm. Development test: Drawdown of 91 ft while pumping 1,424 gpm on Mar. 11, 1963. Temp. 99°F. <i>g</i>
607	Albert Malone	do	--	1,515	8 7	500 1,515	Br.	553	177.45 264.30	May 19, 1965 Oct. 15, 1969	Sub, B	S	Oil test converted to water well. Slotted from 1,215 to 1,515 ft. <i>g</i>
* 608	do	McKinley Drilling Co.	1965	1,525	10 8	608 1,519	Br.	540	--	--	T, C 350	D, Irr	Slotted from 1,319 to 1,519 ft. Cemented from 1,270 ft to surface. Temp. 90°F. <i>g</i>
* 701	J. L. Evans	--	--	1,525	8	1,300	Br.	510	50	Apr. 1956	Sub, B	D, S	Open hole from 1,300 to 1,525 ft. Top of Carrizo Sand 1,300 ft. Development test: Drawdown of 30 ft while pumping 600 gpm. Temp. 80°F. <i>g</i>
702	do	--	--	1,520	10 8	300 1,310	Br.	492	60	do.	T, E 100	Irr	Open hole from 1,310 to 1,520 ft. Top of Carrizo Sand 1,310 ft. <i>g</i>
703	Josey Ranch	McKinley Drilling Co.	1943	1,755	10	1,755	Br.	485	--	--	T, B 150	Irr	Top of Carrizo Sand 1,230 ft. Reported flow of 1,490 gpm in Jan. 1943. <i>g</i>
704	do	do	1942	1,687	10	1,687	Br.	487	--	--	T, E 150	Irr	Top of Carrizo Sand 1,300 ft. Pump set at 330 ft. Reported flow of 1,290 gpm in Dec. 1942. <i>g</i>
* 705	J. H. King	do	1964	1,650	13 10	750 1,627	Br.	520	180 282.32	Feb. 26, 1964 Apr. 12, 1972	T, E 150	Irr	Slotted from 1,377 to 1,627 ft. Open hole from 1,627 to 1,650 ft. Cemented from 1,368 ft to surface. Pump set at 320 ft. Development test: Drawdown of 49 ft while pumping 1,623 gpm on Feb. 26, 1964. Observation well. <i>g</i>
* 706	F. J. Avant	do	1963	1,622	13	1,601	Br.	485	198 274	Sept. 1963 Aug. 26, 1965	T, Ng 200	Irr	Slotted from 1,300 to 1,601 ft. Open hole from 1,601 to 1,622 ft. Cemented from 1,230 ft to surface. Top of Carrizo Sand 1,290 ft. Pump set at 320 ft. Reported yield of 1,400 gpm. Development test: Drawdown of 106 ft while pumping 1,457 gpm in Sept. 1963. Temp. 88°F. <i>g</i>
707	J. E. Brooks	E. H. Cannon Drilling Co.	1967	1,920	10 8	600 1,920	Br.	498	--	--	T, C 200	Irr	Slotted from 1,600 to 1,920 ft.
802	Gouger and McCarrick	McKinley Drilling Co.	1964	1,710	12 10	600 1,690	Br.	470	148	Apr. 1964	T, Ng 200	Irr	Slotted from 1,430 to 1,690 ft. Cemented from 1,391 ft to surface. Pump set at 250 ft. Development test: Drawdown of 38 ft while pumping 1,693 gpm for 10 hours in Apr. 1964. <i>g</i>
803	do	do	1964	1,685	12 10	610 1,658	Br.	470	145	May 1964	T, Ng 200	Irr	Slotted from 1,407 to 1,658 ft. Open hole from 1,658 to 1,685 ft. Cemented from 1,321 ft to surface. Pump set at 250 ft. Development test: Drawdown of 53 ft while pumping 1,264 gpm in May 1964. <i>g</i>
* 901	H. Bennett	--	--	285	7	--	Eqc	508	45.8	June 1932	C, W	D	Well 152-A in Water-Supply Paper 676. <i>g</i>
* 902	H. J. Hardcastle, Jr.	--	1940	200	--	--	Eqc	510	--	--	N	N	<i>g</i>
* 903	do	--	1940	277	7	200	Eqc	508	91.29 102.61 104.84	Aug. 27, 1970 Apr. 8, 1971 Apr. 6, 1972	C, W	D	Open hole from 200 to 277 ft. Observation well. <i>g</i>

See footnotes at end of table.

FRIO COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASTING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					UTAM-ETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
XB-77-15-904	S. L. Bennett, Sr.	McKinley Drilling Co.	1955	1,867	12 10	411 1,867	Ec	483	--	--	T, C 220	Irr	Slotted from 1,590 to 1,867 ft. Pump set at 330 ft. Reported yield of 2,000 gpm. $\frac{1}{2}$
* 905	John Bennett	-- Dodd	1917	1,700	10 8	-- --	Ec	485	+ 10	June 1932	T, E 100	N	Well 109 in Water-Supply Paper 676. Unused irrigation well. Pump set at 140 ft. Reported yield of 2,000 gpm. $\frac{1}{2}$
907	Campbell Mills	--	1914	1,761	8 6	-- --	Ec	485	+ 16 169.33	Apr. 6, 1972	Sub, E	S	Well 107 in Water-Supply Paper 676. Top of Carrizo Sand 1,398 ft. Flowed until 1948. Observation well. $\frac{1}{2}$ $\frac{3}{4}$
908	Fred Lancaster	--	1913	1,760	8 7	350 1,760	Ec	485	+ 12	1928	T, E 25	N	Well 108 in Water-Supply Paper 676. Slotted from 1,400 to 1,760 ft. Unused irrigation well. $\frac{1}{2}$
16-101	G. C. Vaughan	E. H. Cannon Drilling Co.	1963	1,283	12 8	753 1,270	Eqc, Ec	600	214	Dec. 1963	T, Ng 125	Irr	Slotted from 600 to 700 and 1,120 to 1,270 ft. Top of Carrizo Sand 1,000 ft. Development test: Drawdown of 45 ft while pumping 1,854 gpm in Dec. 1963. $\frac{1}{2}$
* 102	C. McKinley	D. Upcom	1926	242	6	242	Eqc	600	99	June 1932	C, W	D	Well 148 in Water-Supply Paper 676. $\frac{1}{2}$
103	Reever Farms, Inc.	E. H. Cannon Drilling Co.	1955	1,492	12 8	500 1,135	Ec	578	372.50 242.85	Aug. 6, 1969 Nov. 3, 1969	T, Ng 200	Irr	Slotted from 1,105 to 1,135 ft. Open hole from 1,135 to 1,492 ft. Top of Carrizo Sand 1,020 ft. $\frac{1}{2}$
104	Mrs. Mary Holmes	do	1962	1,620	12 8	415 1,620	Ec	578	--	--	N	N	Abandoned. Slotted from 1,290 to 1,620 ft. Top of Carrizo Sand 1,290 ft. $\frac{1}{2}$
* 107	Holms Farm	--	--	--	--	--	Ec	590	--	--	T, Ng 225	Irr	Reported yield of 700 gpm. Temp. 96°F.
* 108	Trevino Brothers	E. H. Cannon Drilling Co.	1966	1,475	12	1,475	Ec	560	--	--	T, Ng 350	Irr	Slotted from 1,275 to 1,475 ft. Pump set at 400 ft. Reported yield of 1,165 gpm. Temp. 97°F.
* 201	H. Tomison	do	1955	1,647	12 10	382 1,581	Ec	652	175 340.35	Jan. 1955 Apr. 12, 1972	T, E 150	Irr	Perforated from 1,481 to 1,581 ft. Open hole from 1,581 to 1,647 ft. Top of Carrizo Sand 1,241 ft. Reported yield 510 gpm. Development test: Drawdown of 22 ft while pumping 1,473 gpm. Temp. 96°F. Observation well. $\frac{1}{2}$ $\frac{1}{4}$
202	Alvin Mann	do	1954	1,607	12 8 7	402 1,309 1,607	Ec	630	185	Apr. 1956	T, Ng 175	Irr	Slotted from 1,309 to 1,607 ft. Top of Carrizo Sand 1,309 ft. Pump set at 400 ft. Development test: Drawdown of 25 ft while pumping 1,020 gpm in 1965. $\frac{1}{2}$
* 203	Julius Mann	A. A. Wuensch	1956	1,650	12 10	400 1,650	Ec	640	260	Nov. 1963	T, E 125	S, Irr	Reported yield of 685 gpm. Development test: Drawdown of 40 ft while pumping 900 gpm on Nov. 14, 1963. Temp. 96°F. $\frac{1}{2}$
* 205	H. Tolson	E. H. Cannon Drilling Co.	1964	1,570	12 10	800 1,570	Ec	680	296	Jan. 1964	T, E 200	Irr	Slotted from 1,370 to 1,570 ft. Top of Carrizo Sand 1,150 ft. Reported yield at 685 gpm. Development test: Drawdown of 46 ft while pumping 1,591 gpm on Jan. 27, 1964. Temp. 96°F. $\frac{1}{2}$
206	Trevino Brothers	do	1964	1,695	12 10	-- 1,695	Ec	636	743	Jan. 1963	T, C 250	Irr	Slotted from 1,360 to 1,695 ft. Top of Carrizo Sand 1,360 ft. Pump set at 330 ft. Development test: Drawdown of 58 ft while pumping 1,729 gpm in Dec. 1963. $\frac{1}{2}$
* 207	Elmer Littleton	--	--	--	--	--	Ec	615	--	--	T, Ng	Irr	Reported yield of 990 gpm. Temp. 96°F.
201	T. C. Morrow Ranch	McKinley Drilling Co.	1969	1,765	12	1,739	Ec	685	--	--	T, C 250	Irr	Slotted from 1,439 to 1,739 ft. Cemented from 1,395 ft to surface. $\frac{1}{2}$
302	do	do	1969	1,764	12	1,741	Ec	690	--	--	T, C 250	Irr	Slotted from 1,441 to 1,741 ft. Cemented from 1,350 ft to surface. $\frac{1}{2}$

See footnotes at end of table.

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF TEST	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* KB-77-10-202	Clyde T. McKinley	McKinley Drilling Co.	1950	1,507	10 7	200 1,507	Ec	600	85	Feb. 1964	Sub. E 2	D	Perforated from 1,307 to 1,507 ft. Pump set at 273 ft. Reported yield of 20 gpm. Temp. 89°F. <i>y</i>
402	Pat Morris	E. H. Cannon Drilling Co.	1954	1,870	12 8	304 1,404	Ec	529	90	Mar. 1954	T. E 100	IV	Slotted from 1,350 to 1,406 ft. Open hole from 1,404 to 1,870 ft. Top of Carrizo Sand 1,350 ft. Development test: Drawdown of 50 ft while pumping 1,027 gpm in Mar. 1954. <i>y</i>
* 403	W. J. Watkins	--	1912	228	6	228	Eqc	569	58	June 1932	C. W	D. S	Well 146 in Water-Supply Paper 676. <i>y</i>
* 406	Clyde T. McKinley	McKinley Drilling Co.	1955	1,625	12 10	340 1,625	Ec	552	90 230	Apr. 1956 Nov. 1963	T. E 200	IV	Slotted from 1,355 to 1,625 ft. Reported yield of 1,000 gpm. Development test: Drawdown of 30 ft while pumping 1,000 gpm in 1963. Temp. 92°F. <i>y</i>
* 405	Clyric Vaughan, Jr.	A. A. Wuenach	1956	--	12	--	Ec	580	--	--	T. Ng 225	IV	Pump set at 350 ft. Reported yield of 572 gpm. Temp. 100°F. <i>y</i>
* 406	H. Woodward	E. H. Cannon Drilling Co.	1964	1,540	12 10	803 1,540	Ec	590	213	Jan. 27, 1964	T. Ng 225	IV	Perforated from 1,241 to 1,540 ft. Top of Carrizo Sand 1,241 ft. Pump set at 350 ft. Reported yield of 998 gpm. Development test: Drawdown of 57 ft while pumping 1,875 gpm on Jan. 27, 1964. Temp. 98°F. <i>y</i>
407	W. W. McKinley	McKinley Drilling Co.	1964	1,870	12	1,870	Ec	540	239	Oct. 1964	T. Ng 250	IV	Slotted from 1,570 to 1,870 ft. Top of Carrizo Sand 1,480 ft. Pump set at 400 ft. Development test: Drawdown of 51 ft while pumping 1,512 gpm in Oct. 1964. <i>y</i>
* 501	H. F. Stacy	E. H. Cannon Drilling Co.	1955	1,665	12 10	380 1,665	Ec	586	--	--	T. E 125	IV	Slotted from 1,450 to 1,665 ft. Top of Carrizo Sand 1,450 ft. Reported yield of 715 gpm. Development test: Drawdown of 75 ft while pumping 1,700 gpm. Temp. 96°F. <i>y</i>
* 502	W. W. McKinley	McKinley Drilling Co.	1956	1,725	12 10	614 1,725	Ec	547	126 250	Mar. 1956 Nov. 1963	T. Ng 250	IV	Slotted from 1,479 to 1,725 ft. Development test: Drawdown of 84 ft while pumping 1,942 gpm in Mar. 1956. Temp. 96°F. <i>y</i>
* 505	Tuther Carter	do	1967	1,730	12	1,730	Ec	568	--	--	T. Ng 150	IV	Slotted from 1,409 to 1,730 ft. Cemented from 1,330 ft to surface. Development test: Drawdown of 29 ft while pumping 1,700 gpm in Jan. 1968. Temp. 96°F. <i>y</i>
406	H. F. Stacy	E. H. Cannon Drilling Co.	1966	1,600	12 10	800 1,600	Ec	600	--	--	T. E 150	IV	--
602	John G. Kazu	McKinley Drilling Co.	1955	1,740	12 10	420 1,740	Ec	630	270	Nov. 1963	T. Ng 225	IV	Slotted from 1,475 to 1,740 ft. <i>y</i>
603	J. H. Woodward	E. H. Cannon Drilling Co.	1963	1,785	13 10	600 1,785	Ec	640	250 337.01	Feb. 1963 Apr. 11, 1972	T. Ng 150	IV	Slotted from 1,585 to 1,785 ft. Top of Carrizo Sand 1,585 ft. Development test: Drawdown of 49 ft while pumping 1,321 gpm in Feb. 1963. Observation well. <i>y</i>
701	A. J. Gidley	McKinley Drilling Co.	1955	1,788	12 10	400 1,788	Ec	538	--	--	T. E 100	IV	Slotted from 1,488 to 1,788 ft. <i>y</i>
702	Desiderio Elizondo	do	1963	1,711	12 8	500 1,700	Ec	561	183	Apr. 1963	T. E 150	IV	Slotted from 1,450 to 1,700 ft. Cemented from 1,400 ft to surface. Top of Carrizo Sand 1,450 ft. Pump set at 320 ft. Development test: Drawdown of 22 ft while pumping 1,150 gpm on Apr. 12, 1963. <i>y</i>
* 703	Catarino Elizondo	do	1963	1,720	12 8	500 1,720	Ec	568	218	1963	T. E 150	IV	Slotted from 1,450 to 1,700 ft. Cemented from 1,400 ft to surface. Top of Carrizo Sand 1,440 ft. Pump set at 320 ft. Reported yield of 712 gpm. Development test: Drawdown of 46 ft while pumping 1,104 gpm on May 6, 1963. Temp. 100°F. <i>y</i>

See footnotes at end of table.



FRIO COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
KB-77-16-704	Bennett Brothers	E. H. Cannon Drilling Co.	1956	1,826	12	1,600	Ec	550	--	--	T, Ng 250	Irr	Open hole from 1,600 to 1,826 ft. Top of Carrizo Sand 1,576 ft. Pump set at 400 ft. Reported yield of 1,050 gpm. <i>y y</i>
705	do	do	1963	1,870	12	1,870	Ec	532	184 198.54	Dec. 1963 Feb. 25, 1972	T, Ng 150	Irr	Slotted from 1,520 to 1,870 ft. Top of Carrizo Sand 1,519 ft. Pump set at 500 ft. Reported yield of 1,050 gpm. Development test: Drawdown of 70 ft while pumping 1,828 gpm in Dec. 1963. Observation well. <i>y y</i>
706	do	do	1964	1,813	12	1,813	Ec	530	266	July 1964	T, Ng 250	Irr	Slotted from 1,643 to 1,813 ft. Top of Carrizo Sand 1,643 ft. Pump set at 360 ft. Development test yielded 1,350 gpm. Temp. 96°F. <i>y y</i>
* 708	Holliday Haley	McKinley Drilling Co.	1964	1,800	12	1,785	Ec	545	264	Nov. 1964	T, E 150	Irr	Slotted from 1,535 to 1,785 ft. Open hole from 1,785 to 1,800 ft. Cemented from 1,455 ft to surface. Top of Carrizo Sand 1,500 ft. Pump set at 400 ft. Reported yield of 718 gpm. Development test: Drawdown of 45 ft while pumping 1,693 gpm on Nov. 19, 1964. Temp. 100°F. <i>y y</i>
801	Bennett Brothers	E. H. Cannon Drilling Co.	1952	1,828	12 8	328 1,628	Ec	520	60 221.68	Dec. 1, 1952 Mar. 24, 1972	N	N	Open hole from 1,628 to 1,828 ft. Top of Carrizo Sand 1,630 ft. Observation well. <i>y y y</i>
802	do	do	1954	1,850	12 8	411 1,648	Ec	510	50 152	Nov. 1954 May 21, 1965	T, Ng 200	Irr	Open hole from 1,648 to 1,850 ft. Top of Carrizo Sand 1,640 ft. Development test: Drawdown of 46 ft while pumping 1,400 gpm. Historical observation well. <i>y</i>
* 803	L. D. S. Welfare Farm	A. A. Wuensch	1955	1,919	12 10	400 1,710	Ec	565	115 210	Apr. 1956 Nov. 14, 1963	T, Ng 200	Irr	Open hole from 1,710 to 1,919 ft. Top of Carrizo Sand 1,685 ft. Development test: Drawdown of 30 ft while pumping 1,000 gpm. Temp. 100°F. <i>y</i>
21-301	Henry A. Buerger Estate	Johnson Drilling and Supply Co.	1955	2,314	20 13	106 2,314	Ec	620	320.90 436.50 355.29	Mar. 18, 1970 Apr. 5, 1971 Apr. 14, 1972	T, C 200	Irr	Oil test drilled to 17,000 ft, plugged back to 2,314 ft, and converted to water well. Shot perforated from 1,600 to 1,630 ft, 1,700 to 1,730 ft, 1,750 to 1,780 ft, and 1,820 to 1,850 ft. Cemented from 2,314 ft to surface. Top of Carrizo Sand 1,520 ft. Observation well. <i>y y</i>
22-201	Jesey Ranch	McKinley Drilling Co.	1942	1,803	10 7	200 1,803	Ec	565	98	Apr. 1956	N	N	Top of Carrizo Sand 1,501 ft. Reported yield of 850 gpm. <i>y y</i>
301	do	do	1942	1,790	10 7	200 1,790	Ec	545	54 234.21	Apr. 1956 Apr. 10, 1972	N	N	Slotted from 1,490 to 1,790 ft. Development test: Drawdown of 46 ft while pumping 850 gpm in 1956. Observation well. <i>y y y</i>
302	Mauerry King	do	1964	1,681	13 10	750 1,680	Ec	520	196	Feb. 1964	T, E 150	Irr	Slotted from 1,430 to 1,680 ft. Cemented from 1,380 ft to surface. Top of Carrizo Sand 1,370 ft. Pump set at 320 ft. Development test: Drawdown of 36 ft while pumping 1,729 gpm on Feb. 21, 1964. <i>y y</i>
* 303	Jesey Ranch	do	1967	1,878	12	1,776	Ec	630	--	--	T, E 200	Irr	Slotted from 1,556 to 1,776 ft. Open hole from 1,776 to 1,878 ft. Cemented from 1,500 ft to surface. Reported yield of 820 gpm. Development test yielded 1,600 gpm. Temp. 100°F. <i>y</i>
* 401	C. H. Chindo	E. H. Cannon Drilling Co.	--	--	--	--	Ec	605	--	--	T, C	S, Irr	Reported yield of 1,300 gpm. Temp. 102°F.
502	Milton Urban	do	1955	2,150	12 10	600 2,150	Ec	610	261.06 372.03	Feb. 10, 1964 Apr. 14, 1972	T, C 125	Irr	Slotted from 1,850 to 1,950 and 2,050 to 2,150 ft. Top of Carrizo Sand 1,850 ft. Pump set at 400 ft. Reported yield of 1,100 gpm. Observation well. <i>y y</i>
w 503	J. U. Weatherford	Clarence Homer Brown	1950	171	5	--	Et	570	31.73 31.58 28.64	Sept. 3, 1970 Apr. 5, 1971 Apr. 10, 1972	C, E	D	Observation well. <i>y y</i>

See footnotes at end of table.

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
KR-77-22-505	C. H. Chiodo	E. H. Cannon Drilling Co.	1965	1,950	12 10	1,000 1,950	Ec	570	--	--	T, B 125	D, S Irr	Slotted from 1,790 to 1,950 ft. Top of Carrizo Sand 1,790 ft. <i>y</i>
* 603	Milton Urban	do	1966	2,050	12 10	803 2,037	Ec	560	--	--	T, E 150	Irr	Slotted from 1,837 to 2,037 ft. Cemented from 1,770 ft to surface. Temp. 104°F. <i>y</i>
* 803	Lee Ewald	do	1967	1,315	10 7	450 1,285	E1	560	185	July 13, 1972	Sub, E 25	S, Irr	Slotted from 970 to 1,285 ft. Cemented. Pump set at 400 ft. Reported yield of 145 gpm. Temp. 96°F.
23-101	Josey Ranch	E. H. Cannon Drilling Co.	1955	1,720	16 12	312 1,600	Ec	495	--	--	T, Bg 250	Irr	Slotted from 1,400 to 1,600 ft. Open hole from 1,600 to 1,720 ft. Top of Carrizo Sand 1,410 ft. Pump set at 420 ft. <i>y</i>
* 102	do	McKinley Drilling Co.	1943	1,800	10	1,800	Ec	500	--	--	T, E 150	Irr	Slotted from 1,600 to 1,800 ft. Top of Carrizo Sand 1,535 ft. Reported flow of 350 gpm in 1943. Pump set at 420 ft. Reported yield of 1,060 gpm. Temp. 84°F. <i>y</i>
* 103	M. C. Powers	--	1926	250	4	250	E1	575	130	June 1932	C, W	S	<i>y</i>
201	Albert Klopek	E. H. Cannon Drilling Co.	1954	1,945	16 10	300 1,685	Ec	570	100	Apr. 1956	T, E 150	N	Open hole from 1,685 to 1,945 ft. Top of Carrizo Sand 1,685 ft. Unused irrigation well. Pump set at 400 ft. <i>y</i>
202	Couger and McGarrick	McKinley Drilling Co.	1962	1,795	12 10	409 1,785	Ec	520	194	July 1962	T, Bg 200	Irr	Slotted from 1,551 to 1,785 ft. Cemented from 1,494 ft to surface. Top of Carrizo Sand 1,555 ft. Pump set at 350 ft. Development test: Drawdown of 80 ft while pumping 1,108 gpm for 6 hours in July 1962. <i>y y</i>
203	Albert Klopek	E. H. Cannon Drilling Co.	1962	1,942	15 8	501 1,942	Ec	570	--	--	T, E 150	D, S Irr	Slotted from 1,692 to 1,942 ft. Top of Carrizo Sand 1,692 ft. Pump set at 400 ft. Reported yield of 1,000 gpm. <i>y</i>
* 204	H. A. Brundrett	do	1963	1,952	12 8	582 1,952	Ec	549	220	Apr. 1965	T, E 150	Irr	Slotted from 1,700 to 1,952 ft. Top of Carrizo Sand 1,700 ft. Pump set at 400 ft. Reported yield of 910 gpm. Temp. 101°F. <i>y</i>
301	Milton Davis	do	1954	1,919	12 8	386 1,530	Ec	515	72 260.57	Aug. 1954 Apr. 6, 1972	T, G	Irr	Open hole from 1,530 to 1,919 ft. Top of Carrizo Sand 1,530 ft. Development test: Drawdown of 83 ft while pumping 1,875 gpm on Aug. 19, 1954. Observation well. <i>y y</i>
302	Hobart Taylor	A. A. Wuenesch	1955	1,800	12	1,800	Ec	430	--	--	T, G	Irr	Pump set at 270 ft. Reported yield of 800 gpm. <i>y</i>
* 303	Calvin Gulley	E. H. Cannon Drilling Co.	1955	1,954	12 10	410 1,946	Ec	522	95 173	Aug. 1955 Oct. 1956	T, E 100	Irr	Slotted from 1,635 to 1,946 ft. Top of Carrizo Sand 1,635 ft. Pump set at 400 ft. Reported yield of 680 gpm. Development test: Drawdown of 115 ft while pumping 1,693 gpm in Aug. 1955. Temp. 103°F. <i>y</i>
304	Willie Carter	do	1969	1,954	12 10	1,000 1,954	Ec	505	--	--	T, G 240	Irr	Slotted from 1,650 to 1,900 ft. Cemented from 1,150 ft to surface. Pump set at 440 ft. Reported yield of 1,250 gpm.
501	Robert Good	--	1955	1,946	10 7	482 1,672	Ec	560	--	--	T, Bg 150	S, Irr	Open hole from 1,672 to 1,946 ft. Top of Carrizo Sand 1,650 ft. Pump set at 480 ft. Reported yield of 500 gpm. <i>y</i>
* 502	do	W. D. Morrison	1927	305	10	--	E1	544	95	June 1932	Sub, E 1	S	Well 121 in Water-Supply Paper 678. Pump set at 140 ft. Reported yield of 175 gpm. <i>y</i>
* 503	H. A. Brundrett	E. H. Cannon Drilling Co.	1954	1,930	12 10	500 1,930	Ec	545	80	Apr. 1956	T, E 150	Irr	Slotted from 1,700 to 1,930 ft. Top of Carrizo Sand 1,700 ft. Pump set at 400 ft. Reported yield of 935 gpm. Temp. 101°F. <i>y</i>

See footnotes at end of table.

FRIO COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
KA-77-23-504	Clarence Homer Brown	Clarence Homer Brown	1963	360	8	360	E1	560	120	Apr. 1965	T, E 25	Irr	Perforated from 300 to 360 ft. Pump set at 240 ft. Reported yield of 400 gpm. <i>y</i>
* 509	Robert Cood	E. H. Cannon Drilling Co.	1966	2,050	12 10	800 2,050	En	575	364.46 314.17	Aug. 19, 1969 Apr. 6, 1972	T, Ng 225	S, Irr	Slotted from 1,800 to 2,050 ft. Top of Carrizo Sand 1,790 ft. Pump set at 440 ft. Reported yield of 800 gpm. Development test yielded 1,550 gpm in Feb. 1966. Temp. 94°F. Observation well. <i>y</i>
510	Coleman Brothers	McKinley Drilling Co.	1965	1,987	12	1,954	Ec	576	258	Feb. 1965	T, Ng 225	Irr	Slotted from 1,715 to 1,954 ft. Open hole from 1,954 to 1,987 ft. Cemented from 1,630 ft to surface. Top of Carrizo Sand 1,770 ft. Pump set at 400 ft. Development test: Drawdown of 65 ft while pumping 1,930 gpm on Feb. 17, 1965. <i>y</i>
* 601	Walter Stevenson	--	1941	110	4	110	E1	500	--	--	C, W	D, S	<i>y</i>
* 602	Eugene Proctor	E. H. Cannon Drilling Co.	1964	2,080	12	2,080	Ec	500	216 192.58 179.23	Nov. 1964 Jan. 8, 1970 Mar. 18, 1970	T, Ng	Irr	Slotted from 1,750 to 2,080 ft. Top of Carrizo Sand 1,750 ft. Pump set at 400 ft. Reported yield of 930 gpm. Development test: Drawdown of 78 ft while pumping 1,885 gpm in Nov. 1964. Temp. 104°F. Observation well. <i>y</i>
* 701	Melvin McDermind	do	1955	2,045	12 10	400 2,045	Ec	560	140 324.72	Apr. 1956 Apr. 19, 1972	T, E 150	Irr	Slotted from 1,870 to 2,045 ft. Top of Carrizo Sand 1,870 ft. Pump set at 550 ft. Reported yield of 1,000 gpm. Development test: Drawdown of 65 ft while pumping 1,400 gpm in Apr. 1956. Temp. 94°F. Observation well. <i>y</i>
* 801	City of Dilley	McMaster and Pomeroy	1924	2,010	10	2,010	Ec	560	17 129	Jan. 1928 Sept. 9, 1960	N	N	Well 113 in Water-Supply Paper 676. Abandoned. Plug set at 250 ft. Slotted from 1,925 to 2,010 ft. Top of Carrizo Sand 1,923 ft. Reported yield of 240 gpm. Development test: Drawdown of 40 ft while pumping 240 gpm in Apr. 1945. Temp. 101°F. Historical observation well. <i>y</i>
* 802	do	McKinley Drilling Co.	1952	523	10	340	E1	561	111 114.58	Oct. 1952 May 12, 1971	T, E 40	P	Slotted from 260 to 340 ft. Open hole from 340 to 523 ft. Cemented from 230 ft to surface. Pump set at 300 ft. Reported yield of 450 gpm. Development test: Drawdown of 21 ft while pumping 272 gpm on May 12, 1953. Observation well. <i>y</i>
* 803	do	do	1956	2,082	12 10	500 1,930	Ec	562	182 273.66	July 1956 Apr. 6, 1972	T, E 100	P	Slotted from 1,810 to 1,930 ft. Open hole from 1,930 to 2,082 ft. Top of Carrizo Sand 1,800 ft. Pump set at 500 ft. Reported yield of 800 gpm. Development test: Drawdown of 29 ft while pumping 692 gpm for 1-1/2 hours on Sept. 27, 1962. Temp. 94°F. Observation well. <i>y</i>
* 806	Rose and Avant	--	--	200	--	--	E1	560	--	--	C, E	D	Well 130 in Water-Supply Paper 676. <i>y</i>
* 805	Gus B. Nauerman	W. D. Morrison	1927	307	10	307	E1	543	110	Jan. 1928	C, E	D, S	Well 132 in Water-Supply Paper 676. Reported yield of 35 gpm. <i>y</i>
903	Jose Obregon	E. H. Cannon Drilling Co.	1954	2,003	10 7	500 2,003	Ec	510	84	Dec. 1954	T, G 150	Irr	Slotted from 1,720 to 2,003 ft. Top of Carrizo Sand 1,790 ft. Development test: Drawdown of 109 ft while pumping 1,207 gpm in Dec. 1954. <i>y</i>
* 902	W. D. Morrison	W. D. Morrison	1929	370	12	370	E1	552	110	June 1932	N	N	Well 133 in Water-Supply Paper 676. <i>y</i>
* 24-101	J. C. Thompson	E. H. Cannon Drilling Co.	1958	1,906	12 10	400 1,782	Ec	500	99 130	May 1955 May 1956	T, Ng 225	Irr	Slotted from 1,732 to 1,782 ft. Open hole from 1,782 to 1,906 ft. Top of Carrizo Sand 1,707 ft. Pump set at 150 ft. Reported yield of 1,100 gpm. Development test: Drawdown of 59 ft while pumping 2,170 gpm in Apr. 1955. Temp. 100°F. <i>y</i>

See footnotes at end of table.

MREO COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (FE)	DATE OF MEASUREMENT			
RR-77-24-103	J. C. Thompson	R. H. Cannon Drilling Co.	1967	1,990	13 12	1,000 1,990	Ec	495	--	--	T, Ng 225	Irr	Perforated. Cemented from 1,990 ft to surface.
* 201	G. L. Samuels	Pegg Brothers	1942	2,140	10 7 5	-- -- 2,140	Ec	490	72.25	Feb. 10, 1961	T, E 7-1/2	S	Perforated from 1,940 to 2,140 ft. Flowed until 1946. Reported yield of 40 gpm. Temp. 96°F. Historical observation well. <u>1/4</u>
202	Sennett Brothers	E. H. Cannon Drilling Co.	1963	2,030	13 10	512 2,030	Ec	458	111 194.71	Jan. Apr. 14, 1972	T, Ng 225	Irr	Slotted from 1,760 to 2,030 ft. Top of Carrizo Sand 1,760 ft. Development test: Drawdown of 51 ft while pumping 1,623 gpm in Jan. 1963. Observation well. <u>3/4</u>
* 203	P. J. Morales	do	1962	2,096	12 10 8	496 2,030 --	Ec	510	102 214	Mar. Nov. 4, 1969	T, E 125	Irr	Slotted from 1,760 to 2,030 ft. Cemented from 1,820 ft to surface. Top of Carrizo Sand 1,820 ft. Pump set at 260 ft. Development test: Drawdown of 53 ft while pumping 1,779 gpm in Mar. 1962. <u>4/4</u>
* 204	Fac American Petroleum Corp.	Buck Page and Co.	1964	1,002	7	1,002	Eqc	495	--	--	T, G 150	Irr	Temp. 100°F. <u>1/4</u>
205	N. W. Jones	E. H. Cannon Drilling Co.	1963	2,000	13 10	500 2,000	Ec	460	109 198.85	Nov. 5, 1969	T, Ng 225	Irr	Formerly well was 77-24-102 in Report 32. Slotted from 1,700 to 2,000 ft. Cemented from 1,700 ft to surface. Development test: Drawdown of 50 ft while pumping 1,598 gpm on Feb. 8, 1963. <u>4/4</u>
301	Sennett Brothers	McKinley Drilling Co.	1963	2,160	13 10	600 2,142	Ec	582	188 220.15	Aug. Apr. 11, 1972	T, Ng 225	Irr	Slotted from 1,830 to 2,142 ft. Open hole from 2,142 to 2,160 ft. Cemented from 1,750 ft to surface. Top of Carrizo Sand 1,757 ft. Development test: Drawdown of 43 ft while pumping 1,125 gpm in Aug. 1963. Observation well. <u>1/2 2/3 4/4</u>
* 302	do	do	1963	2,167	13 8	615 2,164	Ec	470	200 220.5	Sept. Nov. 4, 1969	T, Ng 225	Irr	Slotted from 1,864 to 2,164 ft. Open hole from 2,164 to 2,167 ft. Cemented from 1,700 ft to surface. Top of Carrizo Sand 1,755 ft. Pump set at 300 ft. Reported yield of 875 gpm. Development test: Drawdown of 51 ft while pumping 1,025 gpm on Sept. 24, 1963. Temp. 104°F. <u>1/4</u>
303	P. J. Morales	E. H. Cannon Drilling Co.	1962	2,166	12 10	498 2,160	Ec	528	118 236.99	Feb. Nov. 4, 1969	T, E 125	Irr	Slotted from 1,926 to 2,160 ft. Top of Carrizo Sand 1,926 ft. Pump set at 260 ft. Development test: Drawdown of 47 ft while pumping 1,600 gpm in Feb. 1962. <u>4/4</u>
* 78-01-101	J. E. Berry	--	1900	150	6	--	Eqc	560	20 77.84	Apr. 17, 1972	Sub, E	S	Well 23 in Water-Supply Paper 676. Temp. 79°F. Observation well. <u>3/4</u>
103	Frio-Tex-Oil and Gas Corp.	R. H. Cannon Drilling Co.	1958	930	8	930	Ec	580	80 158	Oct. 10, 1963	T, E 20	D, Ind	Slotted from 822 to 930 ft. <u>4/4</u>
104	W. O'Quinn	do	--	973	12	884	Ec	558	--	--	T, E 50	D	Slotted from 780 to 884 ft. Open hole from 884 to 973 ft. Top of Carrizo Sand 565 ft. Unused irrigation well. Development test: Drawdown of 46 ft while pumping 2,000 gpm. <u>4/4</u>
* 109	James Berry	--	1965	147	6	147	Eqc	570	77.58	Aug. 26, 1970	Sub, E 3/4	D	Temp. 83°F.
201	F. Biediger	--	1930	500	8	500	Ec	539	5.00 15.71	July 11, 1951	C, E	D, S	Well 28 in Water-Supply Paper 676. Historical observation well. <u>4/4</u>
202	do	--	--	--	--	--	--	542	18.00 37.89	July 15, 1953 Jan. 20, 1957	C, W	S	Historical observation well. <u>4/4</u>
* 203	O. H. Griffin	Monte Higdon Water Well Drilling	1961	890	7 5	500 890	Ec	526	55	Sept. 10, 1963	Sub, E	D, S	Pump set at 130 ft. Development test: Drawdown of 30 ft while pumping 450 gpm for 10 hours in 1961. <u>4/4</u>

See footnotes at end of table.

FRIO COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
KB-78-01-204	C. K. Thompson	McKinley Drilling Co.	1961	850	8	850	Ec	561	--	--	Sub, E 7-1/2	D, Ind	Water used to repressure oil field. Slotted from 650 to 850 ft. Cemented from 617 ft to surface. Top of Carrizo Sand 725 ft. <i>Y Y</i>
205	A. Lee	E. H. Cannon Drilling Co.	1962	900	12 10	400 900	Ec	541	111	1962	T, Ng 170	Irr	Slotted from 670 to 900 ft. Top of Carrizo Sand 670 ft. Pump set at 180 ft. Development test: Drawdown of 54 ft while pumping 1,457 gpm in 1962. <i>Y Y</i>
301	M. R. McDonald	Pegg Brothers	1956	1,199	12	1,199	Ec	525	75 97.04	Nov. 15, 1956 Mar. 20, 1970	T, E 100	Irr	Slotted from 832 to 1,199 ft. Cemented from 850 ft to surface. Pump set at 190 ft. Reported yield of 1,200 gpm. Development test: Drawdown of 62 ft while pumping 2,050 gpm on Nov. 15, 1956. Observation well. <i>Y Y</i>
502	T. W. Labett	Fronto Drilling Co.	1955	1,500	7	1,500	Ec	530	25	1955	T, G 75	S, Irr	Pump set at 140 ft. Reported yield of 300 gpm. <i>Y</i>
* 503	do	Lawrence and Joe Swirc	1951	462	4	462	Egc	600	35	1952	J, E 1/2	D, S	<i>Y</i>
704	Riggan and Neal Farm, Inc.	E. H. Cannon Drilling Co.	1967	1,300	13	1,300	Ec	615	--	--	T, B 240	Irr	Slotted. Pump set at 400 ft. Reported yield of 1,300 gpm.
705	T. C. Morrow Ranch	Morrow Drilling Co.	1968	1,412	12	--	Ec	580	--	--	T	Irr	Slotted. Pump set at 600 ft.
801	Ralph A. Johnston	McKinley Drilling Co.	1959	1,413	12 10	468 1,413	Ec	501	50 161.36	Apr. 1959 Apr. 19, 1972	T, E	D, S	Slotted from 1,185 to 1,413 ft. Reported yield of 900 gpm. Development test: Drawdown of 65 ft while pumping 2,010 gpm in Apr. 1959. Observation well. <i>Y Y</i>
802	do	do	1962	1,477	12 10 8	219 1,131 1,425	Egc, Ec	541	105 185.80	Mar. 1962 Oct. 8, 1969	T, E 100	Irr	Slotted from 860 to 1,425 ft. Cemented from 800 ft to surface. Pump set at 180 ft. Development test: Drawdown of 55 ft while pumping 1,600 gpm for 30 hours in Mar. 1962. <i>Y Y Y</i>
804	Leo Newsom	do	1962	1,311	12 10	511 1,311	Ec	515	82	Dec. 1962	T, B 125	Irr	Slotted from 1,012 to 1,309 ft. Cemented from 980 ft to surface. Top of Carrizo Sand 1,000 ft. Pump set at 150 ft. Development test: Drawdown of 47 ft while pumping 1,715 gpm on Dec. 3, 1962. <i>Y Y</i>
805	H. B. McDonald	Johnson Drilling and Supply Co.	1964	1,300	12 10 8	1,098 1,204 1,300	Ec	540	143 177.60	Dec. 1964 Oct. 9, 1969	T, E 125	Irr	Slotted from 1,098 to 1,300 ft. Cemented from 1,098 ft to surface. Pump set at 240 ft. Reported yield of 1,400 gpm. Development test yielded of 1,850 gpm on Dec. 18, 1964. <i>Y Y</i>
904	Edward Mann	E. H. Cannon Drilling Co.	1965	1,570	12	1,570	Ec	530	137	Jan. 1965	T, G 225	Irr	Slotted from 1,220 to 1,570 ft. Top of Carrizo Sand 1,220 ft. Pump set at 250 ft. Development test: Drawdown of 46 ft while pumping 2,156 gpm on Jan. 27, 1965. <i>Y</i>
02-401	Rogers L Davis	--	1951	1,162	--	--	Ec	585	95	Apr. 1956	T, B 30	Irr	Oil test drilled to 3,780 ft, plugged back to 1,162 ft, and converted to water well. Top of Carrizo Sand 950 ft. <i>Y</i>
* 402	Mrs. Alma Marburgne	McKinley Drilling Co.	1955	1,445	12 8	400 1,445	Ec	582	85 206.77	do. Apr. 17, 1972	T, E 100	Irr	Slotted from 1,135 to 1,445 ft. Reported yield of 554 gpm. Development test yielded 1,027 gpm on Jan. 24, 1955. Temp. 92°F. Observation well. <i>Y Y</i>
501	Schouffield Ranch	--	1950	--	12	--	Ec	572	50 176.92	1950 Apr. 17, 1972	T, E 30	Irr	Top of Carrizo Sand 885 ft. Reported yield of 800 gpm. Development test: Drawdown of 21 ft while pumping 368 gpm on Apr. 12, 1962. Observation well. <i>Y Y</i>
* 502	Jack Wier	McKinley Drilling Co.	1955	1,265	10 8	307 1,247	Ec	520	42 58.8 91.03	Mar. 1955 Apr. 1956 May 20, 1965	T, B 50	Irr	Slotted from 977 to 1,247 ft. Reported yield of 550 gpm. Development test: Drawdown of 103 ft while pumping 952 gpm on Mar. 20, 1955. Temp. 82°F. <i>Y</i>

See footnotes at end of table.

FRIO COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BETWEEN LAND SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
KB-78-02-701	Otto Mann, Sr.	E. H. Cannon Drilling Co.	1954	1,588	10 7	300 1,200	Ec	553	60 181.25	Apr. 1965 June 25, 1970	N	N	Open hole from 1,200 to 1,588 ft. Top of Carrizo Sand 1,175 ft. Development test: Drawdown of 85 ft while pumping 700 gpm in 1954. <i>y/y</i>
* 702	Wesley Stacy	McKinley Drilling Co.	1955	1,764	12 10	400 1,764	Ec	522	69.82 173.36	Nov. 15, 1960 Apr. 18, 1972	T, E 125	Irr	Perforated from 1,580 to 1,764 ft. Top of Carrizo Sand 1,420 ft. Pump set at 250 ft. Reported yield of 825 gpm. Temp. 96°F. Observation well. <i>y/y</i>
704	Tony Mann	E. H. Cannon Drilling Co.	1955	1,750	12 10	400 1,250	Ec	580	229.95	Oct. 9, 1969	T, E 175	Irr	Open hole from 1,250 to 1,750 ft. Top of Carrizo Sand 1,230 ft. Development test yielded 1,675 gpm on June 16, 1955. <i>y/y</i>
706	Edward Mann	McKinley Drilling Co.	1957	1,528	12 8	624 1,528	Ec	556	120	Jan. 29, 1957	T, G 150	Irr	Slotted from 1,288 to 1,528 ft. Top of Carrizo Sand 1,275 ft. Development test: Drawdown of 65 ft while pumping 1,400 gpm on Jan. 29, 1957. <i>y/y</i>
707	Otto Mann, Jr.	do	1964	1,500	12	1,498	Ec	558	166	Dec. 1964	T, E 125	Irr	Slotted from 1,210 to 1,379 ft and 1,417 to 1,498 ft. Cemented from 1,150 ft to surface. Top of Carrizo Sand 1,100 ft. Pump set at 250 ft. Development test: Drawdown of 43 ft while pumping 2,185 gpm on Oct. 30, 1964. <i>y/y</i>
* 708	do	do	1967	1,530	12	1,503	Ec	549	--	--	T, E 150	Irr	Slotted from 1,203 to 1,503 ft. Cemented from 1,142 ft to surface. Pump set at 310 ft. Reported yield of 1,090 gpm. Temp. 94°F. <i>y/y</i>
* 709	do	Olaf L. Boone	--	555	7 4	300 555	Eqc	565	201.89 221.90	Aug. 27, 1970 Apr. 17, 1972	Sub, E 1	D	Perforated. Temp. 84°F. Observation well. <i>y/y</i>
* 804	H. L. Michelberger	McKinley Drilling Co.	1963	1,647	12 8	507 1,632	Ec	530	118	Feb. 1963	T, G 150	Irr	Slotted from 1,371 to 1,632 ft. Cemented from 1,307 ft to surface. Top of Carrizo Sand 1,285 ft. Development test: Drawdown of 59 ft while pumping 1,090 gpm on Feb. 22, 1963. Temp. 96°F. <i>y/y</i>
* 808	Lawrence Tschiehart	do	1966	1,658	12	1,688	Ec	570	--	--	T, C 150	Irr	Slotted from 1,440 to 1,688 ft. Cemented from 1,360 ft to surface. Reported yield of 722 gpm. Development test: Drawdown of 43 ft while pumping 1,312 gpm in Feb. 1966. Temp. 96°F. <i>y/y</i>
* 09-101	Clyde R. Cox	E. H. Cannon Drilling Co.	1955	1,700	12 8	350 1,600	Ec	550	65	Jan. 1955	T, Mg 250	Irr	Open hole from 1,600 to 1,700 ft. Top of Carrizo Sand 1,300 ft. Pump set at 300 ft. Development test: Drawdown of 35 ft while pumping 1,400 gpm. Temp. 98°F. <i>y/y</i>
102	T. C. Morrow Ranch	do	1963	1,640	13 8	600 1,640	Ec	541	132	1963	T, G 200	N	Slotted from 1,363 to 1,640 ft. Top of Carrizo Sand 1,363 ft. Unused irrigation well. Pump set at 300 ft. Development test: Drawdown of 64 ft while pumping 1,400 gpm in 1963. <i>y/y</i>
104	Arthur Shatber, Jr.	do	1965	1,501	10 8	724 1,501	Ec	580	185	Feb. 1965	T, Mg 210	Irr	Slotted from 1,261 to 1,501 ft. Top of Carrizo Sand 1,240 ft. Pump set at 250 ft. Development test: Drawdown of 52 ft while pumping 1,416 gpm on Feb. 9, 1965. <i>y/y</i>
* 105	Clyde R. Cox	Favor Drilling Co.	1966	55	7	55	Es	540	13.47 12.22	Aug. 27, 1970 Apr. 20, 1972	Sub, E 1-1/2	D, E	Slotted from 55 to 55 ft. Temp. 76°F. Observation well. <i>y/y</i>
301	Edward Mann, Jr.	McKinley Drilling Co.	1953	1,460	--	--	Ec	485	--	--	T, G 100	Irr	Top of Carrizo Sand 1,172 ft. Reported flow of 8 gpm in 1958. Pump set at 200 ft. Reported yield of 900 gpm. <i>y/y</i>
* 302	Oppenheimer and Lang	O. Z. Boone	1929	860	4	860	Eqc	468	+ 32	May 1932	Flows	S	Well 84 in Water-Supply Paper 676. <i>y/y</i>
303	Clyde R. Cox	McKinley Drilling Co.	1955	1,710	12 8	313 1,710	Ec	496	20	Jan. 1955	N	N	Slotted from 1,420 to 1,710 ft. Top of Carrizo Sand 1,460 ft. Development test: Drawdown of 100 ft while pumping 1,750 gpm in Jan. 20, 1955. <i>y/y</i>

See footnotes at end of table.

## FRIO COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER SEALING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE (ft)	DATE OF MEASUREMENT			
* KR-78-09-304	Ansel Burgess	--	1956	1,413	12	--	Ec	481	58 90	Dec. 1956 Dec. 1963	T, E 100	Irr	Reported yield of 880 gpm. Development test: Drawdown of 77 ft while pumping 2,157 gpm on Dec. 4, 1956. Temp. 96°F. <i>y y y</i>
305	Lee White	McKinley Drilling Co.	1964	1,678	12 8	603 1,678	Ec	471	68 148.50	Jan. 1964 Apr. 20, 1972	T, E 125	Irr	Slotted from 1,425 to 1,675 ft. Cemented from 1,368 ft to surface. Development test: Drawdown of 103 ft while pumping 1,865 gpm on Jan. 29, 1964. Observation well. <i>y y y</i>
403	John G. Kain	E. H. Cannon Drilling Co.	1968	1,735	12	1,735	Ec	370	--	--	T, Ng 150	Irr	Slotted from 1,425 to 1,735 ft.
501	--Skinner	--	1939	1,840	4	1,840	Ec	530	8 162.7	Feb. 2, 1963	C, W	D, S	Slotted from 1,740 to 1,840 ft. Historical observation well. <i>y</i>
* 502	Dppenheimer and Lang	I. V. Bettison	1912	1,757	12 6	-- --	Ec	498	+ 58 160	Oct. 1930 Oct. 1963	T, E 40	D	Well 110 in Water-Supply Paper 676. Temp. 96°F. <i>y</i>
* 503	do	--	1952	1,700	--	--	Ec	520	60	Dec. 1954	T, E 100	Irr	Off crest drilled to 5,004 ft, plugged back to 1,700 ft, and converted to water well. Top of Carrizo Sand 1,510 ft. Reported yield of 965 gpm. Temp. 98°F. <i>y</i>
* 504	do	McKinley Drilling Co.	1963	1,804	12 10	726 1,800	Ec	532	165	Dec. 1963	T, E 150	Irr	10-inch casing slotted from 1,550 to 1,800 ft. Reworked, installed 8-inch liner from 1,396 to 1,700 ft. Perforated from 1,450 to 1,700 ft. Cemented from 1,490 ft to surface. Pump set at 300 ft. Reported yield of 805 gpm. Development test: Drawdown of 60 ft while pumping 975 gpm on Dec. 10, 1963. Temp. 96°F. <i>y y y</i>
* 505	do	do	1966	1,931	12 10	843 1,925	Ec	519	--	--	T, E 150	Irr	Slotted from 1,655 to 1,925 ft. Open hole from 1,925 to 1,931 ft. Cemented from 1,586 ft to surface. Temp. 96°F. <i>y</i>
* 506	do	do	1966	1,864	12 10	801 1,864	Ec	550	--	--	T, E 150	Irr	Slotted from 1,614 to 1,864 ft. Cemented from 1,550 ft to surface. Reported yield of 911 gpm. Temp. 98°F. <i>y</i>
* 602	do	do	1964	1,862	12 10	680 1,860	Ec	491	107 179.22	Feb. 1964 Apr. 20, 1972	T, E 125	Irr	Slotted from 1,610 to 1,860 ft. Open hole from 1,860 to 1,862 ft. Cemented from 1,550 ft to surface. Top of Carrizo Sand 1,580 ft. Pump set at 280 ft. Development test: Drawdown of 150 ft while pumping 1,613 gpm on Feb. 21, 1964. Temp. 96°F. Observation well. <i>y y y</i>
* 701	J. C. Kain	do	1955	1,800	12 10	386 1,800	Ec	602	--	--	T, C 210	Irr	Slotted from 1,510 to 1,800 ft. Reported yield of 1,000 gpm. Development test yielded 1,950 gpm. Temp. 97°F. <i>y</i>
* 801	Floyd McGowan	--	--	1,700	10	1,700	Ec	483	--	--	--	D, S	Well 111 in Water-Supply Paper 676. Temp. 98°F. <i>y</i>
10-101	Euland Cox	A. A. Woensch	1956	1,760	12 8	350 1,760	Ec	518	--	--	T, E 125	Irr	Slotted from 1,510 to 1,760 ft. Pump set at 190 ft. Reported yield of 1,000 gpm. <i>y</i>
* 102	Andres Garcia	Lawrence and Joe Swierc	1955	1,737	10 8	1,500 1,717	Ec	558	80	1955	T, G 100	Irr	Open hole from 1,717 to 1,737 ft. Reported yield of 420 gpm. Temp. 96°F. <i>y</i>
* 103	Paul Stutz	McKinley Drilling Co.	1961	1,550	12 8	400 1,550	Ec	559	144 222.11	Aug. 1961 Apr. 20, 1972	T, E 100	Irr	Pump set at 380 ft. Development test: Drawdown of 106 ft while pumping 800 gpm on Aug. 22, 1961. Temp. 95°F. Observation well. <i>y y</i>
* 105	Julius Mann	E. H. Cannon Drilling Co.	1966	1,690	12 10	800 1,690	Ec	530	--	--	T, E 150	Irr	Slotted from 1,420 to 1,690 ft. Cemented from 1,293 ft to surface. Reported yield of 743 gpm. Temp. 96°F. <i>y</i>

See footnotes at end of table.

FRIO COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
KB-78-10-106	Alma Mann	McKinley Drilling Co.	1968	1,736	12 10	598 1,725	Ec	500	--	--	T, E 150	Irr	Slotted from 1,425 to 1,725 ft. Open hole from 1,725 to 1,736 ft. Cemented from 1,355 ft to surface. <sup>1)</sup>
201	E. C. Dillard	Nobil Oil Co.	1968	1,800	10 7	700 1,800	Sc	540	179.29	Nov. 3, 1969	T, E 125	Irr	Oil test converted to water well. Development test yielded 1,000 gpm. <sup>2)</sup>
* 17-301	E. S. Crave	Monte Higdon Water Well Drilling	1945	193	5	193	Ec	470	--	--	J, E	U, S	<sup>3)</sup>
* 502	Frank Schary	Clarence Homer Brown	1967	310	7	310	Ec	505	65.95 57.00 57.33	Sept. 3, 1970 Mar. 31, 1971 Apr. 11, 1972	C, W	S	Slotted from 260 to 310 ft. Temp. 80°F. Observation well. <sup>3)</sup>
* 18-204	H. and E. C. Rose	Humble Oil and Refining Co.	1945	1,833	10	1,833	Fgc	470	--	--	Flows	S	Oil test drilled to 8,589 ft, plugged back to 1,833 ft, and converted to water well. Shot perforated from 1,812 to 1,833 ft. Reported flow of 400 gpm in Apr. 1946. <sup>3)</sup>
* 401	W. J. Hinder	--	1917	2,114	8	--	Ec	401	+ 80 26.13	1929 Apr. 11, 1972	Sub, E	S	Well 114 in Water-Supply Paper 676. Temp. 99°F. Observation well. <sup>1) 3) 4)</sup>

\* For chemical analysis of water, see Table 4.

<sup>1)</sup> Drillers' log in files of the Texas Water Development Board.

<sup>2)</sup> Mechanical logs in files of the Texas Water Development Board.

<sup>3)</sup> For water-level measurements from observation wells, see Table 3.

<sup>4)</sup> Well also appears in Texas Water Development Board Report 32, "Ground-Water Resources of Atascosa and Frio Counties, Texas," 1966.



# FRIO COUNTY

## Table 2.—Selected Oil, Gas, and Stratigraphic Tests

Type Log: D, Drillers'; E, Electric; R, Radioactive; S, Sample.  
Logs in Texas Water Development Board files

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
KB-68-57-409	C. C. Winn	Frank Wall No. 1	1956	3,401	599	E
803	Rock Hill Oil Co.	A. Hitzfelder No. 1	1955	3,625	599	E
807	Mason Fargason and Mineral Estate, Inc.	Mae Usery, et al. No. 1	1963	3,165	559	E
909	Miller Royalty Co. and C. C. Dauchy	F. H. McFarren No. 1	1949	3,138	592	E
914	Lewis Oil Co.	C. R. Thompson No. B-2	1954	3,065	569	E
915	Shell Oil Co.	T. W. Bain No. 22	1954	3,078	567	E
916	G. A. Schimel	A. E. Williams No. 1	1951	2,870	641	E
58-201	Theljohn Oil Co.	C. A. Davidson No. 1	1954	2,429	570	E
705	Shell Oil Co.	— Burns No. 1	—	—	654	E
804	Wherry and Green	W. E. Dickerson No. 1	1953	3,262	635	E
805	The Texas Co.	— Burnes No. B-17	1954	3,587	609	E
69-61-907	Wilcox Oil and Gas Co.	R. H. Harris No. 1	1939	4,065	655	E
62-603	Don F. Tobin	J. B. McMahan No. 1	1968	3,320	635	E
63-301	Gillespie, Rossman and White	J. W. Ward No. 1	1959	2,226	673	E
64-702	P. G. Lake, Inc.	E. G. Gracey and Oscar Wegenhoff No. 1	1954	3,829	651	E
802	Lone Star Producing Co.	L. F. Sirianni No. 1	1955	2,752	716	E
77-05-302	Kirkwood and Alsabrook	Mark L. Brown No. 1-A	1961	4,840	757	E
901	R. L. Kirkwood	Griffith Williams No. 1	1949	4,265	601	E
06-801	C. C. Dunwoody, Jr.	Halff and Oppenheimer No. 1	1953	4,023	740	E
08-606	Howeth and Mason	Ernest Berry No. 1	1953	3,737	603	E
717	Pronto Drilling Co.	Halff and Oppenheimer No. 1	1955	4,399	618	E
805	Newman Brothers Drilling Co. and Alaska Steamship Co.	— Cudd No. 1	1949	4,342	642	E
807	Jergins Oil Co.	L. Padgett No. 1	1948	4,318	638	E
811	Martin, Shelly and Thomas	Virgil Toalson No. 1	1950	4,375	650	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Frio County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
KB-77-08-901	Oil and Gas Properties Management Inc.	J. M. Riggan No. 1	1961	4,130	614	E
904	Martin, Shelly and Thomas	Leo Newsom No. 1	1951	4,410	628	E
908	do.	Leo Newsom No. 2	1951	4,270	620	E
14-101	Skinner, et al.	A. Hauser Estate No. 1-A	1947	4,563	610	E
401	Humble Oil and Refining Co.	Wm. Talasek No. 1	1949	6,701	581	E
502	do.	Sid Katz No. 1	1950	6,478	542	E
503	do.	Ruth Harlan No.	1949	6,494	590	E
701	do.	Frank Doering No. 1	1948	6,647	577	E
703	do.	Frank Doering No. 3	1950	4,115	580	E
802	Katz Oil Co. and Lone Star Producing Co.	J. H. Calvert No. 1	1958	10,993	552	E
806	Humble Oil and Refining Co.	Ora Park No. 1	1949	6,452	510	E
15-203	W. B. Osborn, et al.	— Davies No. 2	1941	3,915	535	E
204	Amerada Petroleum Corp.	Elgin O. Kothman No. 2	1949	5,650	525	E
305	do.	— Melms No. 1	1937	3,887	555	E
309	Highland Oil Co.	Nat M. Johnson No. 1	1944	3,957	550	E
310	do.	Halff and Oppenheimer No. 8	1944	3,920	536	E
311	Falcon, Seaboard and Dunwoodey	M. Tschirhart No. 1	1940	3,941	548	E
313	do.	G. H. Bever No. 1	1960	9,666	550	E
401	J. C. Hawkins, W. M. Nichol and Henshaw Brothers	C. H. Miller No. 1	1948	5,484	610	E
403	do.	Cory and McWilliams No. 3	1948	5,693	570	E
404	do.	Cory and McWilliams No. 6	1949	5,413	541	E
405	Star Oil Co.	— Smith No. A-1	1949	5,785	570	R
406	do.	W. A. Smith No. 1	1949	5,410	602	E
407	Amerada Petroleum Corp. and Rycade Oil Corp.	W. H. Smith No. 5	1949	5,770	600	E
408	Star Oil Co.	W. H. Smith No. B-1	1949	6,204	555	E
503	Forrest Oil Corp., et al.	Lillie H. Oppenheimer, et al. No. 1	1949	5,350	500	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Frio County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
KB-77-15-604	Carril Oil Co.	— Cude No. 1	1954	5,421	531	E
16-204	Sun Oil Co.	G. F. Toalson, et al. No. 1	1948	4,799	712	E
208	H. & J. Drilling Co.	Ed Mann No. 1	1965	4,216	665	E
503	O. W. Killiam	W. W. McKinley No. 1	1953	4,914	559	E
601	Producers Corp. of Nevada	Irma Mills No. 1	1954	4,842	673	E
707	Dunwoody and Alaska Steamship Co.	Jesse Dobbs No. 1	1954	5,068	529	E
21-302	Pan American Petroleum Corp.	Lena Buerger No. 1	1966	11,689	622	E
601	Sun Oil Co.	Harry F. Thompson, Jr. No. 1	1969	6,012	616	E
22-202	Kirkwood and Morgan	Roberts and Speer No. 1	1948	7,448	629	E
904	do.	— Cox No. 1	1952	5,136	539	E
23-104	do.	R. H. and H. E. Gill No. 1	1948	5,495	581	E
806	do.	A. H. McLean No. 1	1952	5,236	560	E
24-304	Hassie Hunt Trust	Emma F. Shiner No. 1	1951	5,767	495	E
78-01-102	George Parker	M. Berry No. 1	1953	3,000	590	E
108	A. T. Jergins and Sons	— Berry No. 1	1952	3,409	580	E
301	W. G. Darsey, Jr., et al.	Travis W. Bain No. 1	1950	3,289	582	E
304	C. L. Wright and Kewanee Oil Co.	Ruth Bowman No. 1	1963	3,439	563	E
305	Shell Oil Co.	A. F. Meyer No. 20	1953	3,333	588	E
306	C. C. Dauchy and Miller Royalty Co.	— Bowman No. 1	1950	3,393	585	E
307	Shell Oil Co.	T. W. Bain No. 35	1954	3,216	620	E
308	Lloyd H. Smith	Ruth Bowman No. 1	1963	3,330	557	E
401	Magnolia Petroleum Co.	W. W. McKinley No. 1	1947	11,944	601	E
402	Howeth and Mason	J. E. Berry Estate No. 1	1953	3,649	542	E
403	do.	T. B. Riggs No. 1	1953	3,661	580	E
404	Magnolia Petroleum Co.	H. L. Smith No. 1	1947	3,715	580	E
504	H. & J. Drilling Co. and F. C. Gaines, Jr.	W. T. Youngblood No. 1	1958	3,778	506	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Frio County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
KB-78-01-702	Newman Brothers Drilling Co. and Alaska Steamship Co.	Oppenheimer and Lang No. 1	1949	4,195	507	E
706	Harry Parker and M. O. Turner	Riggan-Breazeal Unit No. 2, No. 1	1963	4,118	588	E
803	Athens and Fitzgerald	M. C. Peters No. 1	1954	5,388	497	E
903	Magnolia Petroleum Co.	Oppenheimer Estate No. A-1	1949	4,504	567	E
905	Newman Brothers Drilling Co. and Alaska Steamship Co.	Oppenheimer and Lang No. 1-C	1949	4,271	523	E
02-101	Miller Royalty Co. and Milam Drilling Co.	C. R. Thompson No. 1	1949	3,300	562	E
102	George W. Graham and F. William Carr	T. P. Nowlin No. 1	1951	3,449	571	E
103	C. C. Dauchy and Miller Royalty Co.	Tom P. Nowlin No. 2	1950	3,331	600	E
104	Shell Oil Co.	Emma Richter No. 7	1952	3,260	612	E
105	do.	Jane Burns No. 19	1953	3,277	622	E
107	do.	Jane Burns No. 17	1953	3,411	605	E
108	do.	C. S. Thompson No. 1	1953	3,483	640	E
201	Standlind Oil and Gas Co.	T. B. Stuart No. 5	1954	3,747	593	E
205	Goldston Oil	W. J. Sinks No. 1	1954	3,597	598	E
206	Shell Oil Co.	C. S. Thompson No. A-3	1954	3,540	644	E
208	do.	Webb Thompson No. B-26	1953	3,668	643	E
209	do.	Jane Burns No. C-6	1954	3,692	617	E
210	do.	C. S. Thompson No. A-5	1954	3,571	617	E
211	Goldston Oil Corp.	Anna Witting No. 7	1954	3,644	591	E
403	Big Six Drilling Co.	Tony Mann No. 1	1956	3,989	569	E
507	Gasoline Production Corp.	G. L. Avant No. 1	1953	3,861	559	E
703	Sutton Production Co.	— Peters No. 18-C	1961	4,146	530	E
801	Texita Oil Co. and E. W. Gill	— Sanchez No. 1	1955	4,360	550	E
802	Kirkwood and Morgan	Candelario Luna No. 1	1949	4,610	538	E
809	Miller Royalty Co.	Marion Rodgers	1953	4,916	541	E
810	Sun Oil Co.	R. Mejia No. 3	1952	4,947	520	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Frio County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
KB-78-02-811	Sun Oil Co.	—	—	4,960	527	E
812	F. William Carr	Marion Rodgers No. 1	1954	4,963	546	E
813	do.	— Dunmore No. 1	1954	4,955	540	E
09-201	Plymouth Oil Co.	J. D. Oppenheimer No. 1	1949	4,516	523	E
401	Sun Oil Co.	Sam Johnson No. 1	1953	4,777	583	E
802	W. L. Pickens	J. D. Oppenheimer No. 1	1948	5,138	488	E
901	Humble Oil and Refining Co.	F. C. McKinney No. 1	1950	5,800	442	E
10-502	Lewis Oil Co.	Marrs McLean No. 22	1949	5,295	550	E
505	Lewis Oil Co.	Marrs McLean No. 21	1949	5,287	517	E
701	Schimmel Drilling Co., et al.	Oppenheimer and Lang No. 1	1954	5,673	556	E
702	J. C. McCabe	Oppenheimer and Lang No. 1	1954	5,174	492	E
704	Humble Oil and Refining Co.	F. B. Kothmann No. 3	1965	5,635	462	E
17-302	Argo Oil Corp. Edwin L. Cox	F. B. Thompson No. 1	1953	6,212	527	E
304	Amerada Petroleum Corp.	F. C. McKinney No. 1	1955	8,728	454	E
501	Carlee Oil Co.	Emma Shiner No. 1	1951	6,089	492	E
601	Humble Oil and Refining Co.	W. F. Smith No. 1	1949	6,449	495	E
603	F. William Carr	W. F. Smith No. 1	1951	6,309	521	E
18-203	Milam Drilling Co.	W. L. Pickens No. 1	1950	5,616	475	E
205	The Texas Co.	W. L. Pickens No. B-1	1956	5,798	448	E

# FRIO COUNTY

## Table 3.—Water Levels in Selected Wells

Water-level measurements, in feet, above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well KB-68-57-402</b>		<b>Well KB-68-57-402—Continued</b>		<b>Well KB-68-57-402—Continued</b>	
Owner: Galvin Casinero					
Nov. 30, 1960	134.33	Sept. 20, 1968	168.99	Dec. 21, 1971	162.50
Jan. 31, 1961	135.11	Oct. 16, 1968	170.91	Jan. 18, 1972	161.53
Feb. 12, 1962	139.68	Nov. 22, 1968	164.41	Feb. 25, 1972	160.85
Dec. 19, 1962	143.97	Dec. 20, 1968	168.11	Mar. 24, 1972	160.56
Jan. 22, 1964	148.44	Jan. 26, 1969	169.53	Apr. 14, 1972	160.65
Feb. 1, 1965	154.28	Feb. 10, 1969	168.80		
July 22, 1965	156.19	Mar. 28, 1969	166.01	<b>Well KB-68-57-505</b>	
Sept. 21, 1965	165.22	May 16, 1969	164.33	Owner: W. W. Thompson	
Nov. 24, 1965	158.50	July 31, 1969	169.42	Feb. 1963	71
Jan. 27, 1966	161.50	Sept. 26, 1969	170.93	Feb. 25, 1970	93.27
Mar. 14, 1966	155.86	Oct. 22, 1969	180.96	Mar. 30, 1971	97.27
Mar. 29, 1966	155.82	Nov. 21, 1969	175.74	Apr. 7, 1972	99.45
May 25, 1966	156.43	Dec. 16, 1969	170.00		
July 25, 1966	158.64	Jan. 23, 1970	169.36	<b>Well KB-68-57-616</b>	
Sept. 20, 1966	159.42	Feb. 19, 1970	177.60	Owner: Kenneth Cox	
Nov. 14, 1966	160.15	Mar. 24, 1970	168.40	June 1963	125
Jan. 20, 1967	163.80	Apr. 23, 1970	173.86	May 22, 1965	170.26
Mar. 6, 1967	167.33	May 22, 1970	169.86	Mar. 17, 1966	162.14
May 23, 1967	163.80	June 24, 1970	168.94	Mar. 10, 1967	177.82
July 18, 1967	166.90	July 23, 1970	172.02	Apr. 15, 1968	170.51
Sept. 29, 1967	164.40	Aug. 20, 1970	186.45	Mar. 20, 1970	172.80
Nov. 13, 1967	163.01	Sept. 22, 1970	178.68	May 2, 1971	179.33
Nov. 16, 1967	167.13	Oct. 20, 1970	172.45	Apr. 14, 1972	182.80
Dec. 15, 1967	166.44	Nov. 19, 1970	171.51		
Jan. 16, 1968	164.63	Dec. 22, 1970	174.20	<b>Well KB-68-57-701</b>	
Jan. 24, 1968	165.20	Jan. 21, 1971	172.43	Owner: J. E. Berry	
Jan. 28, 1968	164.41	Feb. 25, 1971	172.98	1929	10
Feb. 27, 1968	164.66	Mar. 22, 1971	174.16	July 21, 1949	31.03
Mar. 19, 1968	163.28	Apr. 19, 1971	174.40	July 13, 1950	31.92
Apr. 17, 1968	163.82	May 21, 1971	180.48	July 11, 1951	34.02
May 21, 1968	163.81	June 16, 1971	193.10	July 22, 1952	36.46
June 13, 1968	164.36	July 23, 1971	193.00	July 15, 1953	42.63
July 8, 1968	170.89	Sept. 22, 1971	166.31	Oct. 4, 1954	49.53
Aug. 14, 1968	172.73	Oct. 15, 1971	163.24	Apr. 13, 1955	50.64
		Nov. 23, 1971	164.64	Jan. 20, 1957	70.89
				Nov. 16, 1960	69.50

Table 3.—Water Levels in Selected Wells in Frio County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well KB-68-57-701—Continued</b>		<b>Well KB-69-62-506</b>		<b>Well KB-69-63-901—Continued</b>	
Jan. 31, 1961	63.09	Owner: John B. McMahan		Feb. 11, 1969	146.31
Dec. 17, 1962	82.68	Apr. 4, 1969	100	Mar. 24, 1970	137.62
Feb. 1, 1965	95.23	Dec. 18, 1969	106.30	May 10, 1971	189.70
Mar. 17, 1966	85.16	Mar. 24, 1970	105.55		
Mar. 10, 1967	102.70	<b>Well KB-69-62-601</b>		<b>Well KB-69-64-402</b>	
Mar. 25, 1970	71.67	Owner: P. R. Rutherford		Owner: Calvin Hardt	
Mar. 31, 1971	75.23	1929	100	Dec. 1, 1960	98.12
Apr. 14, 1972	73.32	Apr. 17, 1970	181.28	Jan. 31, 1961	98.25
		Apr. 13, 1972	194.64	Jan. 22, 1964	107.38
<b>Well KB-68-57-901</b>		<b>Well KB-69-62-703</b>		May 22, 1965	112.09
Owner: Aldridge Nursery		Owner: Frio Grain and Cotton Co.		Mar. 14, 1966	113.68
Nov. 29, 1960	128.02	Apr. 1956	90	Feb. 15, 1968	126.02
Jan. 31, 1961	124.15	Nov. 13, 1963	158.8	Oct. 2, 1969	127.10
Feb. 6, 1964	142.96	Mar. 18, 1966	214.11	Mar. 23, 1970	127.22
Feb. 1, 1965	155.86	Apr. 16, 1968	174.79	Apr. 12, 1971	133.20
Feb. 15, 1968	163.40	Oct. 24, 1969	193.96	Apr. 7, 1972	132.89
Mar. 20, 1970	131.97	Mar. 24, 1970	183.99		
May 2, 1971	129.45	<b>Well KB-69-62-902</b>		<b>Well KB-69-64-411</b>	
Apr. 14, 1972	115.94	Owner: P. R. Rutherford		Owner: Calvin Hardt	
<b>Well KB-68-58-506</b>		Feb. 1957	102	Feb. 22, 1971	127.82
Owner: J. E. Ingram		Oct. 15, 1969	144.45	Mar. 22, 1971	127.78
Mar. 1963	118	Mar. 24, 1970	115.35	May 17, 1971	138.45
Feb. 10, 1964	121.00	May 4, 1971	173.90	June 16, 1971	132.80
Feb. 1, 1965	128.83	<b>Well KB-69-63-605</b>		July 20, 1971	132.80
Mar. 17, 1966	124.71	Owner: Pepper Brothers		Aug. 20, 1971	131.22
Apr. 15, 1968	135.87	Oct. 1, 1969	112.20	Sept. 24, 1971	128.90
Feb. 11, 1969	137.85	Mar. 24, 1970	111.90	Oct. 15, 1971	130.60
Mar. 20, 1970	136.47	Apr. 12, 1971	107.02	Nov. 23, 1971	130.44
May 2, 1971	174.55	Apr. 7, 1972	113.35	Dec. 17, 1971	130.46
Apr. 17, 1972	177.40	<b>Well KB-69-63-901</b>		Jan. 18, 1972	130.18
<b>Well KB-69-61-906</b>		Owner: W. H. Cowden		Feb. 25, 1972	130.20
Owner: J. H. Hiler		Mar. 15, 1965	145	Mar. 24, 1972	130.50
Feb. 1964	148	Mar. 16, 1966	138.02		
May 22, 1965	145.10	Mar. 6, 1967	137.65	<b>Well KB-69-64-501</b>	
Mar. 24, 1966	166.60	Apr. 16, 1968	147.41	Owner: L. F. Sirianni	
Nov. 10, 1969	185.32	Sept. 17, 1968	156.56	Sept. 1950	163
Mar. 24, 1970	187.63			June 13, 1969	160.15
Apr. 13, 1972	182.80			Mar. 24, 1970	148.46
				Apr. 8, 1971	179.54
				Apr. 7, 1972	193.80

**Table 3.—Water Levels in Selected Wells in Frio County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well KB-77-06-103</b>		<b>Well KB-77-06-301—Continued</b>		<b>Well KB-77-06-301—Continued</b>	
Owner: B. L. Roberts		Dec. 15, 1967	174.25	Aug. 20, 1971	179.40
Apr. 1956	120	Jan. 24, 1968	154.97	Nov. 24, 1971	194.15
Sept. 3, 1964	235	Jan. 28, 1968	167.50	Dec. 21, 1971	173.70
Oct. 16, 1969	248.80	Feb. 15, 1968	157.80	Jan. 25, 1972	166.68
Mar. 24, 1970	206.15	Feb. 27, 1968	149.27	Feb. 25, 1972	179.01
Apr. 7, 1971	263.21	Mar. 19, 1968	178.80	Mar. 23, 1972	176.18
<b>Well KB-77-06-301</b>		Apr. 17, 1968	139.66	<b>Well KB-77-07-201</b>	
Owner: Mrs. Carrie E. Thompson		May 21, 1968	176.61	Owner: Fleetwood and May	
1942	65	June 13, 1968	188.59	Nov. 1963	132
Dec. 1, 1960	96.41	Aug. 14, 1968	176.33	Oct. 15, 1969	172.50
Feb. 10, 1961	87.64	Sept. 20, 1968	175.81	Mar. 24, 1970	129.21
Feb. 13, 1962	134.71	Oct. 16, 1968	176.78	Apr. 8, 1971	200.78
Dec. 19, 1962	130.21	Nov. 27, 1968	171.12	Apr. 12, 1972	182.93
Sept. 26, 1963	155.32	Dec. 20, 1968	150.92	<b>Well KB-77-07-501</b>	
Nov. 14, 1963	142.66	Jan. 26, 1969	174.66	Owner: H. and B. Farms	
Jan. 22, 1964	128.33	Mar. 28, 1969	172.97	Feb. 20, 1957	121.98
Mar. 25, 1964	129.68	July 31, 1969	175.89	Nov. 30, 1960	81.29
May 28, 1964	168.09	Sept. 26, 1969	187.89	Feb. 13, 1962	82.70
July 27, 1964	191.75	Oct. 22, 1969	174.64	Dec. 19, 1962	110.63
Sept. 30, 1964	160.70	Nov. 21, 1969	167.97	May 21, 1965	123.50
Nov. 16, 1964	156.56	Dec. 16, 1969	163.90	Mar. 17, 1966	127.22
Feb. 1, 1965	177.83	Jan. 23, 1970	149.88	Mar. 6, 1967	130.72
Mar. 29, 1965	147.95	Feb. 19, 1970	161.50	Feb. 15, 1968	147.60
May 29, 1965	132.30	Mar. 24, 1970	133.70	Feb. 11, 1969	145.06
July 22, 1965	190.89	Apr. 22, 1970	152.80	Aug. 11, 1969	236.40
Sept. 22, 1965	186.96	May 22, 1970	145.44	Oct. 14, 1969	193.05
Nov. 22, 1965	158.82	June 24, 1970	145.40	Mar. 24, 1970	144.52
Jan. 27, 1966	136.30	July 23, 1970	198.80	<b>Well KB-77-07-901</b>	
Mar. 14, 1966	144.50	Aug. 21, 1970	188.72	Owner: Fred Sanders	
Mar. 29, 1966	141.52	Sept. 22, 1970	188.70	Sept. 1954	130
May 25, 1966	149.50	Oct. 20, 1970	170.27	Dec. 1, 1960	147.09
Sept. 20, 1966	164.81	Nov. 18, 1970	177.32	Jan. 31, 1961	128.23
Jan. 20, 1967	189.50	Dec. 22, 1970	149.42	Feb. 6, 1964	192.45
Mar. 6, 1967	189.19	Jan. 21, 1971	168.85	May 19, 1965	198.40
May 23, 1967	190.20	Feb. 25, 1971	188.86	Mar. 17, 1966	202.08
July 18, 1967	189.42	Mar. 26, 1971	189.67	Feb. 15, 1968	210.38
Nov. 14, 1967	191.36	Apr. 20, 1971	188.76	Aug. 5, 1969	343.55
Nov. 16, 1967	174.35	May 21, 1971	261.65		
		June 16, 1971	279.60		



**Table 3.—Water Levels in Selected Wells in Frio County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well KB-77-07-901—Continued</b>		<b>Well KB-77-08-801—Continued</b>		<b>Well KB-77-14-601—Continued</b>	
Oct. 21, 1969	261.04	Feb. 13, 1962	191.12	Oct. 17, 1969	246.65
Mar. 17, 1970	199.95	Feb. 6, 1964	237.87	Mar. 17, 1970	182.53
May 4, 1971	343.51	Feb. 1, 1965	266.61	Apr. 7, 1971	287.45
Apr. 7, 1972	294.37	Mar. 17, 1966	236.64	Apr. 10, 1972	266.75
<b>Well KB-77-08-201</b>				<b>Well KB-77-14-902</b>	
Owner: A. C. Hardcastle				Owner: J. H. King	
Dec. 1, 1960	207.82			1932	71
Jan. 31, 1961	201.90	<b>Well KB-77-08-806</b>		Aug. 25, 1970	83.53
Feb. 14, 1962	208.65	Owner: E. H. Cannon		Apr. 7, 1971	83.52
Dec. 19, 1962	237.43	July 1964	306	Apr. 10, 1972	84.97
Feb. 6, 1964	235.52	Aug. 14, 1964	297	<b>Well KB-77-14-904</b>	
Feb. 1, 1965	251.20	May 20, 1965	237.00	Owner: Johnny Kiefer	
Mar. 17, 1966	238.46	Mar. 17, 1966	228.90	Feb. 1956	110
Dec. 18, 1969	263.50	Mar. 20, 1970	215.60	Oct. 28, 1969	248.80
Mar. 25, 1970	249.83	Mar. 31, 1971	358.40	Mar. 18, 1970	166.42
Apr. 8, 1971	307.93	Apr. 6, 1972	310.61	Apr. 7, 1971	308.40
Apr. 18, 1972	294.19	<b>Well KB-77-08-808</b>		Apr. 12, 1972	298.63
<b>Well KB-77-08-409</b>		Owner: E. H. Cannon		<b>Well KB-77-15-304</b>	
Owner: A. E. Hitzfelder		May 20, 1965	200.35	Owner: Trevino and Sons	
Jan. 7, 1970	254.55	Mar. 17, 1966	214.90	Jan. 17, 1963	126
Mar. 25, 1970	242.32	Mar. 6, 1967	246.52	Jan. 7, 1970	188.10
Apr. 12, 1971	234.90	Mar. 20, 1970	247.28	Mar. 17, 1970	184.94
<b>Well KB-77-08-716</b>		Mar. 31, 1971	272.30	Apr. 12, 1972	269.26
Owner: City of Pearsall		Apr. 6, 1972	256.98	<b>Well KB-77-15-601</b>	
Nov. 1963	253	<b>Well KB-77-14-601</b>		Owner: W. E. Beall	
Dec. 1964	232	Owner: Hipco Farm		Aug. 1954	90
Jan. 1965	240	Apr. 1956	60	Nov. 16, 1960	88.55
Mar. 1965	227	Nov. 16, 1960	97.72	Feb. 10, 1961	69.32
Oct. 14, 1969	331.40	Feb. 10, 1961	79.89	Dec. 17, 1962	126.47
Mar. 20, 1970	207.60	Feb. 13, 1962	102.20	Feb. 10, 1964	140.46
Apr. 11, 1972	343.00	Dec. 18, 1962	140.86	Mar. 14, 1966	142.10
<b>Well KB-77-08-801</b>		Feb. 10, 1964	154.25	Mar. 9, 1967	248.08
Owner: G. L. Heiser		Feb. 1, 1965	200.08	Apr. 15, 1968	162.52
Mar. 1955	170	Mar. 14, 1966	167.00	Mar. 17, 1970	173.70
Nov. 29, 1960	190.26	Mar. 9, 1967	226.78	May 12, 1971	315.72
Jan. 31, 1961	179.91	Feb. 14, 1968	209.80	Apr. 19, 1972	273.40
		Feb. 11, 1969	212.44		

Table 3.—Water Levels in Selected Wells in Frio County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well KB-77-15-705</b>		<b>Well KB-77-16-705</b>		<b>Well KB-77-16-801—Continued</b>	
Owner: J. H. King		Owner: Bennett Brothers		Apr. 28, 1956	121
Feb. 26, 1964	180	Dec. 1963	184	Apr. 29, 1956	164
Jan. 8, 1970	223.50	Nov. 13, 1968	206.25	Nov. 15, 1963	230
Mar. 17, 1970	195.60	Dec. 18, 1968	191.61	Nov. 16, 1963	300
Apr. 12, 1972	282.31	Jan. 26, 1969	194.72	May 21, 1965	166.17
<b>Well KB-77-15-903</b>		Feb. 11, 1969	195.70	July 22, 1965	262.99
Owner: H. J. Hardcastle, Jr.		May 15, 1969	189.88	Sept. 21, 1965	263.64
Aug. 27, 1970	91.29	July 31, 1969	195.01	Nov. 22, 1965	190.80
Apr. 8, 1971	102.61	Sept. 25, 1969	262.77	Jan. 27, 1966	164.75
Apr. 6, 1972	104.84	Oct. 21, 1969	241.08	Mar. 14, 1966	152.72
<b>Well KB-77-15-907</b>		Nov. 19, 1969	218.81	Mar. 29, 1966	156.08
Owner: Campbell Mills		Dec. 15, 1969	203.87	July 25, 1966	263.77
1929	+ 16	Jan. 20, 1970	188.45	Sept. 20, 1966	222.05
Mar. 18, 1970	144.40	Feb. 18, 1970	184.51	Nov. 15, 1966	211.05
Apr. 1, 1971	174.60	Mar. 19, 1970	164.21	Jan. 20, 1967	228.38
Apr. 6, 1972	169.33	Apr. 22, 1970	192.82	Mar. 9, 1967	253.06
<b>Well KB-77-16-201</b>		May 19, 1970	213.49	May 23, 1967	305.98
Owner: H. Toalson		Aug. 20, 1970	258.80	July 18, 1967	361.03
Jan. 1955	175	Sept. 22, 1970	227.21	Sept. 28, 1967	261.73
Nov. 16, 1960	207.13	Oct. 19, 1970	214.87	Nov. 14, 1967	226.19
Jan. 31, 1961	195.81	Nov. 17, 1970	216.86	Nov. 15, 1967	224.24
Feb. 6, 1964	255.03	Dec. 21, 1970	208.95	Dec. 14, 1967	208.24
Feb. 2, 1965	295.32	Jan. 20, 1971	208.70	Jan. 24, 1968	190.64
Nov. 22, 1965	282.06	Mar. 24, 1971	254.35	Jan. 28, 1968	191.98
Mar. 17, 1966	248.97	Apr. 19, 1971	290.00	Feb. 14, 1968	183.30
Apr. 15, 1968	262.07	Aug. 20, 1971	306.90	Feb. 27, 1968	178.99
Mar. 19, 1970	263.35	Sept. 24, 1971	272.90	Mar. 19, 1968	203.64
Apr. 12, 1972	340.35	Oct. 15, 1971	253.20	Apr. 17, 1968	176.92
<b>Well KB-77-16-603</b>		Nov. 23, 1971	237.50	May 21, 1968	267.19
Owner: J. H. Woodward		Dec. 17, 1971	219.27	June 13, 1968	241.76
Feb. 1963	250	Jan. 18, 1972	216.34	July 13, 1968	274.59
Jan. 7, 1970	287.84	Feb. 25, 1972	198.54	Aug. 14, 1968	273.67
Mar. 19, 1970	279.74	<b>Well KB-77-16-801</b>		Sept. 20, 1968	270.12
Apr. 11, 1972	337.01	Owner: Bennett Brothers		Oct. 16, 1968	203.74
		Dec. 1, 1952	60	Nov. 22, 1968	260.17
		Dec. 2, 1952	88	Dec. 18, 1968	180.71
		Dec. 15, 1955	90	Jan. 26, 1969	263.13

Table 3.—Water Levels in Selected Wells in Frio County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well KB-77-16-801—Continued</b>		<b>Well KB-77-22-301</b>		<b>Well KB-77-23-301—Continued</b>	
Mar. 28, 1969	259.87	Owner: Josey Ranch		Feb. 10, 1964	160.30
May 15, 1969	251.42	Apr. 1956	54	Apr. 15, 1968	190.47
July 31, 1969	260.73	Nov. 17, 1960	172.40	Mar. 18, 1970	180.55
Sept. 25, 1969	261.29	Feb. 10, 1961	129.88	Apr. 1, 1971	279.83
Oct. 21, 1969	235.39	Feb. 13, 1962	120.88	Apr. 6, 1972	260.57
Nov. 19, 1969	212.17	Dec. 18, 1962	138.87	<b>Well KB-77-23-509</b>	
Dec. 15, 1969	197.18	Feb. 10, 1964	208.05	Owner: Robert Good	
Jan. 20, 1970	181.99	Feb. 2, 1965	252.50	Aug. 19, 1969	364.46
Feb. 18, 1970	177.05	Mar. 16, 1966	243.82	Mar. 18, 1970	250.52
Mar. 19, 1970	168.00	Mar. 9, 1967	267.32	Apr. 1, 1971	348.30
Apr. 22, 1970	183.37	Feb. 14, 1968	252.92	Apr. 6, 1972	314.17
May 19, 1970	206.97	Mar. 18, 1970	198.98	<b>Well KB-77-23-602</b>	
June 23, 1970	245.61	Apr. 5, 1971	237.80	Owner: Eugene Proctor	
July 21, 1970	279.44	Apr. 10, 1972	234.21	Nov. 1964	216
Aug. 20, 1970	244.60	<b>Well KB-77-22-502</b>		Jan. 8, 1970	192.58
Sept. 22, 1970	230.48	Owner: Milton Urban		Mar. 18, 1970	179.23
Oct. 19, 1970	205.98	Feb. 10, 1964	261.06	<b>Well KB-77-23-701</b>	
Nov. 17, 1970	211.96	Feb. 2, 1965	307.78	Owner: Melvin McDermand	
Dec. 21, 1970	210.84	May 19, 1965	288.64	Apr. 1956	140
Jan. 20, 1971	209.27	Mar. 24, 1966	285.56	Nov. 17, 1960	161.73
Feb. 24, 1971	281.24	Mar. 9, 1967	345.65	Feb. 10, 1961	153.80
Mar. 22, 1971	293.25	Apr. 16, 1968	298.76	Feb. 13, 1962	159.75
Apr. 19, 1971	303.40	Feb. 10, 1969	311.92	Dec. 18, 1962	201.26
May 17, 1971	320.61	Mar. 18, 1970	304.95	Feb. 10, 1964	222.85
June 16, 1971	381.97	Apr. 5, 1971	407.93	Feb. 2, 1966	264.87
July 20, 1971	364.21	Apr. 14, 1972	372.03	Mar. 16, 1966	238.00
Aug. 20, 1971	303.25	<b>Well KB-77-22-503</b>		Nov. 5, 1969	307.41
Sept. 24, 1971	272.57	Owner: J. P. Weatherford		Mar. 18, 1970	254.51
Oct. 15, 1971	249.86	Sept. 3, 1970	31.73	Apr. 19, 1972	324.72
Nov. 23, 1971	228.03	Apr. 5, 1971	31.58	<b>Well KB-77-23-802</b>	
Dec. 17, 1971	216.81	Apr. 10, 1972	28.64	Owner: City of Dilley	
Jan. 18, 1972	204.34	<b>Well KB-77-23-301</b>		Oct. 1952	111
Feb. 25, 1972	195.11	Owner: Milton Davis		Mar. 1957	125
Mar. 24, 1972	221.68	Aug. 1954	72	Aug. 1962	106
<b>Well KB-77-21-301</b>		Nov. 16, 1960	106.12	May 2, 1965	116.02
Owner: Henry A. Buerger Estate		Feb. 1, 1961	89.57	Sept. 3, 1970	105.25
Mar. 18, 1970	320.90	Feb. 13, 1962	108.20	May 12, 1971	114.58
Apr. 5, 1971	436.50	Dec. 18, 1962	150.38		
Apr. 14, 1972	355.29				

Table 3.—Water Levels in Selected Wells in Frio County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well KB-77-23-803</b>		<b>Well KB-78-01-501</b>		<b>Well KB-78-02-501</b>	
Owner: City of Dilley		Owner: M. R. McDonald		Owner: Schoolfield Ranch	
July 1956	182	Nov. 15, 1956	75	1950	50
May 1957	167	Nov. 16, 1960	50.38	Nov. 29, 1960	107.56
Sept. 27, 1962	191.90	Jan. 31, 1961	45.34	Jan. 31, 1961	101.78
May 20, 1965	220.00	Feb. 12, 1962	55.30	Feb. 12, 1962	109.56
Mar. 18, 1970	231.56	Feb. 6, 1964	80.43	Dec. 17, 1962	130.18
May 12, 1971	333.24	Feb. 1, 1965	104.23	Feb. 6, 1964	129.10
Apr. 6, 1972	273.66	Mar. 24, 1966	91.62	Feb. 1, 1965	151.38
<b>Well KB-77-24-202</b>		Mar. 10, 1967	123.57	Mar. 17, 1966	139.00
Owner: Bennett Brothers		Feb. 15, 1968	102.50	Feb. 15, 1968	142.70
Jan. 1963	111	Feb. 10, 1969	115.05	Feb. 11, 1969	147.65
Jan. 7, 1970	148.90	Oct. 9, 1969	144.21	Mar. 20, 1970	144.80
Mar. 18, 1970	129.18	Mar. 20, 1970	97.04	Mar. 30, 1971	164.50
Apr. 14, 1972	194.71	<b>Well KB-78-01-801</b>		Apr. 17, 1972	176.92
<b>Well KB-77-24-301</b>		Owner: Ralph A. Johnston		<b>Well KB-78-02-702</b>	
Owner: Bennett Brothers		Apr. 1959	50	Owner: Wesley Stacy	
Aug. 1963	188	Nov. 30, 1960	51.48	Nov. 15, 1960	69.82
Nov. 5, 1969	233.15	Jan. 31, 1961	42.37	Jan. 31, 1961	59.52
Mar. 18, 1970	173.80	Feb. 6, 1964	89.85	Dec. 18, 1962	90.93
Apr. 1, 1971	214.73	Feb. 1, 1965	114.72	Feb. 6, 1964	100.19
Apr. 11, 1972	220.15	Mar. 17, 1966	91.06	Feb. 1, 1965	125.34
<b>Well KB-78-01-101</b>		Apr. 15, 1968	115.26	May 20, 1965	105.76
Owner: J. E. Berry		Feb. 10, 1969	118.12	Mar. 17, 1966	104.58
1929	20	Mar. 20, 1970	102.92	Feb. 15, 1968	127.90
July 21, 1949	31.48	Apr. 19, 1972	161.36	Feb. 12, 1969	114.66
July 13, 1950	30.82	<b>Well KB-78-02-402</b>		Mar. 20, 1970	121.92
July 22, 1952	32.2	Owner: Mrs. Alma Marburger		May 2, 1971	195.43
July 15, 1953	33.43	Apr. 1956	85	Apr. 18, 1972	173.36
Oct. 4, 1954	34.28	June 1962	109	<b>Well KB-78-02-709</b>	
Apr. 13, 1955	35.11	Jan. 6, 1970	183.45	Owner: Otto Mann, Jr.	
Jan. 20, 1957	47.32	Mar. 20, 1970	159.45	Aug. 27, 1970	201.89
Aug. 26, 1970	73.94	May 2, 1971	231.36	May 2, 1971	204.17
Mar. 31, 1971	74.22	Apr. 17, 1972	206.77	Apr. 17, 1972	221.90
Apr. 17, 1972	77.84				

**Table 3.—Water Levels in Selected Wells in Frio County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well KB-78-09-105</b>		<b>Well KB-78-09-602</b>		<b>Well KB-78-17-502</b>	
Owner: Clyde R. Cox		Owner: Oppenheimer and Lang		Owner: Frank Schorp	
Aug. 27, 1970	13.47	Feb. 1964	107	Sept. 3, 1970	65.95
Mar. 31, 1971	13.32	Jan. 6, 1970	130.54	Mar. 31, 1971	57.06
Apr. 20, 1972	12.22	Mar. 19, 1970	114.94	Apr. 11, 1972	57.33
<b>Well KB-78-09-305</b>		<b>Well KB-78-10-103</b>		<b>Well KB-78-18-501</b>	
Owner: Lee White		Owner: Paul Stutz		Owner: W. J. Hindes	
Jan. 1964	68	Aug. 1961	144	1929	+ 80
Jan. 6, 1970	97.50	Oct. 9, 1969	206.80	Apr. 11, 1944	+ 44.5
Mar. 19, 1970	79.78	Mar. 19, 1970	160.05	May 18, 1965	22.20
Mar. 30, 1971	148.95	Apr. 20, 1972	222.11	Mar. 9, 1967	34.03
Apr. 20, 1972	148.50			Feb. 14, 1968	34.42
				Mar. 25, 1970	39.28
				Mar. 31, 1971	42.35
				Apr. 11, 1972	26.13

FRIO COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)  
 Water-bearing unit: Ka, Edwards and associated limestones; Ew1, Wilcox Group; Ec, Carrizo Sand; Er, Ruskow Formation; Rqc, Queen City Sand; Ew, Weches Formation; Rb, Bigfoot Formation; Sep, El Frio Clay; Es, Sparta Sand;  
 El, Laredo Formation; Ecm, Cook Mountain Formation; Ey, Vegas Formation; Ej, Jackson Group; Me, Catahoula Tuff; Mo, Oakville Sandstone; Ml, Legarto Clay; Qc, terrace gravel; Qal, alluvium.  
 Dissolved solids: The bicarbonate "reported" is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.  
 Analyses by Texas State Department of Health unless indicated by footnote.

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO <sub>3</sub> )	SDRUM (S)	DES-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHMS AT 25°C)	pH	VER-GHEFT SODIUM	SAR	RSC
KB-68-57-201	Ec	237	July 14, 1969	37	--	45	5	31	--	102	35	37	0.2	< 0.4	--	260	134	420	7.1	33.46	1.16	0.00
	Ec	296	do	31	--	45	5	25	5	94	39	67	.2	1.5	--	275	133	455	7.0	35.3	1.32	.00
601	Ec	403	July 16, 1969	31	--	51	4	42	5	92	54	72	.3	< .4	--	304	243	497	7.0	37.7	1.51	.00
612	Ec	280	July 14, 1969	30	--	52	5	46	--	101	58	77	.3	< .4	--	318	149	530	7.1	40.0	.79	.00
613	Ec	300	do	35	--	40	3	36	--	89	38	56	.2	< .4	--	252	123	412	7.1	41.1	1.48	.00
619	Ec	416	do	33	--	46	5	37	5	105	38	60	.3	< .4	--	274	128	443	7.1	37.5	1.43	.00
619	Ec	416	July 13, 1972	34	--	40	6	49	5	126	61	82	.2	< .4	0.1	361	170	567	6.7	37.3	1.76	.00
2/ 801	Ec	190	June 18, 1932	--	1.52	63	22	* 95	--	388	47	62	--	1.0	--	480	248	--	--	45.5	2.63	1.41
806	Ec	440	Nov. 7, 1969	21	--	113	11	72	10	250	100	134	.3	< .4	--	584	328	953	7.2	31.4	1.72	.00
901	Ec	720	July 15, 1969	12	--	83	16	62	14	349	61	55	.8	< .4	--	474	271	788	7.6	31.9	1.65	.30
902	Ec	600	do	26	--	68	7	41	5	123	67	85	.3	< .4	.1	360	198	601	7.0	30.6	1.28	.00
2/ 907	Ec	775	Aug. 13, 1964	22	.76	141	12	70	6.2	226	130	171	.4	.0	.16	663	402	2,110	6.5	27.1	1.52	.00
907	Ec	775	July 15, 1969	27	--	136	11	66	6	217	120	155	.5	< .4	--	628	386	1,037	7.2	26.8	1.47	.00
910	Ec	750	do	20	--	138	11	55	--	239	109	139	.4	< .4	--	590	391	990	7.2	23.5	1.21	.00
913	Ec	532	do	27	--	48	5	38	6	73	48	82	.2	< .4	--	290	142	496	6.9	35.4	1.38	.00
2/ 58-401	Ec	115	June 18, 1932	51	.21	34	8.6	53	9.3	149	45	54	--	.60	--	328	120	--	--	46.6	2.10	.06
403	Ec	300	July 16, 1969	29	--	76	9	57	5	201	51	95	.3	< .4	--	421	228	706	7.2	34.7	1.65	.00
408	Ec	--	do	28	--	77	6	45	5	152	66	87	.3	< .4	--	389	219	650	7.0	30.3	1.33	.00
500	Ec	399	July 17, 1969	27	--	76	7	58	6	163	68	90	.4	< .4	--	412	218	703	7.1	36.0	1.72	.00
504	Ec	300	do	27	--	71	4	56	6	160	57	92	.3	< .4	--	392	197	661	7.1	37.3	1.73	.00
505	Ec	474	do	27	--	68	5	52	6	148	56	92	.3	< .4	--	379	192	636	7.2	36.4	1.65	.00
506	Ec	636	do	25	--	78	5	49	5	162	50	97	.3	< .4	--	389	215	664	7.1	32.4	1.45	.00
507	Ec	457	Oct. 2, 1969	27	--	41	4	35	4	96	29	62	.4	< .4	.1	249	120	416	6.8	37.5	1.37	.00
508	Ec	466	July 17, 1969	26	--	67	7	50	6	149	51	90	.3	< .4	--	370	195	619	7.2	35.2	1.57	.00
509	Ec	650	do	25	--	65	5	45	5	144	42	84	.3	< .4	--	342	182	580	7.3	34.7	1.45	.00
704	Ec	720	Oct. 9, 1969	24	--	39	3	21	5	98	27	36	.4	< .4	.1	203	109	331	8.3	28.3	.87	.00
2/ 68-61-901	Ec	260	Aug. 19, 1952	24	--	119	16	18	--	391	26	26	.4	2.0	.01	423	363	724	7.2	9.7	.41	.00
901	Ec	260	July 12, 1972	24	--	275	37	164	3.0	381	130	500	.3	2%	.5	2,340	840	2,110	7.2	29.7	2.47	.00
2/ 02-706	Ec	500	Aug. 19, 1952	14	--	110	13	21	--	332	50	37	.6	1.0	.10	409	328	711	7.2	12.2	.50	.00
2/ 801	Ec	197	May 17, 1930	--	4.99	94	16	* 21	--	317	36	35	--	0	--	357	301	--	--	13.2	.52	.00
2/ 803	Ec	208	Aug. 19, 1952	14	--	90	17	* 42	--	307	38	50	.6	1.0	--	422	294	739	7.4	23.7	1.07	.00
63-604	Ec	213	Oct. 1, 1969	24	--	239	29	148	9	244	264	409	.7	< .4	--	1,242	720	1,970	7.3	30.7	2.41	.00
605	Ec	300	do	29	--	97	11	72	5	162	122	132	.3	1.5	--	549	289	889	6.9	34.8	1.85	.00
902	Ec	750	Oct. 2, 1969	19	--	104	18	59	6	322	92	79	.8	< .4	--	535	336	866	7.3	27.1	1.39	.00

See footnotes at end of table.

FRIO COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (%)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PER-CENT SOLIDITY	SAR	RSC
KB-69-64-101	Ec	284	Oct. 2, 1969	33	--	253	31	150	--	272	385	364	0.6	< 0.4	--	1,330	760	1,970	7.0	30.2	2.38	0.00
401	Ec	165	do	28	--	244	22	200	6	359	227	445	.5	17.0	0.7	1,365	700	2,140	7.1	38.1	3.29	.00
402	Ec	320	do	27	--	229	20	114	5	134	138	335	10.7	16.5	--	1,048	660	1,725	7.0	27.2	1.92	.00
405	Ec	450	July 18, 1969	19	--	117	10	43	3	384	37	46	.3	3.0	--	466	334	770	7.2	21.7	1.02	.00
405	Ec	450	July 12, 1972	20	0.16	117	11	46	2	383	37	56	.2	4.0	.3	481	338	766	7.2	22.6	1.08	.00
406	Ec	345	Oct. 2, 1969	27	--	219	20	94	6	303	254	225	.4	19.5	.4	1,013	630	1,535	6.9	24.2	1.63	.00
503	Ec	360	June 13, 1969	16	--	108	8	39	3	336	25	55	.3	5.5	--	424	300	718	7.3	21.9	.98	.00
505	Ec	307	July 18, 1969	20	--	103	8	43	3	328	30	57	.3	< .4	--	425	291	700	7.7	24.0	1.09	.00
607	Ec	460	June 11, 1969	20	.06	98	9	45	3	294	48	63	.3	2.5	--	433	283	721	7.6	25.5	1.17	.00
77-06-201	Ec	585	Sept. 19, 1969	15	--	108	13	30	4	331	59	43	.5	< .4	--	435	325	706	7.2	16.3	.72	.00
203	Ec	615	do	16	--	112	13	21	3	331	56	37	.5	< .4	.1	421	333	684	7.2	12.1	.51	.00
204	--	--	Aug. 19, 1952	18	--	46	22	* 107	--	302	69	83	.6	1.0	--	494	206	859	7.8	53.1	3.24	.84
07-101	Ec	1,136	Aug. 13, 1964	14	1.6	94	14	42	7.6	332	66	39	.6	.0	.18	439	292	736	7.3	23.3	1.07	.00
101	Ec	1,136	Aug. 22, 1969	13	--	109	16	24	5	343	58	31	.5	< .4	--	424	336	702	7.3	13.4	.58	.00
202	Ec	700	Aug. 13, 1964	13	1.6	46	14	156	11	304	92	125	.7	.0	.36	606	172	1,030	7.2	64.5	5.17	1.54
203	Eqc	306	do	18	1.2	33	21	* 271	--	418	190	153	1.0	.0	--	391	169	1,440	7.5	77.7	9.07	3.48
105	Ec	950	Aug. 22, 1969	15	--	113	14	24	5	344	62	32	.6	< .4	--	434	341	702	7.8	12.9	.56	.00
106	Ec	934	do	13	--	114	17	22	4	354	62	31	.6	< .4	--	437	355	716	7.3	11.7	.50	.00
201	Ec	1,300	Aug. 13, 1964	15	.22	100	15	25	3.2	320	66	28	.5	.0	.15	411	311	648	6.8	14.7	.62	.00
402	Ec	1,610	Aug. 5, 1969	17	--	87	16	72	7	307	91	70	.6	< .4	.1	511	286	815	7.5	34.8	1.80	.00
903	Ec	1,385	Aug. 6, 1969	17	--	92	16	25	6	307	65	26	.4	< .4	--	398	296	632	7.5	15.4	.64	.00
906	Ec	1,720	Aug. 5, 1969	16	--	94	16	25	5	305	68	27	.5	< .4	--	401	300	636	7.5	15.0	.62	.00
08-403	Ec	1,434	Aug. 27, 1964	15	.40	92	15	* 30	--	306	63	27	.5	.0	--	392	291	664	7.1	18.4	.77	.00
404	Ec	1,408	Oct. 14, 1969	13	--	96	14	25	6	303	65	29	.6	< .4	--	397	297	641	7.7	15.2	.63	.00
207	Eqc	130	Jan. 18, 1924	52	.08	176	22	138	12	304	177	282	--	9.1	--	1,017	530	--	--	35.5	2.61	.00
208	Eqc	130	June 18, 1932	--	.12	152	23	* 269	--	234	259	415	--	14	--	1,247	474	--	--	55.3	5.38	.00
503	Ec	1,450	June 13, 1969	12	--	98	14	25	6	306	66	29	.7	< .4	--	400	302	662	7.4	15.1	.63	.00
209	Eqc	40	June 18, 1932	--	.15	118	61	* 131	--	446	121	228	--	20	--	898	545	--	--	34.3	2.44	.00
210	Eqc	110	do	--	.26	145	18	* 128	--	331	114	228	--	2.5	--	798	436	--	--	39.0	2.67	.00
712	Ec	1,303	Feb. 20, 1943	20	.4	89	16	* 28	--	299	62	28	.04	.4	--	390	288	--	--	17.5	.72	.00
211	Ec	1,302	May 9, 1943	18	.62	95	17	17	--	296	62	25	.6	0	--	379	307	628	7.1	10.8	.42	.00
714	Ec	1,350	Jan. 20, 1958	--	.34	80	16	* 33	--	304	59	27	.4	.4	--	364	265	563	6.9	21.3	.88	.00
714	Ec	1,350	Oct. 14, 1969	16	--	86	13	25	6	287	54	24	.5	< .4	--	365	268	589	7.9	16.5	.67	.00
714	Ec	1,350	July 12, 1972	16	--	85	15	26	6	293	56	25	.4	< .4	--	373	276	577	7.4	16.9	.69	.00

See footnotes at end of table.

PRYO COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROHMH/CM AT 25°C)	pH	PERCENT SODIUM	SAR	RSR	
2/ KB-77-08-802	Eqc	200	June 18, 1932	--	3.66	312	65	* 302	--	284	273	838	--	5.4	--	1,935	1,050	--	--	38.6	4.06	.00	
803	Ec	1,352	July 25, 1969	16	--	91	15	26	--	296	92	24	0.6	< .4	--	381	289	633	7.5	16.1	.65	.00	
2/ 806	Ec	1,426	Aug. 20, 1964	16	.70	86	14	* 33	--	308	53	22	.4	.0	--	373	267	611	7.3	21.2	.88	.00	
809	Ec	1,500	July 25, 1964	36	--	93	16	25	6	300	65	25	.6	< .4	--	393	297	640	7.6	15.1	.63	.00	
2/ 14-801	El	210	June 17, 1932	--	7.78	176	34	* 1,350	--	190	1,182	1,386	--	4.5	--	4,324	379	--	--	83.5	24.42	.00	
805	Ec	1,653	Aug. 6, 1969	18	--	90	15	24	5	307	58	19	.5	< .4	< 0.1	380	288	609	7.5	15.2	.62	.00	
2/ 901	El	200	Mar. 20, 1940	--	--	--	--	--	--	334	1,105	750	.5	--	--	3,110	--	--	--	--	--	--	
2/ 902	El	173	June 17, 1932	--	.27	42	22	* 878	--	362	712	755	--	2.6	--	2,589	195	--	--	90.7	27.31	2.03	
903	Ec	1,672	Aug. 11, 1969	16	--	86	14	25	6	298	58	18	.5	< .4	--	369	273	595	7.5	16.2	.65	.00	
2/ 905	El	180	Sept. 17, 1941	24	--	76	17	358	--	434	234	317	.8	0	--	1,229	260	--	--	75.0	9.67	1.93	
2/ 15-301	Ec	1,350	June 17, 1932	22	4.03	99	18	22	6.2	331	59	25	--	.05	--	413	321	--	--	--	12.7	.54	.00
304	Ec	1,460	Aug. 7, 1969	17	--	99	16	23	6	321	67	25	.4	< .4	< .1	411	313	645	7.3	13.4	.56	.00	
307	Ec	--	Aug. 6, 1969	17	--	92	15	26	6	306	66	24	.5	< .4	< .1	396	294	630	7.5	15.7	.65	.00	
308	Ec	1,450	Aug. 7, 1969	17	--	99	15	23	5	317	64	25	.4	< .4	--	404	311	640	7.5	13.4	.56	.00	
2/ 602	Ec	1,672	June 17, 1932	--	.15	83	16	* 26	--	295	58	18	--	2.7	--	348	273	--	--	17.1	.68	.00	
605	Ec	1,700	Aug. 8, 1969	16	--	87	14	23	6	296	60	21	.4	< .4	--	372	277	595	7.4	14.8	.59	.00	
608	Ec	1,525	June 18, 1969	20	--	93	14	22	6	301	63	22	.4	< .4	--	388	291	620	7.6	13.7	.56	.00	
701	Ec	1,525	Oct. 23, 1969	12	--	13	5	750	5	600	326	610	2.7	< .4	--	2,016	55	3,200	8.1	96.4	44.09	8.79	
705	Ec	1,650	June 26, 1970	17	--	82	14	29	4	293	56	17	.4	< .4	--	363	263	571	7.7	18.8	.77	.00	
2/ 706	Ec	1,622	Aug. 26, 1964	11	3.2	61	14	27	5.9	260	33	18	.3	.0	.03	297	210	513	7.4	21.2	.81	.07	
2/ 907	Eqc	285	June 18, 1932	--	.36	149	82	* 323	--	345	436	460	--	32	--	1,651	709	--	--	--	49.8	5.28	.00
2/ 901	Eqc	285	Aug. 14, 1940	--	--	64	20	* 490	--	218	934	355	.4	.0	--	1,570	192	--	7.0	84.7	15.39	.00	
2/ 902	Eqc	200	Aug. 19, 1940	--	--	44	23	* 485	--	202	540	375	.4	.80	--	1,567	204	--	7.0	83.8	14.75	.00	
2/ 903	Eqc	277	July 24, 1940	--	--	46	23	* 486	--	217	540	375	.4	1.0	--	1,575	209	--	7.2	83.5	14.61	.00	
903	Eqc	277	Aug. 27, 1970	24	--	42	20	473	3	222	500	379	.6	1.0	--	1,541	188	2,380	7.4	84.3	15.01	.00	
2/ 905	Ec	1,700	June 17, 1932	23	.22	70	13	36	6.1	284	47	18	--	.57	--	353	278	--	--	25.0	1.04	.10	
2/ 16-102	Eqc	242	June 18, 1932	14	.55	127	57	438	20	301	676	408	--	2.6	--	1,890	551	--	--	62.3	8.12	.00	
107	Ec	--	Aug. 7, 1969	16	--	96	15	22	6	310	63	25	.4	< .4	--	395	302	603	7.5	13.3	.55	.00	
108	Ec	1,475	do	17	--	97	15	23	6	311	63	26	.4	< .4	--	407	305	630	7.5	13.6	.56	.00	
201	Ec	1,647	July 29, 1969	18	--	91	16	24	6	299	60	24	.5	< .4	--	386	292	670	7.7	14.8	.61	.00	
203	Ec	1,650	July 30, 1969	16	--	91	18	23	6	304	63	23	.4	< .4	--	389	300	626	7.9	13.7	.57	.00	
205	Ec	1,570	July 29, 1969	18	--	88	16	24	6	298	60	23	.5	< .4	--	381	285	664	7.7	15.1	.62	.00	
207	Ec	--	do	16	--	88	17	24	6	298	63	23	.5	< .4	--	383	280	616	7.8	15.2	.62	.00	
2/ 401	Ec	1,507	Aug. 19, 1964	16	4.2	88	15	* 29	--	314	55	20	.4	.0	--	377	281	621	7.7	18.3	.75	.00	

See footnotes at end of table.



## FRID COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BI-CARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC	
2/ KB-77-16-403	Eqc	228	June 18, 1932	--	.45	94	19	* 118	--	273	79	148	--	69	--	661	313	--	--	45.1	2.90	.00	
3/ 404	Ec	1,623	Aug. 19, 1964	17	2.2	62	13	46	6.7	290	51	20	0.4	.0	0.05	358	208	589	7.4	31.6	1.39	.60	
405	Ec	--	Aug. 1, 1969	16	--	88	17	22	6	301	60	31	.5	< .4	--	378	290	614	7.4	14.0	.57	.00	
406	Ec	1,540	do	16	--	90	19	22	6	306	64	23	.5	< .4	--	390	302	625	7.6	13.5	.56	.00	
501	Ec	1,665	July 30, 1969	16	--	97	17	37	6	298	89	36	.5	< .4	--	439	301	703	7.7	20.9	.94	.00	
502	Ec	1,725	Aug. 20, 1964	16	.28	56	11	76	6.3	292	60	39	.4	.0	.09	407	184	675	7.4	46.2	2.44	1.10	
505	Ec	1,730	June 17, 1969	16	--	84	16	25	6	295	56	21	.5	< .4	--	369	276	599	7.6	16.1	.66	.00	
703	Ec	1,720	July 31, 1969	36	--	77	13	30	6	285	52	19	.4	< .4	--	373	246	567	7.7	20.4	.83	.00	
708	Ec	1,800	Aug. 1, 1969	16	--	80	14	25	6	287	54	19	.4	< .4	--	355	258	576	7.5	16.8	.67	.00	
803	Ec	1,919	Aug. 19, 1964	16	.31	72	13	28	6.7	282	45	16	.4	.0	.08	335	233	556	7.1	20.2	.80	.00	
22-303	Ec	1,878	June 18, 1969	21	--	73	14	30	6	288	30	16	.5	< .4	--	352	239	560	7.7	20.9	.84	.00	
401	Ec	--	Aug. 19, 1969	20	--	36	9	86	5	290	46	21	.6	< .4	.2	365	129	590	7.7	58.1	3.31	2.19	
503	Fl	171	Feb. 19, 1956	--	--	--	--	--	--	234	--	1,250	--	--	--	--	1,260	4,460	7.2	--	--	--	
603	Ec	2,050	June 18, 1969	18	--	46	12	59	6	287	39	16	.5	< .4	--	337	165	567	7.5	42.8	2.00	1.41	
803	Fl	1,315	Aug. 19, 1969	18	--	3	1	352	2	510	121	170	1.1	< .4	--	917	13	1,500	8.3	98.0	42.46	8.14	
23-102	Ec	1,800	Nov. 7, 1969	16	--	323	93	381	12	316	1,160	396	1.1	2.0	--	2,538	1,190	3,180	7.6	40.7	4.80	.00	
103	Fl	250	June 17, 1932	--	1.16	104	39	* 214	--	328	377	158	--	.50	--	1,053	420	--	--	52.6	4.54	.00	
204	Ec	1,952	Aug. 20, 1969	22	--	55	12	43	6	270	38	13	.5	< .4	.1	322	186	513	7.7	32.3	1.36	.70	
303	Ec	1,954	Aug. 13, 1964	17	.32	56	11	41	6.5	274	37	13	.5	.2	.11	316	184	524	7.2	31.6	1.35	.80	
303	Ec	1,954	Aug. 1, 1969	17	--	56	11	40	6	272	38	13	.5	< .4	--	315	186	505	7.6	30.9	1.27	.74	
303	Ec	1,954	July 12, 1972	17	--	57	13	37	7	268	36	14	.4	< .4	.1	313	194	486	7.4	28.3	1.15	.52	
502	Fl	305	June 17, 1932	27	.31	102	36	221	9.6	341	254	248	--	.38	--	1,066	403	--	--	53.7	4.79	.00	
503	Ec	1,930	Aug. 20, 1969	18	--	49	13	48	6	271	35	14	.5	< .4	.2	314	169	512	7.6	37.1	1.60	1.06	
509	Ec	2,050	Nov. 6, 1969	11	--	41	11	58	6	283	26	15	.4	< .4	.1	307	147	507	8.0	44.7	2.06	1.70	
601	Fl	110	Sept. 1942	--	--	273	74	* 69	--	218	386	385	--	15	--	1,309	984	--	--	13.7	.96	.00	
602	Ec	2,080	Aug. 21, 1969	19	--	42	9	66	6	276	38	15	.6	< .4	.1	331	142	526	7.6	48.9	2.40	1.69	
701	Ec	2,045	July 13, 1956	22	--	25	9.4	99	5.5	292	51	26	--	.2	.18	381	102	622	7.8	66.6	4.24	2.77	
701	Ec	2,045	Aug. 12, 1964	21	.08	28	11	98	5.1	298	50	24	.5	.0	.16	383	115	616	7.6	61.7	3.97	2.59	
701	Ec	2,045	Nov. 5, 1969	31	--	15	7	91	5	256	22	25	.5	< .4	--	302	60	500	8.1	73.2	4.87	2.88	
801	Ec	2,010	Jan. 23, 1928	27	.24	32	11	80	4.6	282	45	18	--	.42	--	357	125	--	--	57.0	3.11	1.98	
801	Ec	2,010	Apr. 13, 1945	--	.6	31	10	* 89	--	280	47	23	.7	.4	--	338	119	--	--	7.9	62.0	3.56	2.22
801	Ec	2,010	May 9, 1945	27	--	--	--	--	--	--	--	20	--	.2	--	365	--	--	--	7.9	--	--	
802	Fl	523	Nov. 17, 1954	20	.6	42	16	* 217	--	311	227	107	.9	--	--	781	171	--	--	73.4	7.22	1.68	
802	Fl	523	Sept. 28, 1961	--	5.4	90	31	* 200	--	293	288	182	.8	--	--	915	385	1,900	--	55.3	4.64	.00	

See footnotes at end of table.

## FRIO COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMMHOS AT 25°C)	pH	PERCENT SODIUM	BAR	REC
3/ KB-77-23-803	Ec	2,082	Aug. 1959	--	16	26	8	* 66	--	--	72	5	0.4	0.4	--	341	98	568	7.8	59.4	2.90	0.00
3/ 803	Ec	2,082	Mar. 11, 1961	--	.4	50	19	144	--	278	155	76	.4	< .4	--	381	203	--	7.5	60.7	4.39	.50
3/ 803	Ec	2,082	Oct. 3, 1961	--	52	46	18	146	--	276	148	76	.3	< .4	--	370	190	--	7.5	62.7	4.02	.75
3/ 803	Ec	2,082	June 5, 1962	--	.74	56	22	168	--	281	201	106	.4	< .4	--	691	230	--	7.5	61.4	4.82	.01
3/ 803	Ec	2,082	July 26, 1963	--	.18	55	21	155	--	282	199	98	.6	< .4	--	667	223	--	7.6	60.1	4.51	.15
3/ 803	Ec	2,082	July 22, 1964	--	.9	60	22	173	--	283	229	113	.9	< .4	--	736	241	--	7.6	61.1	4.86	.00
3/ 803	Ec	2,082	Feb. 25, 1965	--	.44	92	36	247	--	282	386	203	.5	< .4	--	1,103	379	2,090	7.4	58.7	5.53	.00
803	Ec	2,082	Nov. 5, 1969	18	--	65	23	174	9	270	249	120	.6	< .4	--	791	256	1,210	7.4	58.6	4.74	.00
803	Ec	2,082	July 12, 1972	20	.62	64	22	177	10	284	246	121	.6	< .4	--	800	252	1,168	7.5	59.2	4.84	.00
3/ 804	El	200	June 17, 1932	--	2.54	88	39	* 107	--	349	131	135	--	.0	--	671	380	--	--	38.0	2.39	.00
3/ 805	El	307	Jan. 20, 1928	22	2.43	166	65	305	18	292	650	325	--	.45	--	1,695	682	--	--	48.5	5.09	.00
3/ 902	El	370	June 16, 1932	--	.57	120	55	* 427	--	245	730	350	--	.25	--	1,802	526	--	--	63.86	8.10	.00
3/ 24-101	Ec	1,996	July 13, 1956	16	--	57	12	34	6.5	269	34	11	--	.0	0.02	302	192	507	7.5	27.0	1.07	.58
3/ 201	Ec	2,140	do	22	--	153	56	64	17	317	243	182	.8	.0	--	892	612	1,450	7.3	18.0	1.12	.00
3/ 203	Ec	2,096	Aug. 13, 1964	18	.26	38	8	100	4.8	320	52	25	.5	.0	.24	403	128	655	7.6	61.9	3.84	2.89
204	Eqc	1,002	June 18, 1969	16	--	63	10	29	6	265	34	12	.5	< .4	--	300	202	493	7.5	23.2	.89	.31
302	Ec	2,167	July 31, 1969	17	--	54	12	39	6	266	36	12	.5	< .4	--	307	185	494	7.6	30.5	1.24	.66
78-01-101	Eqc	150	Aug. 26, 1970	18	--	122	51	433	8	590	378	446	.9	< .4	--	1,745	516	2,600	7.5	64.2	8.29	.00
109	Eqc	147	do	20	--	75	29	167	6	455	124	136	1.0	< .4	--	780	309	1,240	7.3	53.4	4.12	1.28
4/ 203	Ec	890	May 23, 1961	--	--	87	25	* 25	--	256	76	39	--	--	--	377	325	--	--	14.6	.61	.00
3/ 503	Eqc	462	Apr. 3, 1952	21	--	--	--	--	--	--	146	170	--	.0	--	--	--	1,570	--	--	--	--
3/ 02-402	Ec	1,445	Aug. 13, 1964	14	.21	98	11	30	5.4	312	49	37	.4	.0	.17	397	290	665	6.8	18.1	.77	.00
402	Ec	1,445	July 23, 1969	15	--	98	10	29	5	301	46	37	.5	< .4	--	388	285	650	7.5	17.9	.75	.00
502	Ec	1,265	July 22, 1969	15	--	94	10	32	6	265	59	48	.5	< .4	--	394	277	698	7.5	19.9	.85	.00
702	Ec	1,764	July 22, 1969	15	--	79	12	31	6	279	45	27	.5	< .4	--	352	247	590	7.4	21.0	.86	.00
708	Ec	1,530	June 11, 1969	12	--	88	13	29	6	294	50	32	.5	< .4	.2	374	275	627	7.5	18.4	.77	.00
709	Eqc	555	Aug. 27, 1970	15	--	112	44	344	14	177	241	590	.5	< .4	--	1,447	463	2,390	7.4	60.9	6.95	.00
804	Ec	1,647	June 17, 1969	15	--	91	8	30	6	288	47	29	.5	< .4	--	368	258	600	7.4	19.8	.82	.00
808	Ec	1,698	June 11, 1969	12	--	81	11	29	6	282	44	28	.5	< .4	< .05	350	247	585	7.6	20.1	.82	.00
09-101	Ec	1,780	Oct. 10, 1969	16	--	74	31	214	16	382	155	242	.6	< .4	.7	926	312	1,550	7.5	58.3	5.26	.00
105	Ec	55	Aug. 27, 1970	73	--	102	18	95	< 1	214	115	143	.7	.39	--	691	328	1,033	7.7	38.5	2.27	.00
3/ 302	Eqc	860	May 26, 1932	20	3.41	90	40	199	21	374	172	258	--	.0	--	983	389	--	--	51.0	4.39	.00
304	Ec	1,413	July 23, 1969	15	--	77	13	30	7	283	44	24	.6	< .4	--	349	244	583	7.5	20.6	.84	.00
502	Ec	1,757	June 12, 1969	16	--	103	32	256	15	289	340	272	.9	< .4	1.1	1,176	390	1,840	7.4	57.7	5.64	.00

See footnotes at end of table.

## FRIO COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

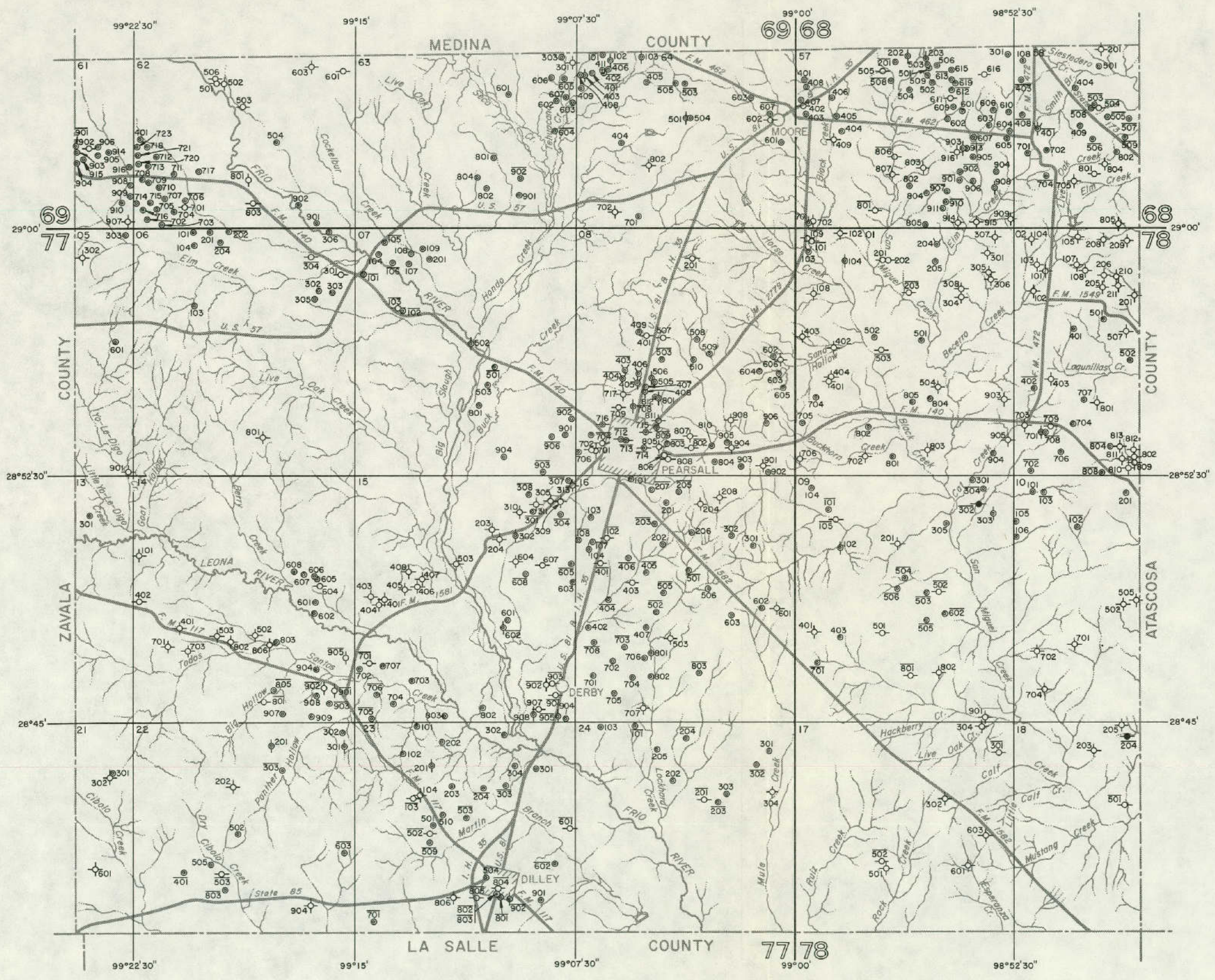
WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHMS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
2/ RD-78-09-503	Ec	1,700	Aug. 13, 1964	16	1.0	74	13	28	6.8	282	44	22	0.5	0.0	.14	342	238	573	7.2	19.8	.79	.00
	Ec	1,700	June 12, 1969	13	--	73	13	56	7	283	61	52	.7	< .4	--	414	237	695	7.4	33.2	1.58	.00
	Ec	1,804	do	11	--	79	13	24	6	282	44	21	.5	< .4	--	337	249	566	7.4	17.2	.67	.00
	Ec	1,931	do	12	--	73	14	25	7	276	43	19	.5	< .4	< .1	329	238	547	7.6	18.2	.71	.00
	Ec	1,864	do	12	--	76	13	25	7	278	46	21	.5	< .4	< .1	337	244	562	7.5	17.9	.70	.00
	Ec	1,862	do	12	--	75	12	25	7	277	42	20	.5	< .4	< .1	329	239	530	7.8	18.0	.71	.00
2/ 701	Ec	1,800	July 14, 1956	16	--	70	13	32	6.7	281	45	19	--	.0	--	339	228	566	7.6	22.7	.92	.05
2/ 801	Ec	1,700	May 26, 1932	17	.17	66	14	25	7.8	270	38	15	--	.0	--	315	222	--	--	19.0	.73	.00
10-102	Ec	1,737	July 23, 1969	15	--	75	13	31	7	277	46	24	.7	< .4	--	347	240	580	7.5	21.5	.88	.00
103	Ec	1,550	Dec. 9, 1969	13	--	57	20	84	13	293	84	66	.6	< .4	.2	481	224	795	7.5	43.1	2.43	.32
105	Ec	1,690	July 23, 1949	16	--	80	10	29	6	279	43	22	.6	< .4	--	343	241	576	7.5	20.4	.82	.00
2/ 17-501	Ec	193	June 17, 1952	15	6.4	67	45	* 321	--	257	355	330	.6	3.0	.68	1,262	352	2,100	8.0	66.5	7.44	.00
	Ec	310	Sept. 4, 1970	12	--	43	13	351	4	231	429	205	.4	2.5	--	1,173	164	1,750	7.5	81.9	11.93	.50
2/ 18-204	Eqc	1,833	Apr. 18, 1946	--	--	52	11	* 48	--	261	40	17	--	0	--	296	175	--	--	37.5	1.58	.80
2/ 501	Ec	2,114	May 11, 1946	--	.22	--	--	--	--	342	42	29	--	--	--	--	--	--	--	--	--	--
2/ 501	Ec	2,114	July 14, 1956	20	--	3.6	1.2	190	3.1	371	74	36	--	.0	.13	510	14	812	8.3	95.8	22.10	5.80

\* Sodium and potassium calculated as sodium (Na).  
 1/ Includes the equivalent of any carbonate (CO<sub>3</sub>) present.

LABORATORY CONDUCTING ANALYSIS:  
 2/ U.S. Geological Survey Laboratory  
 3/ Laboratory Unknown  
 4/ Texas Agriculture Experimental Station

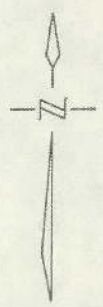






**EXPLANATION**

- ⊙ Public supply well
- ⊙ Industrial well
- ⊙ Irrigation well
- ⊙ Domestic or livestock well
- ⊙ Oil or gas well
- ⊙ Test hole
- ⊙ Unused or abandoned well
- Solid circle indicates flowing well
- 601 Line above well number indicates chemical analysis given in Table 4



Location of Selected Water, Oil, and Gas Wells in Frio County





CONZALES COUNTY

Table 1. -- Records of Selected Water Wells

All wells are drilled unless otherwise noted in remarks column.  
 Water level : Reported water levels given in feet; measured water levels given to the nearest tenth or hundredth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; Cf, centrifugal; E, electric; G, gasoline, butane, or Diesel engine; H, hand; J, jet; N, none; Ng, natural gas; T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.  
 Water-bearing unit : Kea, Edwards and associated limestones; Ewl, Wilson Group; Es, Carrizo Sand; Er, Reklaw Formation; Eqc, Queen City Sand; Esu, Meches Formation; Eb, Bigford Formation; Eay, El Pico clay; Es, Sparta Sand; El, Jareado Formation; Ecm, Cook Mountain Formation; Ey, Yegua Formation; Ejj, Jackson Group; Mc, Ostashoula Tuff; Mo, Oakville Sandstone; Ml, Lagarto Clay; Qt, terrace gravel; Qal, alluvium.

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASTING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* KR-67-19-901	J. H. Lowery	J. Perryman	1953	230	6	230	Ewl	392	32.84 35.28	May 6, 1959 Mar. 1, 1972	Sub, E	D, S	Slotted from 210 to 230 ft. Temp. 72°F. Observation well. <u>3</u> <u>4</u>
* 20-607	Tip Gray	Sloans Well Drilling Service	--	430	--	--	Ec, Eof	463	--	--	T, E 5	D	<u>4</u>
* 902	F. W. Langhoff	--	--	200	4	--	Ec	397	30	Apr. 17, 1963	C, E 3/4	D, S	Do.
* 903	S. W. Hendershot	Sloans Well Drilling Service	1955	93	4	93	Ec	415	33	do.	C, E 3/4	D	Do.
* 904	S. W. Hendershot, Jr.	--	1937	205	4	--	Ec	400	70	do.	C, M, E 3/4	D, S	Do.
905	Jean Lum	Ranger Equipment Co.	1967	90	7	--	Ec	360	16.70	May 29, 1969	N	N	--
906	C. S. Morgan	do	1967	300	7	300	Ec	410	50.3	do.	N	N	Perforated from 224 to 300 ft. <u>4</u>
21-201	M. H. Kirk	--	--	58	4	--	Eqc	432	23.24 20.07	Nov. 19, 1957 Mar. 1, 1972	C, W	N	Unused. Observation well. <u>3</u> <u>4</u>
* 301	M. L. Crozier	Sutton Drilling Co.	1957	250	6	--	Eqc	372	--	--	Flows	S	Reported flow 20 gpm in 1963. Temp. 72°F. <u>4</u>
305	Wayne Davis	Sloans Well Drilling Service	1967	200	5	182	Eqc	460	93.14	May 29, 1969	Sub, E 1-1/2	Irr	Slotted from 161 to 182 ft.
* 601	Jim Thompson	-- Warner	1955	190	--	190	Eqc	385	--	--	C, E	D	<u>4</u>
* 602	H. G. Atkinson	Southern Development Co.	1935	400	10	80	Eqc	330	+ 20	1963	Flows	S	Oil test drilled to 5,708 ft. plugged back to 400 ft. and converted to water well. Temp. 74°F. Historical observation well.
* 604	Ralston Furioa Co.	Davenport Irrigation Equipment Co.	1964	320	4	294	Eqc	420	--	--	Sub, E 1-1/2	S	Pump set at 137 ft. Development test: Drawdown of 55 ft. while pumping 70 gpm in Feb. 1964. Temp. 74°F. <u>4</u>
* 605	do	do	1963	320	5	320	Eqc	437	--	--	Sub, E 1	D, S	Pump set at 170 ft. Temp. 76°F. <u>4</u>
* 606	do	--	--	--	5	--	Eqc	430	--	--	Sub, E 1	S	Temp. 76°F.
* 701	H. C. Fairchild	Sloans Well Drilling Service	1957	328	4	60	Ec	431	20 57.89	Apr. 1959 Mar. 1, 1972	Cf, E	D	Temp. 80°F. Observation well. <u>3</u> <u>4</u>
* 703	Marvin Bennett	do	1967	520	5	133 4 495	Ec	420	92 69.55	Aug. 30, 1967 Mar. 1, 1972	Sub, E 2	D, S	Slotted from 474 to 495 ft. Open hole from 495 to 520 ft. Temp. 74°F. Observation well. <u>4</u> <u>3</u>
* 801	Myrtle Jackson	Ranger Equipment Co.	1967	--	7	--	Eqc	380	30	May 29, 1969	N	N	Temp. 78°F.
* 902	Oliver B. Wundick	do	1966	320	4	315	Eqc	390	--	--	Sub, E 1/2	D	Perforated from 294 to 315 ft. Temp. 78°F. <u>4</u>
* 903	do	Mobile Oil Co.	1964	4,000	12	4,000	Ec	390	6 13.75	July 14, 1965 Mar. 1, 1972	Sub, E 10	Irr	Oil test drilled to 14,285 ft. plugged back to 4,000 ft. and converted to water well. Perforated from 960 to 1,010 ft. Computed from 4,000 ft to surface. Pump set at 84 ft. Reported yield of 250 gpm. Development test: Drawdown of 3 ft. while pumping 250 gpm for 3 days on July 14, 1965. Temp. 76°F. Observation well. <u>2</u> <u>3</u>

See footnotes at end of table.

CONZALEB COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS	
				DEPTH OF WELL (ft)	DIAMETER (in.)			DEPTH (ft)	BELOW LAND-SURFACE DATUM (ft)				DATE OF MEASUREMENT
* KR-67-21-904	Oliver B. Buidick	Rauger Equipment Co.	1968	330	7	325	Eqc	380	52.9	June 6, 1969	Sub, E 1/2	Irr	Perforated from 290 to 325 ft. Temp. 78°F. <i>y</i>
* 22-102	-- Lothringer	-- Lothringer	1953	552	8	240	Eqc	490	--	--	T, E 10	Irr	Slotted from 468 to 552 ft. Pump set at 120 ft. Reported yield of 600 gpm. Development test yielded 650 gpm.
* 201	H. R. Ziefman	Jesus Bost	1925	470	--	--	Es	447	70	Jan. 25, 1963	C, W	N	Unused domestic and livestock well. Observation well. <i>y y</i>
* 301	Say Autry	Johnny Marsh	1958	600	5	600	Es	348	26	Mar. 10, 1958	Sub, E	D, S	Perforated from 503 to 600 ft. Reported yield of 58 gpm. Temp. 76°F. Observation well. <i>y y</i>
* 302	Mrs. Brooks Henderson	Bost Brothers	1924	400	4	400	Es	423	--	--	C, C	S	Well 81 in Texas Board of Water Engineers miscellaneous report 95. <i>y</i>
* 402	Hollis Beem	--	--	32	40	--	Sw	362	--	--	J, E	N	Dug well. Unused.
* 501	City of Waelder	A. W. Bost	1926	510	10	510	Es	358	70	Aug. 1958	T, E 20	P	Slotted from 410 to 510 ft. Reported yield of 230 gpm. Temp. 79°F. <i>y</i>
502	do	J. R. Reed	1946	520	8	320	Es	358	70	do.	T, E 20	P	Slotted from 383 to 517 ft. Reported yield of 230 gpm. <i>y y</i>
503	do	--	1924	750	8	750	Eqc	353	--	--	T, G 30	P	Screened from 493 to 533 ft and 670 to 710 ft. Reported yield of 260 gpm. <i>y y</i>
* 906	Elvis Stulting	Tiny Gabbage	1948	500	4	500	Ey	294	.5	Jan. 24, 1963	C, W	S	<i>y</i>
27-502	Hugh Johnson	Sloans Well Drilling Service	1969	180	5	176	Ec	435	75.50	Apr. 6, 1970	Sub, E	D, S	Slotted from 155 to 176 ft. Observation well. <i>y y</i>
602	A. L. Benke	Schwitz Drilling Co.	1964	550	7	550	Ec	400	76.16	Mar. 3, 1972	T, E 25	S, Irr	Slotted from 460 to 550 ft.
* 701	W. B. Soeffje	J. Malatek	1956	180	12	180	Ec	402	12.85	May 19, 1959	T, E 7-1/2	Irr	Slotted from 118 to 180 ft. Reported yield of 160 gpm. Development test yielded 800 gpm. Temp. 74°F. Observation well. <i>y y y</i>
* 703	E. J. Cheatham	T. and B. Well Drilling Co.	1965	210	4	210	Ec	450	105	Apr. 24, 1965	Sub, E 1	D, S	Slotted from 180 to 210 ft. Pump set at 147 ft. Development test: Drawdown of 95 ft while pumping 60 gpm for 6 hours on Apr. 24, 1965. Temp. 78°F. <i>y</i>
* 801	B. Spring	J. Perryman	1947	270	6	270	Rc	429	--	--	J, E 1	D, S	Perforated from 220 to 270 ft. <i>y</i>
* 803	Leafe Taylor	--	1925	30	30	30	Qal	357	27.9	Feb. 5, 1963	J, E	D, S	Dug well. <i>y</i>
* 903	Paul Allen, Jr.	John Reed	1941	600	5	600	Rc	342	+ 9	July 17, 1963	Flows	D	Perforated. Reported flow of 70 gpm in 1969. Temp. 79°F. Observation well. <i>y y</i>
* 905	W. E. Ward	--	1957	385	--	--	Ec	339	+ 5.85	Mar. 21, 1972	Flows	D, Ind	Reported flow of 1-1/2 gpm in 1959. Temp. 75°F. <i>y</i>
28-101	City of Ottine	--	1928	447	8	--	Ec	350	50	May 7, 1959	Sub, E 3	P	Perforated from 400 to 447 ft. Pump set at 110 ft. Reported yield of 60 gpm. Temp. 80°F. <i>y</i>
103	George S. Hudson	Sloans Well Drilling Service	1952	208	4	208	Ec	325	--	--	Flows D, E 3	Irr	Reported flow of 40 gpm in 1959. Reported yield of 166 gpm. Temp. 80°F. <i>y</i>
104	Lee L. Soeffje	Erby Finch	1960	200	7	80	Ec	321	1.78	Jan. 27, 1963	Sub, E 7-1/2	Irr	Observation well. <i>y y</i>
									2.35	Mar. 1, 1972			

See footnotes at end of table.



## GONZALES COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* KR-67-28-105	G. S. Rodson	Charles L. Behrens Drilling Co.	1964	240	6	21	Ec	330	--	--	Flows	Ind	Cemented from 21 ft to surface. Temp. 83°F. <u>y</u>
106	A. L. Benke	Davenport Irrigation Equipment Co.	1965	450	4	450	Ec	400	--	--	N	N	Reported yield of 750 gpm. <u>y</u>
* 202	Gonzales Warm Springs Foundation	--	1910	1,548	12 10 4	-- -- 1,548	Ewl	342	--	--	Flows	P	Oil test drilled to 3,400 ft, plugged back to 1,548 ft, and converted to water well. Reported flow of 124 gpm in 1962. Temp. 101°F. <u>y y</u>
* 203	Texas Elk's Childrens Hospital	Layne-Texas Co.	1951	1,601	10	1,601	Ewl	355	+ 7	Feb. 1959	Flows T, E	P	Screened from 1,537 to 1,578 ft. Reported flow of 90 gpm in 1959. Reported yield of 135 gpm. Temp. 102°F. <u>y y</u>
* 204	Gonzales Warm Springs Foundation	do	1953	262	16 8	200 262	Ec	315	--	--	T, E	P	Cemented from 200 ft to surface. Gravel packed. <u>y y</u>
* 207	W. L. Botts	Sloans Well Drilling Service	1967	82	7	82	Eqc	315	16.44	May 23, 1969	Sub, E 2-1/2	Irr	Slotted from 61 to 82 ft. Temp. 76°F. <u>y</u>
* 208	A. L. Benke	--	--	--	4	--	Ec	320	--	--	Flows Sub, E 1	D, S	Temp. 80°F.
* 209	W. L. Botts	Sloans Well Drilling Service	1960	280	4	280	Eqc	330	--	--	Flows	Irr	Slotted from 250 to 280 ft. Temp. 84°F.
302	do.	--	1963	85	7	85	Eqc	350	--	--	T, E 3	Irr	Slotted from 64 to 85 ft. Reported yield of 100 gpm.
* 303	W. L. Botts	C. C. Shannon	1935	138	4	138	Eqc	365	56.1 69.94	Oct. 14, 1938 Mar. 1, 1972	Sub, E 1	D, S	Was well 67-28-205 in Report 4. Well 433 in Texas Board of Water Engineers miscellaneous report 95. Perforated from 118 to 138 ft. Observation well. <u>y y</u>
401	George S. Hudson	J. Perryman	1959	277	10 8	42 277	Ec	365	--	--	Flows	S	Reported flow of 300 gpm in 1959. Temp. 84°F. <u>y</u>
402	do	D. Perryman	1955	425	8	200	Ec	367	40	May 7, 1959	T, E 7-1/2	Irr	Open hole from 200 to 425 ft. Cemented from 200 ft to surface. Reported yield of 176 gpm. Temp. 79°F. <u>y</u>
* 403	E. G. Rothwell	John Reed	1944	232	4	150	Ec	360	--	--	Flows	D, S	Reported flow of 11 gpm in 1959. <u>y</u>
* 405	Ned Barfield and Clare Wright	--	--	350	--	--	Ec	395	--	--	Flows	S	Reported flow of 31 gpm in 1959. Temp. 82°F. <u>y</u>
* 406	Warren Duboss, Jr.	Sloans Well Drilling Service	1966	385	--	--	Ec	410	--	--	Sub, E 15	Irr	Slotted. Temp. 78°F. <u>y</u>
* 407	do	do	1965	242	7	236	Ec	340	--	--	Flows Sub, E 3	S	Slotted. Temp. 76°F. <u>y</u>
* 408	Palmetto Fish Hatchery	--	--	370	10	370	Ec	330	--	--	Flows	S	Slotted. Temp. 84°F.
* 409	Fred Alex	Sloans Well Drilling Service	1969	200	4	200	Ec	320	--	--	Flows	S	Slotted from 185 to 200 ft. Reported flow of 250 gpm in 1969. Temp. 76°F.
* 501	R. M. Denman	--	1927	600	6	60	Ec	328	--	--	J, E 1/4	D, S	Oil test converted to water well. Reported flow of 5 gpm in 1959. Temp. 84°F. <u>y</u>
* 502	do	--	1927	1,100	4	--	Ewl	353	--	--	Flows	S	Oil test converted to water well. Reported flow of 1 gpm in 1959. Temp. 82°F. <u>y</u>

See footnotes at end of table.

CONZALES COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	CASING			WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF TEST	USE OF WATER	REMARKS
				DEPTH OF WELL (ft)	DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* KR-67-28-503	Eugene Iley	Sloans Well Drilling Service	1955	385	4	365	Ec	305	--	--	Flows	Irr	Slotted from 305 to 365 ft. Reported flow of 105 gpm in 1959. Temp. 83°F. <i>y</i>
504	do	do	1957	410	8	232 410	Ec	305	--	--	Flows	Irr	Perforated from 350 to 410 ft. Reported flow of 5 gpm in 1959. <i>y</i>
* 506	Mrs. -- Coe	--	1900	350	4	20	Ec	344	--	--	Flows	D	Reported flow of 5 gpm in 1959. Temp. 84°F. <i>y</i>
* 602	Delma Bush	--	--	91	4	--	Eqc	324	72.9 70.4	Oct. 14, 1938 Oct. 24, 1962	C, W	D, S	Well 427 in Texas Board of Water Engineers miscellaneous report 95. <i>y</i>
* 702	Mrs. J. B. Ellis	--	1880	56	72	--	Eqc	355	45.4 46.7 48.53	Sept. 19, 1938 Oct. 24, 1962 July 13, 1963	C, E	N	Well 384 in Texas Board of Water Engineers miscellaneous report 95. Dug well. Unused domestic well. Historical observation well. <i>y</i>
* 703	-- Amsworth	J. B. Reed	1946	817	--	--	Ec	325	--	--	Flows	N	Was well 67-36-101 in Report 4. Reported flow of 171 gpm in 1959. Unused livestock well. Temp. 88°F. <i>y</i>
* 901	C. E. Moore	M. H. Hanson	1958	600	4	470	Eqc	305	--	--	J, E	D	Perforated from 430 to 470 ft. Temp. 77°F. <i>y</i>
* 902	Tom Wright and M. F. Marcer	--	1906	874	6	--	Kc	385	--	--	Flows	S	Reported flow of 6 gpm in 1959. Temp. 90°F. Historical observation well. <i>y</i>
* 29-101	M. C. Butcher	M. H. Hanson	1956	740	6	--	Ec	424	--	--	T, E	D, S	Reported yield of 55 gpm. Temp. 80°F. Historical observation well. <i>y y</i>
* 103	Tony Breitschopf	do	1956	381	4	381	Eqc	430	--	--	Sub, E 1	S	Slotted from 360 to 381 ft. Pump set at 147 ft. Temp. 78°F.
* 104	do	do	1952	380	4	380	Eqc	440	--	--	Sub, E 1	S	Slotted from 159 to 380 ft. Temp. 76°F.
* 301	Raymond Kiesch	--	--	300	4	--	Eqc	419	--	--	Sub, E 3/4	D, S	<i>y</i>
* 302	Malshak Brothers	--	1920	265	4	250	Eq	410	152.9 83.56	Nov. 1, 1938 Mar. 1, 1972	C, W	N	Well 70 in Texas Board of Water Engineers miscellaneous report 95. Unused domestic and livestock well. Observation well. <i>y y</i>
* 501	Robert Ccauko	Frank Gerloff	1936	400	6	--	Ea	370	90 58.65	Sept. 1962 Mar. 3, 1972	C, W, E 1	D, S	Observation well. Temp. 82°F. <i>y y</i>
* 502	M. B. Terrell	Clyde Logan	1920	556	4	556	Ec	356	--	--	C, W	D	Well 59 in Texas Board of Water Engineers miscellaneous report 95. <i>y</i>
* 602	E. S. Iley	E. S. Iley	1966	1,685	7	567 1,685	Ec	375	27.30 29.89	May 14, 1969 Mar. 1, 1972	Sub, E 7-1/2	D, S Irr	Slotted from 1,620 to 1,685 ft. Top of Carrizo Sand 1,465 ft. Pump set at 40 ft. Observation well. <i>y</i>
* 701	C. E. Moore	M. H. Hanson	1955	540	4	-- 540	Eqc	286	+ 9	July 1963	Flows	S	Perforated from 500 to 540 ft. Reported flow of 61 gpm in 1959. Temp. 82°F. Historical observation well. <i>y y</i>
* 702	Joe Valasak	A. Malatek	1950	600	4	600	Eqc	292	--	--	Flows	S, Irr	Reported flow 9 gpm in 1959. Temp. 82°F. <i>y</i>
* 705	Henry Christian	--	--	25	6	--	Qal	295	--	--	C, W, E	D, S	<i>y</i>
* 706	L. V. Echols	Sloans Well Drilling Service	1950	100	4	60	Ecm	269	--	--	J, E 1/2	D, S	Perforated from 34 to 60 ft. <i>y</i>
* 707	do	--	--	30	36	30	Qal	269	28.3	Jan. 18, 1963	N	N	Dug well. <i>y</i>
* 801	F. W. Coleman Estate	F. W. Coleman	1892	30	60	--	Ey	285	--	--	J, E 1/2	Ind	Do.

See footnotes at end of table.

## GONZALES COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* RR-67-29-802	J. M. Nixon	M. H. Hanson	1959	100	5	--	Ey	268	43.2	Dec. 17, 1962	J, E	D, S	<u>4</u>
* 803	W. L. Baron	W. L. Baron	--	102	4	--	Ey	322	75	Dec. -- 1962	C, W	S	Do.
* 30-102	N. H. Robbins	--	1890	90	36	--	Ey	371	--	--	C, E 3/4	D, S	Dug well. <u>4</u>
* 103	H. W. Campion	D. Perryman	1952	588	5 4	150 550	Es	312	54	Aug. 1962	C, E 3/4	S	Perforated from 510 to 550 ft. <u>4</u>
* 301	Harding Good	Sloans Well Drilling Service	1954	125	4	80	Ey	297	--	--	C, E 3/4	D, S	<u>4</u>
* 401	Philip Kleas	Philip Kleas	1967	2,360	10 8	200 2,360	Ec	270	--	--	Flows	S, Irr	Perforated. Reported flow of 692 gpm in 1969. Temp. 116°F.
402	John Dubose	Ranger Equipment Co.	1967	185	4	110	Ey	345	--	--	Sub, E 3/4	S	--
403.	do	Sloans Well Drilling Co.	1967	180	4	180	Ey	340	--	--	Sub, E 1	S	--
* 502	Jimmy Seiser	--	1957	80	4	80	Ej	266	--	--	C, W	D, S	<u>4</u>
* 504	Joe Mercer	Schubert Water Well Drilling	1965	2,300	6 4	120 2,300	Ec	330	--	--	Flows	D, Irr	Perforated from 2,200 to 2,300 ft. Top of Carrizo Sand 1,950 ft. Reported flow of 150 gpm. Temp. 117°F.
* 31-501	Willie Mikulencak	--	--	64	60	--	Mc	480	54.6	Jan. 16, 1963	C, W	D, S	Dug well. <u>4</u>
* 701	Houston Munson, Jr.	Johnny March Drilling	1959	120	4	93	Rj	360	84	Jan. 5, 1959	C, W	S	Open hole from 93 to 120 ft. Temp. 73°F. <u>4</u>
* 34-502	M. G. Derrick	-- Swann	--	250	4	160	Ec	435	8	Apr. 18, 1963	C, W, E	D, S	<u>4</u>
* 610	Queen Sabé Ranch	R. McCullough	1939	328	6 4	80 328	Ec	414	1.5	Mar. 17, 1959	Cf, E	S	Perforated from 114 to 328 ft. Cemented from 80 ft to surface. Reported flow of 105 gpm in 1939. Reported yield of 222 gpm. Temp. 75°F. <u>4</u>
* 803	N. H. Key	--	1903	54	36	54	Egc	442	44.60 46.62	May 29, 1959 Mar. 21, 1972	Sub, E	D, S	Dug well, cased with concrete. Observation well. <u>3</u> <u>4</u>
* 804	W. A. Lott	A. R. Thierry	1964	480	12 8	80 480	Ec	400	--	--	Flows T, E 10	Irr	Slotted from 150 to 480 ft. Cemented from 480 ft to surface. Development test yielded 2,175 gpm in 1964. Temp. 80°F.
* 902	Gus Metz	Sutton Drilling Co.	1955	670	10	670	Ec	387	+ 1.0	May 21, 1959	Flows	S	Oil test drilled to 4,840 ft, plugged back to 670 ft, and converted to water well. Shot perforated. Reported flow of 1.7 gpm in 1959. Temp. 75°F. <u>4</u>
* 903	M. L. Martin	M. L. Martin	1917	341	4	40	Ec	379	--	--	Flows	S	Reported flow of 2 gpm in 1959. Temp. 75°F. <u>4</u>
* 904	Donald Lott	A. R. Thierry	1965	600	10 7	200 600	Ec	400	--	--	T, G 100	Irr	Slotted from 400 to 600 ft. Gravel packed. Pump set at 72 ft. Reported yield of 700 gpm. Temp. 78°F.
* 905	Frank Partridge	do	1965	810	10 7	200 810	Ec	370	--	--	Flows T, E 20	Irr	Slotted from 510 to 810 ft. Reported yield of 507 gpm. Temp. 80°F.
* J5-102	M. A. Bond	-- McCullough	--	176	4	76	Ec	468	50	Apr. 1963	C, E 3/4	D, S	<u>4</u>
* 103	A. E. Link	-- Malatek	--	172	4	--	Ec	441	65	do.	C, W, R 1/2	S	Do.

See footnotes at end of table.

## GONZALES COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
MR-67-35-105	L. E. Cunningham	H. and S. Water Well Service	1964	277	10	277	Ec	460	--	--	T, G 125	S, Irr	Slotted from 187 to 277 ft. Gravel packed. Pump set at 150 ft. Development test: Drawdown of 96 ft while pumping 234 gpm.
* 201	F. D. Cross, Jr.	A. R. Thierry	1952	800	12 8	350 800	Ec	493	122.6 124.0	May 28, 1959 Dec. 20, 1962	T, E 50	S, Irr	Perforated from 600 to 800 ft. Reported yield of 650 gpm. Temp. 78°F. <u>y</u>
* 401	Queen Sabe Ranch	R. McCullough	1938	732	8 5 2	254 572 732	Ec	398	14.4 14.6	July 2, 1959 Feb. 7, 1963	T, G	Irr	Perforated from 254 to 732 ft. Reported yield of 730 gpm. Temp. 75°F. <u>y</u>
* 405	Mrs. Zelman Davis	A. R. Thierry	1958	700	6 4	100 700	Ec	371	--	--	Flows	S	Perforated from 600 to 700 ft. Reported flow of 92 gpm in 1959. Temp. 78°F. <u>y</u>
* 502	Mrs. Q. Griffin	L. Schott	1920	130	4	130	Eqc	413	86.0 84.92	Nov. 22, 1938 Oct. 11, 1962	N	N	Well 323 in Texas Board of Water Engineers miscellaneous report 95. Abandoned. <u>y</u>
* 503	Donald Lott	A. R. Thierry	1966	700	12 8	289 700	Ec	430	--	--	T, C 110	Irr	Slotted from 555 to 700 ft. Gravel packed. Pump set at 120 ft. Development test: Drawdown of 70 ft while pumping 1,400 gpm for 15 hours on July 26, 1966. Temp. 76°F. <u>y</u>
* 504	Mrs. Q. Griffin	do	1962	156	5	156	Eqc	413	84.38 83.77	Aug. 13, 1970 Mar. 3, 1972	Bub, E	D, S	Slotted. Temp. 96°F. Observation well. <u>y</u>
* 601	William Eggert, Jr.	--	--	100	4	--	Eqc	380	--	--	C, E 1/4	S	<u>y</u>
* 701	Donald Lott	A. R. Thierry	1958	630	5 4	80 630	Ec	362	+ 7.5 + 4.50	May 27, 1959 Mar. 21, 1972	Flows	D, S	Perforated from 560 to 630 ft. Reported flow of 15 gpm in 1959. Temp. 78°F. Observation well. <u>y</u>
* 803	L. W. Hartwell	--	1913	360	4	200	Eqc	415	120.1 77.5	Nov. 22, 1938 Oct. 11, 1962	C, E	D, S	Well 328 in Texas Board of Water Engineers miscellaneous report 95. Historical observation well. <u>y</u>
* 901	Jack Gruven	A. Malatek	1957	1,150	10 7	-- 950	Eqc	369	--	--	Sub, E 7-1/2	D, S	Perforated from 750 to 950 ft. Reported yield of 200 gpm. Temp. 81°F.
* 902	Earl Felke	C. Ivey	1962	440	4	--	Eqc	374	50	Oct. 1962	C, B	D, S	<u>y</u>
* 36-102	W. G. Phillipus	--	--	250	4	150	Eqc	600	80	May 29, 1959	C, W	D, S	Do.
* 104	L. Floeger	--	1954	930	4	930	Ec	331	--	--	Flows	Ind	Temp. 88°F.
* 105	do	A. R. Thierry	1954	1,008	12	1,008	Ec	400	--	--	T, C 75	Irr	Slotted from 940 to 1,008 ft.
* 301	Donald Howell	Greasy Sateman	1936	104	68	--	Es	356	83.7 75.69	Sept. 19, 1938 July 18, 1963	N	N	Well 354 in Texas Board of Water Engineers miscellaneous report 95. Dug well. Historical observation well. <u>y</u>
* 302	W. T. Dettus, Jr.	--	--	80	4	80	Qal	325	--	--	J, E 1/4	D	<u>y</u>
* 501	Frank McAbb	A. R. Thierry	1957	1,650	10 7	250 1,650	Ec	382	--	--	Flows	Irr	Perforated from 1,450 to 1,650 ft. Reported flow of 250 gpm in 1959. Development test yielded 2,000 gpm. Temp. 103°F. <u>y</u>
* 502	G. A. Malatek	Alvin Malatek	1949	283	3	283	Ec	373	61	Mar. 30, 1962	C, E 1/4	D, S	Perforated from 263 to 283 ft. Reported yield of 10 gpm. <u>y</u>
* 503	Willie Gloor	--	1903	400	4	100	Es	353	79.9 63.87	Oct. 20, 1938 Mar. 3, 1972	C, W	D	Well 360 in Texas Board of Water Engineers miscellaneous report 95. Observation well. <u>y</u>
* 505	Ernest Knaedel	--	1966	500	7	500	Es	350	58.40	May 14, 1969	Sub, E 15	E, Irr	Temp. 82°F.

See footnotes at end of table.

## GONZALES COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
KR-67-36-601	-- Thomas	A. R. Thierry	1958	530	5 6	120 530	Es	320	16.65 15.59	July 8, 1963 Mar. 3, 1972	Sub, E	D	Perforated from 455 to 530 ft. Reported yield of 25 gpm. Observation well. <u>3</u> <u>4</u>
* 604	City of Coet	do	1952	530	6 4	120 530	Es	335	70	Feb. 20, 1959	J, E	F	Perforated from 455 to 530 ft. Reported yield of 15 gpm. Temp. 84°F. <u>4</u>
* 802	George Tley	--	1914	1,650	6	--	Ec	322	--	--	Flows	S	Oil test converted to water well. Reported flow of 275 gpm in 1959. Temp. 107°F. <u>4</u>
* 803	-- Brzonowski	--	1919	1,800	4	--	--	310	--	--	Flows	S	Oil test converted to water well. Reported flow of 4 gpm in 1959. Temp. 81°F. <u>4</u>
* 902	L. A. Kifer	-- Cardwell	1903	900	4	35	Us	320	24.8 31.1	Nov. 29, 1938 Oct. 10, 1962	C, E	S	Well 225 in Texas Board of Water Engineers miscellaneous report 95. <u>4</u>
+ 37-201	City of Gonzales	Layne-Texas Co.	1931	1,750	12 8 6	-- -- 1,749	Ec	282	+104	May 1931	Flows	Ind	Screened from 1,658 to 1,749 ft. Reported flow of 1,000 gpm in 1931. Well deepened to 2,409 ft in Sept. 1945. Water sample from drill-stem test from 1,930 to 1,940 ft not suitable for public supply. Reported flow of 800 gpm. Plugged back to 1,750 ft in 1945. Temp. 110°F. <u>1</u> <u>4</u>
* 203	Mrs. Henrietta Manley	Harroe G. Hobbs	1957	2,230	12 7 5	200 1,700 --	Ec	280	+ 83 + 80	Apr. 14, 1959 July 8, 1963	Flows	N	Reported flow of 85 gpm in 1959. Unused irrigation well. Temp. 107°F. Historical observation well. <u>1</u> <u>4</u>
* 204	J. W. Nixon	-- Hanson	1961	100	--	--	Ey	273	--	--	J, E	Irr	<u>4</u>
* 205	J. J. Mathews	--	--	30	36	--	Qal	265	22.4	Dec. 19, 1962	H	D	Dug well. <u>4</u>
* 206	J. W. Nixon	R. H. Hanson	1963	60	4	--	Qal	260	--	--	J, E 1/2	D	<u>4</u>
* 301	Abercrombie Ranches, Inc.	do	1951	430	5	430	Ey	300	--	--	T, E 3	S	Perforated from 305 to 430 ft. <u>4</u>
* 305	D. E. Kelly	Sloans Well Drilling Service	1952	125	3	--	Ey	300	--	--	J, E	D	<u>4</u>
* 402	Chas. Thomas	--	1918	100	--	--	Ey	322	56 79.5	Nov. 1938 Oct. 9, 1962	Cf, E 1/4	D, S	Do.
+ 37-591	W. D. DuBoise	--	1906	200	4	190	Ey	327	73.1 85.60	Nov. 29, 1938 Mar. 19, 1969	C, E	S	Historical observation well. <u>4</u>
* 601	S. T. Winegeart	--	--	30	36	--	Qal	245	22.5	Dec. 19, 1962	C, U, E	S	Dug well. <u>4</u>
* 701	Shelby Baker	--	--	100	4	80	Ey	321	40	Sept. 1962	C, E	S	<u>4</u>
* 803	Joe Kresta	--	1914	90	4	--	Ej	293	--	--	C, E 1/2	D, S	Do.
* 38-401	Abercrombie Ranches, Inc.	W. A. Malatek	1956	190	5	140	Qal, Ej	270	27.7 32.16	Dec. 18, 1962 Mar. 3, 1972	Sub, E 1/2	D, S	Perforated from 40 to 62 ft, 75 to 97 ft, and 168 to 190 ft. Observation well. <u>3</u> <u>4</u>
* 403	do	--	--	30	30	30	Qal	272	23.6	Dec. 18, 1962	C, M, E 1/2	D, S	Dug well. <u>4</u>
* 603	A. G. Blackwelder	--	--	60	36	60	Mc	360	53	Jan. 1963	J, E 1/2	D	Dug well, curbed with brick. <u>4</u>
* 802	Alfred Dreyer	Arthur Schumacher	1950	70	4	60	Qal	230	36.9	Dec. 18, 1962	J, E	D, S	<u>4</u>
* 803	do	--	--	30	30	30	Qal	240	24.9	do.	J, E	D, S	Dug well, curbed with brick. <u>4</u>

See footnotes at end of table.

CONZALES COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER RARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* KR-67-38-804	Willie Dreyer	--	--	30	40	30	Qa1	228	21.1	Dec. 13, 1962	J, E	D, S	Dug well, curbed with brick. <u>4</u>
* 809	do	Arthur Schumacher	1954	128	5	--	Mc	232	--	--	C, W	S	<u>4</u>
* 901	F. H. Dreyer	do	1951	425	4	--	EJ	278	--	--	J, E 3/4	D, S	Pump set at 60 ft. <u>4</u>
* 903	W. O. Muenich	--	--	93	48	--	Mo	335	71.4	Sept. 18, 1962	C, W	D, S	Dug well, curbed with brick. <u>4</u>
* 39-101	Tom Hajek	--	--	100	4	--	Mo	642	--	--	C, W	D, S	<u>4</u>
42-202	Wells Ranch	A. R. Thierry	1947	600	4	600	Ec	409	9.64 17.79	July 17, 1963 Mar. 21, 1972	E	S	Slotted from 500 to 600 ft. Reported flow of 50 gpm in 1947. Observation well. <u>3</u> <u>4</u>
602	Albert West	do	1939	1,150	4	1,150	Ec	336	+ 35	May 1959	Flows	S	Perforated from 1,050 to 1,150 ft. Reported flow of 220 gpm in 1959. Temp. 86°F. <u>4</u>
* 603	George Le Grand	do	1955	1,164	4	1,164	Ec	342	+ 58 + 28.72	Feb. 26, 1959 Mar. 21, 1972	Flows	D, S Irr	Slotted from 1,040 to 1,164 ft. Cemented from 1,040 ft to surface. Reported flow of 300 gpm in 1955. Temp. 85°F. Observation well. <u>3</u> <u>4</u>
* 604	Albert West	do	1946	700	6 4	60 700	Eqc	332	+ 10	May 1959	Flows	D, E	Slotted from 660 to 700 ft. Reported flow of 10 gpm in 1959. Temp. 79°F. <u>4</u>
* 901	L. Lambert	do	1955	720	5 3	30 720	Eqc	335	+ 2.33	Aug. 13, 1970	Flows J, E	D, S	Perforated from 654 to 720 ft. Reported flow of 30 gpm in 1959. Temp. 83°F. <u>4</u>
* 902	Frank Wood	do	1956	1,382	7 4	80 1,382	Mc	357	+ 47	Mar. 1959	Flows	S, Irr	Perforated from 1,282 to 1,382 ft. Reported flow of 240 gpm in 1959. Temp. 86°F. <u>4</u>
* 903	City of Nixon	Berkett Drilling Co.	1929	1,387	10 8 6	748 1,215 1,375	Ec	390	+ 21 + 5	1940 May 1959	T, E	P	Reported yield of 697 gpm. Temp. 91°F. <u>1</u> <u>4</u>
904	do	do	1951	1,396	10	1,396	Ec	401	17.7 15.5	July 2, 1956 May 12, 1959	T, E 20	P	Reported yield of 264 gpm. Temp. 91°F. <u>1</u> <u>4</u>
905	A. C. Lowe	A. R. Thierry	1945	1,525	7	1,525	Ec	370	+ 11.6 + 8.5	Mar. 25, 1959 July 17, 1963	Flows	D, S	Perforated from 1,425 to 1,525 ft. Reported flow of 111 gpm in 1959. Temp. 93°F. Historical observation well. <u>1</u> <u>4</u>
* 906	City of Nixon	Carl Vickers Water Well	1968	1,645	12 8	1,422 1,605	Ec	390	30 34.01	Oct. 9, 1968 Mar. 30, 1972	T, E 75	P	Screened from 1,422 to 1,605 ft. Open hole from 1,605 to 1,645 ft. Gravel packed. Development test: Drawdown of 93 ft while pumping 1,650 gpm for 12 hours on Nov. 5, 1968. Temp. 94°F. Observation well. <u>1</u> <u>2</u> <u>3</u>
* 43-101	J. C. Pruitt	A. R. Thierry	1948	750	6 4	40 750	Ec	365	+ 2.3	May 28, 1959	Flows	S, Irr	Perforated from 650 to 750 ft. Reported flow of 75 gpm in 1959. Temp. 80°F. <u>4</u>
* 103	-- Donagan	do	1964	1,000	12 8	200 1,000	Ec	380	--	--	Flows T, C 100	Irr	Slotted from 800 to 1,000 ft. Cemented from 800 ft to surface. Pump set at 70 ft. Development test yielded 2,500 gpm for 4 hours in 1964. Temp. 80°F.
* 104	Robert Harvey	H. and S. Water Well Service	1964	1,200	12 8	200 1,200	Ec	360	+ 19.29 + 19.28	May 20, 1969 Mar. 21, 1972	Flows T, G 110	Irr	Slotted from 1,000 to 1,200 ft. Cemented from 200 ft to surface. Temp. 86°F. Observation well. <u>3</u>
* 203	Homer Caraway	--	1967	1,215	7	1,215	Ec	300	--	--	Flows	S, Irr	Slotted from 960 to 1,215 ft. Cemented from 960 ft to surface. Reported flow of 823 gpm in 1969. Temp. 89°F.
* 204	Ross Caraway	Sloans Well Drilling Service	1966	160	4	160	Eqc	320	12.31 19.48	May 27, 1969 Mar. 21, 1972	Sub, E 1/2	D, S	Perforated. Temp. 80°F. Observation well. <u>1</u> <u>3</u>

See footnotes at end of table.

## GONZALES COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIPT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* KR-67-43-404	E. McNeil	Clarence Ivey	1956	345	4	40	Eqc	303	--	--	Flows C, G	D, S	Reported flow of 7 gpm in 1959. Temp. 75°F. <i>y</i>
* 406	S. W. Edds	--	1900	500	4	500	Eqc	312	+ 14	May 1959	Flows	S	Reported flow of 5 gpm in 1959. Temp. 79°F. <i>y</i>
* 407	E. L. Mercier	Ranger Equipment Co.	1967	1,250	4	1,250	Ee	310	--	--	Flows	Irr	Oil test converted to water well. Slotted from 1,082 to 1,250 ft. Temp. 88°F.
* 301	Jim Cook	A. R. Thierry	1948	1,425	4	100 3 1,425	Ee	305	+ 70.5	Apr. 14, 1959	Flows	D, S	Perforated from 1,325 to 1,425 ft. Reported flow of 200 gpm in 1948. Temp. 80°F. <i>y y</i>
* 502	-- Mahan	do	1952	538	4	538	Eqc	272	+ 30 + 22.09	Apr. 9, 1959 Mar. 21, 1972	Flows	S	Perforated from 475 to 538 ft. Reported flow of 26 gpm in 1959. Temp. 81°F. Observation well. <i>y y y</i>
* 503	Patterson Estate	--	--	550	4	--	Eqc	314	--	--	Flows	S	Reported flow of 9 gpm in 1959. Temp. 78°F. <i>y</i>
* 601	Hubert Chandler	A. R. Thierry	1950	1,883	7	-- 4 1,883	Ee	312	--	--	Flows	D, S	Perforated from 1,783 to 1,883 ft. Reported flow of 171 gpm in 1959. Temp. 100°F. <i>y y</i>
604	B. H. Chandler	Powell Drilling Co.	1963	2,000	5	2,000	Ee	300	--	--	Flows	S	Slotted from 1,735 to 2,000 ft. Top of Carrizo Sand 1,735 ft. Temp. 91°F.
* 801	Patterson Estate	--	--	500	4	--	Ee	304	--	--	Flows	S	Reported flow of 4 gpm in 1959. Temp. 83°F. <i>y</i>
802	do	-- Howell	1921	2,150	8	1,850	Ee	295	--	--	Flows	S	Oil test converted to water well. Perforated from 1,730 to 1,850 ft. Reported flow of 340 gpm in 1959. Temp. 99°F. <i>y</i>
* 806	Durwood Manford	A. R. Thierry	1945	1,995	5	1,995	Ee	350	+ 51.7	Feb. 26, 1959	Flows	Irr	Perforated from 1,895 to 1,995 ft. Reported flow of 272 gpm in 1959. Temp. 100°F. <i>y</i>
* 807	J. R. Pasmore	do	1947	132	4	132	Eqm	294	90	May 1959	C, E 3/4	D, S	<i>y</i>
901	J. B. Patterson	John B. Chestam	1957	2,050	5	2,050	Ee	320	+ 56 + 40.27	Apr. 3, 1959 Mar. 30, 1972	Flows Cf, E	D, S Irr	Perforated from 1,960 to 2,050 ft. Reported flow of 350 gpm in 1959. Temp. 103°F. Observation well. <i>y y</i>
902	Lloyd Bell	A. R. Thierry	1946	2,250	5	2,250	Ee	301	35.1	Apr. 3, 1959	Flows	Irr	Perforated from 2,150 to 2,250 ft. Reported flow of 400 gpm in 1959. Temp. 108°F. <i>y</i>
* 903	City of Smiley	McKinley Drilling Co.	1953	2,530	10 8	-- 2,530	Ee	319	--	--	Flows Cf, E	F	Perforated from 2,330 to 2,530 ft. Reported flow of 350 gpm in 1959. Temp. 111°F. <i>y y</i>
904	do	Layne-Texas Co.	1965	2,363	6 4	2,027 2,383	Ee	315	--	--	Flows	E	Screened from 2,027 to 2,383 ft. Cemented from 2,027 ft to surface. Reported flow of 300 gpm. <i>y y</i>
* 906	H. Sample	Powell Drilling Co.	1964	2,517	6 5	40 2,517	Ee	310	--	--	Flows	D, S	Slotted from 2,317 to 2,517 ft. Top of Carrizo Sand 2,210 ft. Reported flow of 275 gpm. Temp. 112°F.
* 44-101	J. R. Tinsley, Jr.	--	1911	500	--	--	Ee	282	--	--	Flows	S	Reported flow of 7 gpm in 1959. Temp. 83°F. <i>y</i>
* 103	Barnett Brothers	-- McCullough	1903	440	4	440	Eqm	270	--	--	Flows	S	Perforated from 410 to 440 ft. Reported flow of 2 gpm in 1959. Temp. 80°F. <i>y</i>
* 201	L. A. Kifer	Richardson Drilling Co.	1958	2,190	4 3	111 2,190	Ee	288	+ 90 + 71.30	Mar. 23, 1959 Mar. 30, 1972	Flows	D, S	Oil test drilled to 5,520 ft, plugged back to 2,190 ft, and converted to water well. Perforated from 1,900 to 1,960 ft and 2,050 to 2,190 ft. Top of Carrizo Sand 1,934 ft. Reported flow of 107 gpm in 1959. Temp. 94°F. Observation well. <i>y y y</i>

See footnotes at end of table.

GONZALES COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAST SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* KR-67-44-202	L. A. Rifer	Alvin Malatek	1947	120	4	120	Bem	305	60	Mar. 30, 1962	C, E 1/2	D, S	Perforated from 80 to 120 ft. Reported yield of 10 gpm. <i>4</i>
* 301	J. F. Millie	Stoans Well Drilling Service	1953	120	4	120	Ey	253	30	1962	C, E 3/4	S	<i>4</i>
* 401	M. K. Gantley	A. R. Thierry	1958	2,350	8 4	30 2,350	Ec	320	+ 62.0	Feb. 26, 1959	Flows	D	Slotted from 2,140 to 2,350 ft. Reported flow of 130 gpm in 1959. Temp. 102°F. <i>4</i>
* 402	Sample Brothers	do	1947	2,425	8 7 5	-- -- 2,425	Ec	300	+ 73	Jan. 1947	Flows	S	Perforated from 2,305 to 2,425 ft. Reported flow of 207 gpm in 1959. Temp. 114°F. <i>4</i>
* 403	Douglas Pouncey	--	1888	65	5	30	Ey	293	36.5	Oct. 10, 1962	C, W	N	Unused domestic and livestock well. <i>4</i>
* 404	Sample Brothers	Powell Drilling Co.	1964	2,360	6 5	40 2,360	Ec	470	--	--	Flows	S	Slotted from 2,160 to 2,360 ft. Reported flow of 275 gpm in 1963.
* 602	N. D. Perkins	The Texas Co.	1928	1,200	6	1,200	Es	223	+ 0.64 + 0.77	Aug. 13, 1970 Mar. 30, 1972	Flows	N	Oil test converted to water well. Reported flow of 10 gpm in 1962. Unused livestock well. Observation well. <i>3</i>
* 701	Lamar Lessor	Powell Drilling Co.	1963	2,967	5	2,962	Ec	295	+ 72 + 65.37	Feb. 7, 1964 Mar. 30, 1972	Flows	D, S	Slotted from 2,722 to 2,962 ft. Top of Carrizo Sand 2,811 ft. Reported flow of 351 gpm in 1969. Temp. 130°F. Observation well. <i>1</i> <i>2</i> <i>3</i>
* 901	Frank Robinson	--	--	74	4	--	Ej	235	54.9 14.7	Oct. 21, 1938 Oct. 25, 1962	H	N	Well 254 in Texas Board of Water Engineers miscellaneous report 95. Unused since 1962. <i>4</i>
* 45-301	Bennie Bauer	--	--	50	48	--	Ej	300	41.9	Oct. 26, 1962	C, W	D, S	Dug well, curbed with rock. <i>4</i>
* 901	John Schrader	Arthur Schumacher	1957	135	4	135	Mc	300	--	--	C, E 3/4	D	Temp. 74°F. <i>4</i>
* 46-201	Wallace Estate	Flynn Brothers	1927	--	10	--	Mc	220	--	--	Flows	N	Well 175 in Texas Board of Water Engineers miscellaneous report 95. Oil test converted to water well. Reported flow of 3 gpm in 1938. <i>4</i>
* 301	Otto Lustmann	Arthur Schumacher	1948	230	4	200	Mc	228	50	Apr. 1, 1959	C, W	D, S	Well plugged back. depth unknown. Pump set at 62 ft. <i>4</i>
* 401	M. C. Schroeder	-- Rothe	1956	100	4	80	Mo	304	41	Sept. 1962	C, W	D, S	<i>4</i>
* 501	K. R. Stoon	A. S. Schumacher	1934	80	4	--	Mo	232	16.8 29.6	Oct. 28, 1938 Oct. 9, 1962	C, W	D, S	Do.
* 51-102	Jack Wheat	A. R. Thierry	1949	2,225	7 4	80 2,225	Ec	320	--	--	Flows	D, S	Perforated from 2,125 to 2,225 ft. Reported flow of 200 gpm in 1959. Temp. 110°F. <i>4</i>
* 201	A. B. Copeland	--	1900	744	6	--	Eqc	312	--	--	Flows	N	OIL test converted to water well. <i>4</i>
* 501	Paul Weber	-- McCullae	1938	140	--	--	Rj	345	--	--	C, W	D, S	<i>4</i>
* 52-301	B. D. Sample	A. H. Sample	1909	110	4	--	Ej	312	--	--	C, W, E	D, S	Temp. 76°F. <i>4</i>

See footnotes at end of table.



## GONZALES COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASTING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF T/PT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* KR-67-92-401	W. D. Light	--	1916	170	4	170	EJ	388	210	May 14, 1950	C, E 2	D, S	Temp. 77°F. <u>4</u>
* 601	Fritz Hilbrich	-- Urban	1941	132	4	132	Mc	315	87.7	Oct. 10, 1963	C, W	D, S	<u>4</u>

\* For chemical analyses of water, see Table 4.

1. Drillers' log in files of the Texas Water Development Board.

2. Mechanical logs in files of the Texas Water Development Board.

3. For water-level measurements from observation wells, see Table 3.

4. Well also appears in Texas Water Development Board Report 4, "Ground-Water Resources of Gonzales County, Texas," 1965.

# GONZALES COUNTY

## Table 2.—Selected Oil, Gas, and Stratigraphic Tests

Type Log: D, Drillers'; E, Electric; R, Radioactive; S, Sample.  
Logs in Texas Water Development Board files

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE EVELATION (FT)	TYPE LOG
KR-67-20-613	Cecil V. Hagen	C. B. Gray Estate No. 1	1967	2,215	460	E
701	North Central Oil Corp.	J. F. Webb No. 1	1956	4,001	347	E
901	The Texas Co.	S. W. Hendershot, et al. No. 1	1941	4,641	375	E
907	Aztec Oil and Gas Co.	S. W. Hendershot No. 1	1965	2,110	369	E
21-702	J. K. Adair	E. R. Jobe No. 1	1954	2,033	445	E
704	Michel T. Halbouty	Aurelia Mitchell Trust No. 1	1966	7,566	450	E
22-401	J. W. Gorman	G. W. Parr No. 2	1954	4,993	390	E
27-302	Turner and Eddy	J. F. Webb No. 1	1948	3,440	395	E
303	Bill Perryman Drilling Co. and Ken Blackmar	— Eckols No. 1	1967	1,100	400	E
501	W. Stewart Boyle	— Ottine No. 1	1943	3,803	513	E
601	Quintana Petroleum Corp.	A. Schnabel No. 1	1951	7,435	382	E
603	Aztec Oil and Gas Co.	J. C. Barfield No. 1	1965	2,258	397	E
604	do.	Neal Barfield No. 1	1965	1,921	414	E
704	Alfred C. Glasell, Jr.	Alfred C. Meyer No. 1	1966	2,086	463	E
802	Jack Clark	H. R. Ritchie No. 1	1955	4,361	367	E
804	J. S. Futch	J. E. Goss No. 1	1956	2,023	400	E
908	Aztec Oil and Gas Co.	— Alien No. 1	1965	2,299	363	E
28-301	S. A. Olson, Pat H. Baker and Sons	W. L. Botts No. 1-A	1958	2,509	342	E
404	Jergins of Texas, Ltd.	J. Briesemelster No. 1	1955	4,880	394	E
601	Magnolia Petroleum Co.	Walter Spahn No. 1	1952	9,000	320	E
29-102	Gulf Coast Leaseholds, Inc. and F. Glasell Jr., et al.	J. Lamar Johnson No. 1	1955	8,078	405	E
401	Quintana Petroleum Corp.	Anna Spahn No. 1	1946	9,316	302	E
601	Sutton Drilling Co.	D. M. Christian Estate No. 1	1951	2,725	310	E
704	A. E. Mabry	L. V. Nichols No. 1	1955	1,460	284	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Gonzales County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
KR-67-30-101	O. Neathery, Jr., et al.	W. H. Baldrige No. 2	1954	4,699	386	E
104	do.	W. H. Baldrige No. 1	1954	5,553	380	E
105	Carl D. Lang, et al.	Adolf Kotar No. 1	1966	4,250	315	E
202	W. E. Bakke	— Steiner No. 1	1960	8,495	289	E
505	Kirkwood and Co. and Forest Oil Co.	Ethel Wright No. 1	1950	5,204	333	E
34-611	Fred Shield and General Crude Oil Co.	— Seelingson No. 1-C	1964	4,433	450	E
805	Gulf Coast Leaseholds, Inc. and Alfred C. Glassell, Jr.	W. E. Davenport No. 1	1955	4,625	443	E
906	Don Williamson	— Littlefield No. 1	1965	2,500	420	E
35-104	United North and South Development Co.	Albert Soefje No. 1	1950	4,050	379	E
106	West Petroleum Corp.	Walter Soefje No. 1	1965	1,890	440	E
108	Aztec Oil and Gas Co.	— Littlefield No. 1	1965	2,150	457	E
202	S. A. Brewster	S. A. Brewster No. 1	1965	2,300	395	E
301	Lecuna Oil Corp.	M. K. Townes No. 1	1959	5,721	443	E
407	Bridwell Oil Co. and Jergins of Texas	Z. C. Davis No. 1	1955	2,651	445	E
501	Cecil V. Hagen and A. C. Glassell, Jr.	Arnold Lay No. 1	1960	3,654	414	E
36-801	Travis Drillers, Inc. and Glen A. Martin	Robert Jurica No. 1	1956	2,648	315	E
903	Cecil V. Hagen	— Heinemeyer No. 1	1961	8,560	292	E
37-202	Corder Drilling Co., Inc.	J. S. Lewis No. 1	1959	1,713	276	E
401	Armstrong and Horn and Gail A. Barry	Kent E. Gardien No. 1	1955	3,515	327	E
502	Kirkwood and Morgan, Inc.	E. A. Shrader No. 1	1956	5,528	285	E
703	Continental Oil Co.	Edwin P. Bruns No. 1	1942	5,779	302	E
705	Jergins of Texas, Ltd.	G. Tenberg No. 1	1955	3,389	274	E
706	Southern Oil Well Service Co.	— Tenbery No. 1	1964	3,846	291	E
707	Maguire Industries, Inc.	Rudolph Valenta No. 1	1944	2,512	284	E
708	Continental Oil Co.	J. J. Gatlin No. 1	1959	3,611	285	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Gonzales County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
KR-67-37-801	F. B. Lefevre, et al.	Carl DuBose, et ux. No. 1	1959	4,061	304	E
802	Randon Production Co.	Lillie Dunning No. 1	1951	2,704	327	E
901	Bay City Drilling Co.	D. B. Ploeger No. 1	1958	6,085	299	E
42-201	Southwest Workover Co.	J. W. Heneley No. 1	1956	4,849	483	E
203	Barron Kidd	J. A. Hewell No. 1	1965	2,850	421	E
301	Petro-Tex Oil Corp.	— Metz No. 1	1956	2,893	372	E
302	Carl D. Lang, et al.	Derwood Mahan No. 1	1967	3,503	375	E
501	Skinner Corp., et al.	U. C. Pattillo No. 1	1959	3,716	372	E
502	Gulf Coast Leaseholds, Inc.	S. Kelly No. 1	1956	5,610	404	E
601	Producers Corp. of Nevada	J. T. Anderson No. 1	1949	6,218	331	E
605	do.	— Williams No. 1	1950	5,926	362	E
606	Rock Hill Oil Co.	— Chessher No. 1	1952	5,953	365	E
607	Texas Gas Exploration Corp.	John Respondek No. 1	1967	2,108	385	E
43-102	Leland L. Palmer et al.	R. H. Allison No. 1	1959	2,153	313	E
202	M. O. Turner	C. P. Bouldin No. 1	1962	6,731	377	E
408	Producers Corp. of Nevada	E. S. Austin No. 1	1950	6,248	383	E
505	Mrs. James R. Dougherty	Patteson Estate No. 2-B	1962	7,045	315	E
602	do.	M. Robinson No. 1	1957	1,652	310	E
603	C. C. Winn	T. D. Manford No. 1	1956	4,982	263	E
704	Texita Oil Co.	Estelle Manford, et al. No. 1	1953	1,430	365	E
803	Mrs. James R. Dougherty	Patteson Estate No. 1	1957	4,617	311	E
808	do.	Patteson Estate No. 5.	1958	1,919	324	E
44-102	J. C. Barnes	J. R. Tinsley No. 1	1957	7,502	301	E
302	Humble Oil and Refining Co.	Allie Barnett No. 1	1947	8,686	279	E
501	J. E. Hillier	Oscar Baker No. 1	1959	5,518	300	E
502	H. and J. Drilling Co. and S. E. Thomas	Paul Barnhart No. 1	1964	5,610	246	E
604	Continental Oil Co.	Otis Cardwell No. 1	1954	6,045	227	E
45-201	Mr. James R. Dougherty	R. Frisbie No. 1	1963	3,202	263	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Gonzales County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
KR-67-46-202	L. G. Shelly and W. L. Dugger, Jr.	Pearl Young No. 1	1955	6,820	270	E
401	B. Coleman Renick and Union Oil and Gas Co.	Dunnie Edwards No. 1	1957	11,054	235	E
501	Tenneco Oil Co.	Ann Hamilton Cusack No. 1	1962	10,113	251	E
503	Amerada Petroleum Corp.	Morgan and Kunetka No. 1	1943	6,740	240	E
504	Owen and Beauchamp	Frank Kunetka No. 1	1946	6,655	253	E
46-101	W. O. Woodward, Jr.	Tilda DuBose No. 1	1949	6,014	340	E
402	Hunt Oil Co.	E. L. Stoeltje No. 1	1960	12,529	301	E
403	Harkins and Co.	— Zappe No. 1	1962	11,860	234	E
51-104	G. W. Strake	H. K. Weber No. 1	1943	4,808	307	E
302	Danciger Oil and Refining Co.	H. K. Weber No. 1	1944	4,217	275	E
52-101	Newman Brothers and American Republic Corp, et al.	W. C. Billings No. 1	1949	6,002	250	E
201	W. A. Richardson, Jr. Trustee	— Buethe No. 1	1952	6,812	281	E
302	Skinner Corp. - Armstrong and Horn Drilling Co.	Harry Chandler No. 1	1958	6,603	226	E
402	Tex Harvey Oil Co.	Ura D. Lord No. 1	1942	6,532	325	E
403	A. Edmiston	Dan Billings No. 1	1941	5,230	371	E
404	Southern Minerals Corp.	Mrs. Frank Duderstadt No. 1	1963	6,891	325	E
501	Gulf Coast Leaseholds, Inc. and A. C. Glassell, Jr.	William Jacobs No. 1	1956	7,020	296	E
503	South Basin Oil Co.	Frank Duderstadt No. 1	1944	5,260	334	E
63-201	Hunt Oil Co.	W. R. Miller No. 1	1960	13,354	219	E

# GONZALES COUNTY

## Table 3.—Water Levels in Selected Wells

Water-level measurements, in feet, above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well KR-67-19-901</b>		<b>Well KR-67-21-701—Continued</b>		<b>Well KR-67-22-301—Continued</b>	
Owner: J. H. Lowery		Feb. 5, 1964	57.96	Jan. 26, 1965	25.85
May 6, 1959	32.84	Jan. 26, 1965	58.20	Feb. 9, 1966	25.26
July 17, 1963	36.61	Feb. 15, 1967	58.35	Feb. 16, 1967	29.76
Feb. 5, 1964	35.59	Feb. 8, 1968	58.40	Feb. 8, 1968	30.88
Jan. 26, 1965	35.47	Mar. 19, 1969	58.58	Mar. 19, 1969	32.84
Feb. 9, 1966	33.49	Dec. 23, 1969	58.69	Dec. 22, 1969	35.28
Feb. 15, 1967	35.07	Apr. 1, 1970	58.40	Apr. 3, 1970	34.22
Feb. 8, 1968	33.18	Apr. 13, 1971	64.37	Apr. 13, 1971	38.62
Mar. 19, 1969	33.62	Mar. 1, 1972	57.89	Mar. 1, 1972	39.43
Apr. 1, 1970	33.89	<b>Well KR-67-21-703</b>		<b>Well KR-67-27-502</b>	
Apr. 14, 1971	35.96	Owner: Marvin Bennett		Owner: Hugh Johnson	
Mar. 1, 1972	35.28	Aug. 30, 1967	92	Apr. 6, 1970	75.50
<b>Well KR-67-21-201</b>		June 5, 1969	62.92	Apr. 13, 1971	84.04
Owner: M. M. Kirk		Apr. 1, 1970	67.50	Mar. 3, 1972	76.16
Nov. 19, 1957	23.24	Apr. 13, 1971	69.67	<b>Well KR-67-27-701</b>	
Mar. 27, 1958	21.29	Mar. 1, 1972	69.55	Owner: W. B. Soefje	
Aug. 25, 1958	21.52	<b>Well KR-67-21-903</b>		May 19, 1959	12.85
Nov. 24, 1959	22.53	Owner: Oliver B. Bundick		Dec. 20, 1962	13.91
Sept. 9, 1960	21.96	July 14, 1965	6	May 15, 1963	14.08
Oct. 20, 1961	19.34	June 6, 1969	10.80	July 17, 1963	17.28
Sept. 24, 1962	20.10	Apr. 3, 1970	11.36	Sept. 24, 1963	16.20
Feb. 5, 1964	21.49	Apr. 13, 1971	12.39	Nov. 12, 1963	16.08
Jan. 26, 1965	23.14	Mar. 1, 1972	13.75	Feb. 5, 1964	15.58
Feb. 9, 1966	22.07	<b>Well KR-67-22-201</b>		Mar. 30, 1964	15.09
Feb. 15, 1967	22.05	Owner: H. R. Zitelman		Apr. 15, 1964	15.21
Feb. 8, 1968	23.30	Jan. 25, 1963	70	May 20, 1964	15.65
Mar. 19, 1969	18.07	Aug. 12, 1970	72.25	June 24, 1964	15.94
Dec. 22, 1969	18.66	Apr. 13, 1971	75.61	July 20, 1964	16.30
Apr. 1, 1970	16.99	Mar. 1, 1972	75.83	Aug. 24, 1964	16.66
Apr. 13, 1971	20.30	<b>Well KR-67-22-301</b>		Sept. 29, 1964	16.65
Mar. 1, 1972	20.07	Owner: Fay Autry		Nov. 16, 1964	16.48
<b>Well KR-67-21-701</b>		Mar. 10, 1959	26	Dec. 21, 1964	16.53
Owner: H. C. Fairchild		July 17, 1963	29.13	Jan. 27, 1965	15.47
Apr. 1959	20	Feb. 5, 1964	26.86	Mar. 24, 1965	13.73
July 17, 1963	57.40			May 17, 1965	13.41

Table 3.—Water Levels in Selected Wells in Gonzales County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well KR-67-27-701—Continued</b>		<b>Well KR-67-27-701—Continued</b>		<b>Well KR-67-28-303—Continued</b>	
July 21, 1965	13.44	Apr. 15, 1971	15.79	Feb. 8, 1968	70.20
Sept. 20, 1965	15.58	Mar. 3, 1972	15.60	Mar. 19, 1969	70.11
Nov. 18, 1965	15.36	<b>Well KR-67-27-903</b>		Dec. 23, 1969	68.63
Jan. 24, 1966	15.86	Owner: Paul Allen, Jr.		Apr. 1, 1970	68.22
Mar. 31, 1966	13.42	July 17, 1963	+ 9	Apr. 14, 1971	68.87
May 16, 1966	13.28	Feb. 5, 1964	+ 11	Mar. 1, 1972	69.94
July 28, 1966	14.46	Jan. 27, 1965	+ 9.1	<b>Well KR-67-29-302</b>	
Sept. 24, 1966	15.35	Feb. 9, 1966	+ 9	Owner: Walshak Brothers	
Nov. 17, 1966	15.59	Feb. 15, 1967	+ 9.12	Nov. 1, 1938	152.9
Dec. 19, 1966	15.72	Feb. 7, 1968	+ 11	Oct. 24, 1962	86.8
Feb. 15, 1967	15.98	Apr. 1, 1970	+ 11.84	July 17, 1963	86.90
Apr. 20, 1967	16.36	Apr. 14, 1971	+ 5.10	Feb. 5, 1964	84.17
June 22, 1967	16.52	Mar. 21, 1972	+ 5.85	Jan. 26, 1965	83.56
Aug. 21, 1967	16.06	<b>Well KR-67-28-104</b>		Feb. 9, 1966	82.47
Oct. 23, 1967	14.38	Owner: Lee L. Soefje		Feb. 24, 1967	83.35
Nov. 14, 1967	13.05	Jan. 27, 1963	1.78	Feb. 8, 1968	83.22
Dec. 14, 1967	12.14	May 15, 1963	2.78	Mar. 20, 1969	83.79
Jan. 23, 1968	10.29	July 17, 1963	4.19	Dec. 22, 1969	82.82
Feb. 7, 1968	10.23	Feb. 5, 1964	2.44	Apr. 3, 1970	82.24
Feb. 26, 1968	9.85	Jan. 25, 1965	1.71	Apr. 13, 1971	84.66
Apr. 16, 1968	11.90	Feb. 9, 1966	2.18	Mar. 1, 1972	83.56
June 11, 1968	6.17	Feb. 15, 1967	3.09	<b>Well KR-67-29-501</b>	
Aug. 13, 1968	7.34	Feb. 8, 1968	0.70	Owner: Robert Grauke	
Aug. 20, 1968	7.54	Mar. 19, 1969	1.15	Sept. 1962	90
Oct. 15, 1968	11.60	Dec. 13, 1969	3.18	Aug. 14, 1970	74.10
Dec. 17, 1968	12.33	Apr. 1, 1970	1.82	Apr. 14, 1971	60.05
Feb. 18, 1969	11.41	Apr. 14, 1971	21.80	Mar. 3, 1972	58.65
Mar. 19, 1969	11.21	Mar. 1, 1972	2.35	<b>Well KR-67-29-602</b>	
Apr. 15, 1969	9.54	<b>Well KR-67-28-303</b>		Owner: E. S. Iley	
June 16, 1969	10.24	Owner: W. L. Botts		May 14, 1969	27.30
Aug. 19, 1969	14.34	Oct. 14, 1938	56.1	Apr. 3, 1970	27.59
Oct. 18, 1969	13.88	Oct. 24, 1962	67.8	Apr. 14, 1971	27.16
Dec. 8, 1969	14.20	July 18, 1963	72.30	Mar. 1, 1972	29.89
Feb. 9, 1970	13.60	Feb. 5, 1964	69.19	<b>Well KR-67-34-803</b>	
Apr. 1, 1970	11.66	Jan. 26, 1965	70.44	Owner: N. H. Key	
Apr. 6, 1970	11.76	Feb. 9, 1966	68.86	May 29, 1959	44.60
June 15, 1970	11.50	Feb. 15, 1967	69.59	Dec. 20, 1962	43.73
Aug. 3, 1970	13.48				

**Table 3.—Water Levels in Selected Wells in Gonzales County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well KR-67-34-803—Continued</b>		<b>Well KR-67-36-601</b>		<b>Well KR-67-42-202—Continued</b>	
July 17, 1963	48.43	Owner: — Thomas		Apr. 16, 1971	19.00
Aug. 13, 1970	43.74	July 8, 1963	16.65	Mar. 21, 1972	17.79
Apr. 16, 1971	43.99	Feb. 7, 1964	16.51	<b>Well KR-67-42-603</b>	
Mar. 21, 1972	44.62	Jan. 27, 1965	16.80	Owner: George LeGrand	
<b>Well KR-67-35-504</b>		Feb. 9, 1966	15.96	Feb. 26, 1959	+ 58
Owner: Mrs. Q. Griffin		Feb. 15, 1967	16.26	Feb. 5, 1964	+ 49
Aug. 13, 1970	84.38	Feb. 7, 1968	15.42	Jan. 27, 1965	+ 52
Apr. 15, 1971	84.09	Mar. 19, 1969	15.13	Feb. 9, 1966	+ 43
Mar. 3, 1972	83.77	Dec. 22, 1969	15.21	Feb. 7, 1968	+ 50
<b>Well KR-67-35-701</b>		Apr. 3, 1970	15.22	Mar. 20, 1969	+ 31
Owner: Donald Lott		Apr. 15, 1971	15.56	Apr. 6, 1970	+ 50
May 27, 1959	+ 7.5	Mar. 3, 1972	15.59	Apr. 16, 1971	+ 24.10
July 17, 1963	+ 7.8	<b>Well KR-67-38-401</b>		Mar. 21, 1972	+ 28.72
Feb. 5, 1964	+ 13.4	Owner: Abercrombie Ranches, Inc.		<b>Well KR-67-42-906</b>	
Jan. 27, 1965	+ 11.5	Dec. 18, 1962	27.7	Owner: City of Nixon	
Feb. 9, 1966	+ 15	July 17, 1963	28.21	Oct. 9, 1968	30
Feb. 15, 1967	+ 9	Feb. 7, 1964	28.92	Apr. 6, 1970	26.52
Feb. 7, 1968	+ 15.00	Jan. 26, 1965	29.42	Apr. 16, 1971	36.67
Apr. 6, 1970	+ 14.55	Feb. 9, 1966	24.30	Mar. 30, 1972	34.01
Apr. 16, 1971	+ 3.60	Feb. 16, 1967	26.64	<b>Well KR-67-43-104</b>	
Mar. 21, 1972	+ 4.50	Feb. 7, 1968	23.83	Owner: Robert Harvey	
<b>Well KR-67-36-503</b>		Mar. 19, 1969	24.02	May 20, 1969	+ 19.29
Owner: Willie Gloor		Dec. 22, 1969	25.07	Apr. 6, 1970	+ 23.90
Oct. 20, 1938	79.9	Apr. 3, 1970	25.19	Mar. 21, 1972	+ 19.28
Oct. 11, 1962	55.7	Apr. 14, 1971	40.20	<b>Well KR-67-43-204</b>	
July 8, 1963	56.67	Mar. 3, 1972	32.16	Owner: Ross Caraway	
Feb. 7, 1964	55.85	<b>Well KR-67-42-202</b>		May 27, 1969	12.31
Jan. 27, 1965	56.46	Owner: Wells Ranch		Aug. 14, 1970	32.95
Feb. 9, 1966	56.28	July 17, 1963	9.64	Apr. 16, 1971	20.10
Feb. 15, 1967	62.89	Feb. 5, 1964	9.68	Mar. 21, 1972	19.48
Feb. 7, 1968	56.76	Jan. 27, 1965	11.25	<b>Well KR-67-43-502</b>	
Mar. 19, 1969	58.32	Feb. 9, 1966	11.11	Owner: — Mahan	
Dec. 22, 1969	59.71	Feb. 15, 1967	12.43	Apr. 9, 1959	+ 30
Apr. 3, 1970	64.00	Feb. 7, 1968	15.04	Aug. 14, 1970	+ 19.78
Apr. 15, 1971	62.34	Dec. 22, 1969	15.68	Apr. 15, 1971	+ 12.85
Mar. 3, 1972	63.87	Apr. 6, 1970	16.34	Mar. 21, 1972	+ 22.09



**Table 3.—Water Levels in Selected Wells in Gonzales County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well KR-67-43-901</b>		<b>Well KR-67-44-201</b>		<b>Well KR-67-44-602</b>	
Owner: J. B. Patteson		Owner: L. A. Kifer		Owner: N. D. Perkins	
Apr. 3, 1959	+ 56	Mar. 23, 1959	+ 90	Aug. 13, 1970	+ 0.64
July 8, 1963	+ 54	July 8, 1963	+ 83	Apr. 15, 1971	+ 0.60
Feb. 7, 1964	+ 51	Feb. 7, 1964	+ 78	Mar. 30, 1972	+ 0.77
Jan. 27, 1965	+ 48	Jan. 27, 1965	+ 69		
Feb. 9, 1966	+ 50	Feb. 9, 1966	+ 74	<b>Well KR-67-44-701</b>	
Feb. 15, 1967	+ 52	Feb. 15, 1967	+ 74	Owner: Lamar Lessor	
Feb. 7, 1968	+ 54	Feb. 7, 1968	+ 76	Feb. 7, 1964	+ 72
Apr. 6, 1970	+ 52	Mar. 19, 1969	+ 71	Jan. 27, 1965	+ 72
Apr. 15, 1971	+ 33.34	Apr. 3, 1970	+ 75.92	Apr. 7, 1970	+ 76.92
Mar. 30, 1972	+ 40.27	Apr. 15, 1971	+ 66.68	Apr. 15, 1971	+ 74.61
		Mar. 30, 1972	+ 71.30	Mar. 30, 1972	+ 65.37

## GONZALES COUNTY

Table 4. --Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Ke, Edwards and associated limestones; Ew, Wilcox Group; Ec, Carrizo Sand; Er, Reklaw Formation; Eqc, Queen City Sand; Ev, Weches Formation; Eb, Bigford Formation; Esp, El Pico Clay; Es, Sparta Sand; E1, Laredo Formation; Em, Cook Mountain Formation; Ey, Teguua Formation; Ej, Jackson Group; Ek, Catahoula Tuff; Ed, Oakville Sandstone; El, Lagarto Clay; Qt, terrace gravel; Qal, alluvium. Dissolved solids: The bicarbonate "reported" is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum. Analyses by Texas State Department of Health unless indicated by footnote.

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
2/ KR-67-19-901	Ewf	230	Aug. 26, 1962	24	3.3	159	50	* 75	--	326	206	200	0.4	1.0	--	875	602	1,420	7.4	21.3	1.33	0.00
2/ 20-607	Ec, Ewf	410	Feb. 6, 1963	44	1.3	36	11	30	8.3	78	84	51	.3	.0	--	303	135	462	6.1	30.1	1.10	.00
2/ 902	Ec	200	Apr. 17, 1963	26	3.2	79	36	* 72	--	270	131	100	.6	.0	--	576	345	949	7.0	30.2	1.69	.00
2/ 903	Ec	93	do	17	1.5	263	89	* 110	--	260	806	148	.1	.0	--	1,560	1,020	2,010	7.2	19.0	1.50	.00
2/ 904	Ec	205	do	28	2.8	68	7.6	* 32	--	148	81	46	.2	.0	--	335	201	543	7.0	25.7	.98	.00
2/ 21-301	Eqc	250	Jan. 24, 1963	36	14	235	73	* 110	--	152	732	205	.2	.0	--	1,485	936	1,950	6.3	20.4	1.57	.00
2/ 601	Egc	190	Jan. 25, 1963	19	--	60	22	* 55	--	258	85	42	.1	.0	--	409	240	675	7.1	33.2	1.54	.00
2/ 602	Egc	400	Feb. 6, 1963	14	--	28	11	* 115	--	242	89	51	.3	.0	--	427	115	699	7.6	68.5	4.66	1.67
2/ 604	Egc	320	June 5, 1969	18	--	82	6	50	9	234	103	37	.3	< .4	--	420	231	655	7.4	30.8	1.42	.00
2/ 605	Egc	320	do	17	--	65	21	48	9	264	88	42	.2	1.5	--	421	248	669	8.0	28.7	1.32	.00
2/ 606	Egc	--	do	40	--	209	63	82	16	160	600	138	.5	2.5	0.2	1,229	780	1,650	7.2	18.5	1.27	.00
2/ 701	Ec	328	June 1, 1959	20	--	76	33	53	9.6	258	113	88	.2	.5	--	520	325	883	7.1	25.5	1.28	.00
2/ 701	Ec	328	Dec. 23, 1963	38	--	89	40	56	9	251	99	153	.5	< .4	--	607	385	979	7.8	23.6	1.25	.00
2/ 703	Ec	520	June 5, 1969	20	--	41	7	23	6	168	23	19	.2	< .4	--	222	133	366	7.1	26.4	.88	.10
2/ 801	Egc	--	May 29, 1969	16	--	36	19	73	7	246	4	93	.3	< .4	--	369	170	656	8.4	46.9	2.42	.64
2/ 902	Egc	320	June 6, 1969	18	--	25	10	83	6	233	44	39	.2	< .4	--	340	105	560	7.9	61.7	3.52	1.72
2/ 903	Ec	4,000	do	28	--	19	5	14	8	41	38	23	.3	< .4	< .1	155	68	242	6.7	26.6	.75	.00
2/ 904	Egc	330	do	10	--	34	20	103	6	214	130	62	.3	< .4	--	470	166	766	7.3	56.4	3.48	.18
2/ 22-201	Es	470	Jan. 25, 1963	13	--	78	30	* 74	--	222	187	72	.2	.0	--	563	318	899	6.9	33.6	1.81	.00
2/ 301	Es	600	Apr. 27, 1962	12	1.2	48	17	* 318	--	164	324	288	.2	2.5	--	1,090	190	1,800	7.1	78.4	10.03	.00
2/ 302	Es	400	Oct. 5, 1938	--	--	86	47	* 259	--	183	377	305	--	--	--	1,164	409	--	--	58.0	5.58	.00
2/ 402	Ev	32	Jan. 16, 1963	16	--	273	84	* 262	--	458	458	520	2.7	3.0	--	1,844	1,030	2,910	6.7	35.7	3.56	.00
2/ 501	Es	510	Dec. 20, 1944	19	.31	49	20	103	16	208	142	91	.1	.5	--	543	204	894	7.9	49.89	3.67	.00
2/ 501	Es	510	Apr. 22, 1959	14	--	52	22	125	7.4	200	166	113	.0	2.0	--	599	220	1,020	7.4	54.2	3.67	.00
2/ 906	Ey	580	Jan. 24, 1963	9.1	--	28	5.8	* 440	--	266	446	258	.1	2.9	--	1,288	94	2,050	7.4	91.1	19.74	2.48
2/ 27-701	Ec	180	July 3, 1959	39	--	12	1.9	24	9.4	0	83	34	--	.0	.00	203	38	328	3.3	40.0	1.69	.00
2/ 703	Ec	210	May 27, 1969	19	--	31	4	12	7	101	16	21	.2	< .4	--	170	96	266	7.2	20.2	.54	.00
2/ 801	Ec	270	May 29, 1959	12	--	47	6.1	21	9.5	147	43	23	.1	.2	--	234	142	406	6.9	22.8	.76	.00
2/ 803	Qal	30	Feb. 5, 1963	19	--	92	19	* 20	--	306	41	26	.4	28	--	396	310	735	6.9	12.3	.49	.00
2/ 903	Ec	600	Apr. 24, 1959	13	--	48	4.4	19	12	128	46	28	.1	.2	--	233	138	399	6.9	21.3	.71	.00
2/ 903	Ec	600	Dec. 23, 1969	12	--	50	5	16	10	132	68	26	.1	< .4	--	232	145	385	7.8	18.0	.57	.00
2/ 905	Ec	385	May 18, 1962	14	.5	14	3.7	* 157	--	361	45	34	.4	.0	--	445	50	746	7.5	87.2	9.66	4.92
2/ 28-105	Ec	240	May 28, 1969	15	--	48	9	30	9	171	45	30	< .1	< .4	--	270	158	454	7.5	27.8	1.04	.00
2/ 202	Ewf	1,548	Apr. 27, 1962	18	.7	.8	.6	664	2.6	900	150	480	1.4	2.5	--	1,692	4	2,770	8.2	99.4	144.14	14.67

See footnotes at end of table.

GONZALES COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
2/ KR-67-28-203	Ewi	1,601	Apr. 25, 1962	17	0.06	1.0	0.5	695	2.6	972	52	470	1.6	2.2	1.6	1,717	4.	2,940	8.1	99.5	142.51	15.86
2/ 204	Ec	262	Aug. 1957	26	--	9.2	2.0	* 206	--	228	12	197	.2	.2	--	564	31	1,010	7.3	93.5	16.09	3.12
2/ 207	Eqc	82	May 23, 1969	64	--	172	45	90	11	207	368	198	.4	< .4	--	1,050	620	1,500	6.9	23.6	1.57	.00
2/ 208	Ec	--	May 28, 1969	28	--	47	5	20	6	148	36	18	< .1	< .4	--	233	138	366	7.6	22.7	.72	.00
2/ 209	Eqc	280	May 23, 1969	16	--	7	5	168	4	322	6	98	.6	< .4	--	462	40	784	7.5	89.2	11.65	4.49
2/ 303	Eqc	138	Oct. 14, 1938	--	--	99	27	* 59	--	220	127	122	--	--	--	542	356	--	--	27.4	1.39	.00
2/ 403	Ec	232	--	10	--	18	25	33	--	30	30	11	5	--	--	147	43	--	5	32.7	1.18	.00
2/ 405	Ec	550	May 7, 1959	14	--	50	8.3	29	9.3	170	48	31	.1	.0	--	273	159	473	7.2	26.9	1.00	.00
2/ 406	Ec	385	May 23, 1969	15	--	63	8	19	10	167	54	33	< .1	< .4	.1	284	189	477	7.5	16.9	.60	.00
2/ 407	Ec	242	May 27, 1969	27	--	14	3	8	7	37	20	14	< .1	< .4	--	112	47	163	6.7	24.0	.51	.00
2/ 408	Ec	370	May 28, 1969	16	--	52	9	26	9	171	44	30	< .1	< .4	--	270	165	451	7.8	24.1	.87	.00
2/ 409	Ec	200	Dec. 23, 1969	14	--	42	6	18	10	113	50	26	.1	< .4	--	222	128	364	7.5	21.4	.68	.00
2/ 501	Ec	600	Apr. 25, 1962	17	.02	1.2	.6	* 227	--	550	4	28	1.9	.0	--	550	6	905	7.7	98.9	42.09	8.91
2/ 502	Ewi	1,100	do	16	.09	2.0	1.2	* 170	--	418	2	22	1.8	.0	--	426	10	702	7.7	97.4	23.40	6.66
2/ 503	Ec	385	Apr. 26, 1962	16	.08	1.5	.5	127	3.2	298	16	19	.7	.0	.39	331	6	551	7.8	96.7	23.54	4.78
2/ 506	Ec	350	Mar. 14, 1963	17	--	1.5	.0	* 113	--	252	17	17	.5	.0	--	289	4	474	7.8	98.6	26.30	4.06
2/ 602	Eqc	91	Oct. 14, 1938	--	--	172	63	* 105	--	183	269	345	--	--	--	1,044	689	--	--	24.9	1.74	.00
2/ 702	Eqc	56	Sept. 19, 1938	--	--	--	--	--	--	207	138	62	--	28	--	499	--	--	--	--	--	--
2/ 703	Ec	817	June 1, 1959	14	--	44	8.8	38	9.2	176	53	31	.1	.0	--	284	146	479	7.1	34.3	1.37	.00
2/ 901	Eqc	600	Apr. 27, 1962	15	.22	.8	.2	* 322	--	660	.0	115	.4	.0	--	776	3	1,320	8.0	99.6	80.83	10.76
2/ 902	Ec	874	May 13, 1959	14	--	1.8	.7	229	2.3	560	.0	26	3.0	.0	--	548	8	899	7.8	97.9	36.37	9.03
2/ 29-101	Ec	740	Apr. 27, 1962	30	.42	37	5.8	* 33	--	163	24	20	.2	.0	--	230	116	369	7.0	38.2	1.33	.34
2/ 103	Eqc	381	June 6, 1969	26	--	81	33	72	10	198	191	108	.6	< .4	--	618	340	975	7.4	30.8	1.70	.00
2/ 104	Eqc	380	do	--	--	234	88	123	16	--	1,190	152	.7	< .4	--	1,803	950	2,570	2.9	21.6	1.73	.00
2/ 301	Eqc	300	June 16, 1959	77	12	80	31	139	17	0	157	352	.2	.0	--	853	327	1,520	3.2	46.4	3.34	.00
2/ 302	Es	265	Nov. 1, 1938	--	--	47	16	* 84	--	61	99	122	--	--	--	378	185	--	--	43.1	2.05	.00
2/ 501	Es	400	Sept. 19, 1962	24	--	20	11	* 166	--	152	114	150	.2	.0	--	559	95	977	6.9	79.2	7.61	.59
2/ 501	Es	400	Aug. 14, 1970	23	--	31	11	159	4	170	120	151	.2	< .4	--	583	122	958	7.6	73.3	6.29	.35
2/ 502	Es	556	Sept. 29, 1938	--	--	5	2	* 259	--	342	87	151	.4	--	--	672	21	--	--	96.5	24.89	5.20
2/ 602	Ec	1,685	Apr. 3, 1970	17	--	4	1	117	< 1	299	6	15	.3	< .4	--	308	16	485	7.9	94.3	12.95	4.59
2/ 701	Eqc	540	Apr. 25, 1962	18	.77	2.5	1.5	* 247	--	446	12	120	.3	.0	--	620	12	1,060	8.0	97.8	31.00	7.07
2/ 702	Eqc	600	do	15	.19	.8	.5	324	2.0	688	.0	112	.4	.0	1.0	784	4	1,310	8.2	99.1	70.45	10.88
2/ 705	Qa1	25	Jan. 18, 1963	22	--	138	25	* 137	--	412	310	50	.4	16	--	900	448	1,370	6.9	40.0	2.82	.00
2/ 706	Uem	100	do	13	--	3.2	3.1	* 702	--	600	.8	382	2.6	.5	--	1,399	21	2,860	8.0	98.7	67.45	9.43

See footnotes at end of table.

GONZALES COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (%)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	ESC
2/ KR-67-29-707	Gal	30	Jan. 18, 1963	24	--	95	8.2	* 33	--	340	16	24	0.2	16	--	383	270	566	7.9	21.0	0.88	0.17
2/ 801	Ey	30	Apr. 21, 1959	70	--	382	182	804	31	211	1,920	900	.3	95	--	4,487	1,700	5,850	7.0	50.1	8.48	.00
2/ 802	Ey	100	Dec. 17, 1962	18	--	49	.5	* 626	--	346	644	418	.3	.2	--	1,940	184	2,960	7.3	88.1	20.07	1.99
2/ 803	Ey	102	do	34	--	184	27	* 194	--	344	157	380	.3	12	--	1,157	570	1,920	7.4	42.5	3.54	.00
2/ 30-102	Ey	90	Apr. 22, 1959	75	--	113	27	178	7.9	162	116	360	.4	21	--	977	393	1,670	6.8	49.0	3.90	.00
2/ 103	Es	588	Sept. 19, 1962	11	--	4.0	2.5	* 421	--	422	16	405	.7	.0	--	1,066	20	1,940	7.8	97.8	40.44	6.51
2/ 301	Ey	125	Mar. 14, 1963	21	--	147	23	* 430	--	304	532	418	.1	3.0	--	1,723	462	2,660	7.4	67.0	8.71	.00
2/ 401	Ec	2,360	May 13, 1969	23	--	6	1	92	2	229	11	17	.2	< .4	0.1	265	18	412	8.0	90.7	9.45	3.40
2/ 502	EJ	80	Jan. 16, 1963	45	--	63	9.8	* 450	--	588	14	480	.4	2.5	--	1,332	198	2,360	7.0	83.2	13.93	5.69
2/ 504	Ec	2,300	May 13, 1969	25	--	3	< 1	109	1	239	14	17	< .1	< .4	.2	288	8	458	8.7	96.3	17.24	3.77
2/ 31-501	Mc	64	Jan. 16, 1963	59	--	102	3.0	* 16	--	262	19	22	.4	47	--	397	270	577	7.1	11.5	.43	.00
2/ 701	KJ	120	Apr. 21, 1959	70	--	89	4.4	* 82	--	337	37	74	--	.0	--	522	240	824	6.7	42.7	2.30	.73
2/ 34-502	Ec	250	Apr. 18, 1963	16	16	34	7.3	* 27	--	90	23	54	.1	.0	--	205	115	371	6.4	33.7	1.09	.00
2/ 610	Ec	328	July 2, 1959	32	--	3.5	3.2	* 31	--	2	50	25	--	.0	--	146	22	201	6.8	75.8	2.91	.00
2/ 803	Eng	54	Jan. 15, 1963	43	--	58	6.8	* 52	--	220	39	44	.4	.5	--	351	172	553	6.9	39.6	1.72	.16
2/ 804	Ec	480	May 20, 1969	6	--	27	3	15	9	102	< 4	28	< .1	< .4	< .1	142	82	256	7.7	26.1	.73	.04
2/ 902	Ec	670	Mar. 13, 1963	18	14	19	2.6	* 20	--	44	24	28	.1	.0	--	133	58	221	5.9	42.9	1.14	.00
2/ 903	Ec	341	do	15	--	66	17	* 42	--	220	76	46	.2	.0	--	370	54	630	6.9	28.1	1.20	.00
2/ 904	Ec	600	Aug. 19, 1969	31	--	6	2	14	9	40	26	22	.2	< .4	.1	115	26	161	6.0	44.36	1.17	.00
2/ 905	Ec	810	do	22	--	17	3	16	12	21	48	26	.3	< .4	--	155	56	239	6.2	32.7	.93	.00
2/ 35-102	Ec	176	Apr. 18, 1963	16	67	82	24	* 76	--	138	104	173	.4	1.2	--	544	303	960	6.2	35.3	1.90	.00
2/ 103	Ec	172	do	17	2.3	182	55	* 107	--	236	250	325	.4	.5	--	1,050	680	1,710	6.8	25.5	1.78	.00
2/ 201	Ec	800	July 2, 1959	23	--	9.2	2.4	11	8.1	25	21	18	--	.0	.05	105	33	158	5.6	35.6	.84	.00
2/ 401	Ec	732	do	26	--	3.8	2.2	15	7.3	2	27	22	--	.0	.04	104	19	149	4.8	53.7	1.51	.00
2/ 405	Ec	700	Mar. 26, 1959	20	--	6.0	2.2	* 18	--	11	24	21	--	.0	--	97	24	150	6.1	61.9	1.59	.00
2/ 405	Ec	700	June 19, 1959	--	3.1	--	--	--	--	7	--	22	--	--	--	--	23	149	4.9	--	--	--
2/ 502	Eqc	130	Nov. 22, 1938	--	--	140	52	* 179	--	397	449	112	--	--	--	1,127	562	--	--	40.9	3.28	.00
2/ 504	Eqc	156	Aug. 13, 1970	18	--	126	50	177	9	397	405	117	.5	< .4	--	1,097	520	1,590	7.6	41.4	3.37	.00
2/ 601	Eqc	100	Mar. 15, 1963	13	4.9	385	223	* 286	--	310	1,250	670	--	.0	--	2,979	1,880	4,010	6.6	24.9	2.87	.00
2/ 701	Ec	630	Dec. 22, 1969	11	--	22	4	14	11	66	24	24	.2	< .4	--	143	73	247	7.0	25.4	.69	.00
2/ 803	Eqc	360	Oct. 11, 1962	37	15	86	26	* 73	--	171	184	104	.6	.0	--	594	322	930	6.3	33.1	1.77	.00
2/ 901	Eqc	2,150	May 1, 1962	14	.07	1.2	.3	256	2.7	408	104	82	.4	.2	.65	663	4	1,100	8.1	98.7	55.70	6.61
2/ 902	Eqc	440	Oct. 25, 1962	13	--	56	29	* 153	--	276	212	102	.3	.2	--	702	259	1,120	7.3	56.3	4.14	.00
2/ 36-102	Eqc	250	Feb. 5, 1963	16	--	76	44	* 104	--	234	211	130	.1	.0	--	696	370	1,160	7.5	37.9	2.35	.00

See footnotes at end of table.

## GONZALES COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
RR-67-36-104	Ec	930	May 28, 1969	10	--	52	6	29	9	167	45	30	0.2	< 0.4	--	263	154	445	7.8	27.6	1.02	0.00
301	Es	104	Sept. 19, 1938	--	--	52	49	* 315	--	427	138	370	--	--	--	1,133	330	--	--	67.4	7.53	.38
302	Qal	80	Feb. 5, 1963	23	--	32	11	402	--	324	178	385	.4	4.2	--	1,194	125	2,030	7.3	87.5	15.64	2.81
501	Ec	1,650	Apr. 13, 1959	16	--	2.8	.6	96	3.6	220	17	18	--	.0	0.09	262	9	436	7.4	93.7	13.56	3.42
502	Ec	283	Mar. 30, 1962	27	17	188	110	388	13	168	600	730	.0	1.5	1.3	2,140	922	3,380	6.5	47.4	5.56	.00
503	Es	400	Oct. 11, 1962	18	2.8	39	22	* 310	--	189	300	278	.3	.8	--	1,060	188	1,730	6.8	78.2	9.84	.00
503	Es	400	Dec. 22, 1969	16	--	43	24	307	6	190	319	284	.4	3.5	--	1,096	204	1,740	8.4	76.0	9.35	.00
505	Es	500	May 15, 1969	16	--	37	14	285	8	183	258	266	.3	< .4	.7	974	151	1,590	7.6	79.4	10.10	.00
604	Es	530	Apr. 3, 1959	12	--	4.5	2.7	379	1.8	312	196	275	.1	.2	.92	1,026	22	1,810	8.1	96.8	35.16	4.66
802	Ec	1,650	Apr. 13, 1959	18	--	2.5	.6	* 127	--	288	16	22	.4	.0	--	327	8	546	8.0	97.0	18.93	4.55
803	--	1,800	Apr. 26, 1962	13	.08	7.0	5.5	* 290	--	216	190	208	.2	2.2	--	822	40	1,380	7.7	94.0	19.95	2.74
902	Es	900	Oct. 10, 1962	15	--	2.0	1.3	* 790	--	860	42	810	--	.2	--	1,990	10	3,450	8.1	99.4	106.07	10.61
37-201	Ec	1,750	Dec. 20, 1944	--	--	--	--	--	--	1,440	2	310	--	1.2	--	1,820	--	322	7.9	--	--	--
203	Ec	2,230	July 23, 1957	--	--	8	9	* 730	--	1,305	18	322	--	--	--	1,726	23	--	--	96.5	42.07	20.26
203	Ec	2,230	July 25, 1957	--	--	--	--	--	--	1,050	--	252	--	--	--	--	24	2,410	8.5	--	--	--
203	Ec	2,230	Apr. 14, 1959	18	--	3.8	1.7	* 958	--	1,610	.2	352	--	.8	--	2,330	16	3,960	7.9	99.2	102.58	26.07
204	Ey	100	Dec. 17, 1962	11	--	5.5	3.9	* 863	--	648	386	690	--	.2	--	2,280	30	3,650	8.0	98.5	69.12	10.04
205	Qal	30	Dec. 19, 1962	18	--	98	7.1	* 21	--	274	23	38	--	21	--	360	274	614	7.0	14.3	.55	.00
206	Qal	60	Jan. 24, 1963	24	2.8	80	18	* 279	--	350	269	220	.5	.0	--	1,062	274	1,660	7.3	68.9	7.34	.27
301	Ey	430	June 4, 1959	8.8	--	60	1.8	23	2.3	231	28	38	.3	3.5	--	295	224	533	7.6	18.1	.67	.00
305	Ey	125	Dec. 17, 1962	25	--	24	7.5	* 225	--	392	123	92	.4	.5	--	689	91	1,090	7.2	84.3	10.26	4.61
402	Ey	100	Nov. 29, 1938	--	--	362	118	* 371	--	329	1,018	615	--	--	--	2,645	1,392	--	--	36.8	4.33	.00
501	Ey	200	Nov. 28, 1938	--	--	318	47	* 944	--	183	1,541	910	--	--	--	3,850	990	--	--	67.5	13.07	.00
601	Qal	30	Dec. 19, 1962	22	--	91	17	* 72	--	302	94	48	.6	43	--	540	297	851	7.0	34.5	1.82	.00
701	Ey	100	Sept. 21, 1962	28	--	190	65	* 347	--	340	522	478	.2	.2	--	1,797	742	2,870	6.8	50.5	5.54	.00
803	Ej	90	Oct. 26, 1962	31	--	64	9.2	* 112	--	334	87	53	.9	.5	--	520	198	840	7.2	55.2	3.47	1.53
38-401	Qal, Ej	190	Dec. 18, 1962	25	--	126	4.9	* 34	--	318	30	68	.2	42	--	476	334	788	7.0	18.1	.81	.00
403	Qal	30	do	18	--	122	9.1	* 39	--	310	35	51	.1	79	--	505	342	838	6.8	19.9	.92	.00
603	Mc	60	Jan. 17, 1963	48	--	92	6.0	* 75	--	366	42	40	1.3	17	--	499	254	781	6.8	39.1	2.05	.92
802	Qal	70	Dec. 18, 1962	31	--	111	6.3	* 30	--	346	27	27	.3	21	--	423	303	684	6.7	17.8	.75	.00
803	Qal	30	do	41	--	118	5.3	* 22	--	330	24	40	.4	15	--	427	316	684	6.8	13.2	.54	.00
804	Qal	30	do	26	--	138	7.3	* 44	--	286	43	87	.3	83	--	568	374	936	6.8	20.3	.99	.00
805	Mc	128	do	68	--	19	3.6	* 278	--	614	24	97	.4	.0	--	790	62	1,200	7.4	90.6	15.29	8.82
901	Ej	425	Apr. 22, 1959	84	--	9.6	1.0	293	11	543	0	158	.4	.0	--	823	28	1,300	7.3	93.8	24.10	8.35

See footnotes at end of table.

## GONZALES COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (%)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOES AT 25°C)	pH	PERCENT SULFATE	SAR	RSC
2/ KK-67-38-903	No	93	Sept. 18, 1962	24	--	133	4.3	* 17	--	272	23	44	0.5	93	--	472	350	789	6.7	9.6	0.40	0.00
2/ 39-101	No	100	Jan. 16, 1963	25	--	180	4.1	+ 38	--	296	32	90	.4	180	--	694	466	1,090	7.1	15.0	.76	.00
42-603	Ec	1,164	Dec. 22, 1969	15	--	44	6	20	12	109	47	37	.2	< .4	--	235	135	403	7.0	22.2	.74	.00
2/ 604	Eqc	700	Mar. 13, 1963	15	--	2.2	.4	* 169	--	268	76	54	.2	< .0	--	448	7	751	7.8	98.1	27.78	4.26
901	Eqc	720	Aug. 13, 1970	13	--	40	17	138	4	217	156	94	.2	< .4	--	569	169	924	7.6	63.4	4.63	.19
2/ 902	Ec	1,382	Apr. 28, 1962	17	0.64	60	5.1	22	9.8	166	41	39	.1	.0	0.04	275	171	466	6.8	20.8	.74	.00
2/ 903	Ec	1,387	Dec. 22, 1944	16	.20	44	7.2	29	5.8	168	30	29	0	.5	--	244	--	--	7.9	29.5	1.07	.00
2/ 903	Ec	1,387	May 15, 1959	14	--	46	6.0	26	8.8	157	30	31	.1	.2	.16	239	139	422	7.0	27.2	.96	.00
903	Ec	1,387	July 17, 1972	15	.56	24	5	199	5	314	119	100	.3	< .4	--	620	82	990	7.6	83.0	9.56	3.50
2/ 906	Ec	1,645	Nov. 15, 1968	34	2	55	6	18	--	123	33	34	--	--	--	220	--	--	6.55	19.5	.61	.00
906	Ec	1,645	Apr. 5, 1970	13	.4	55	7	16	6	157	37	28	.2	< .4	--	239	165	404	7.6	16.5	.53	.00
2/ 43-101	Ec	750	May 28, 1959	16	--	32	7.7	25	12	94	53	36	.0	.0	--	229	112	391	5.9	30.0	1.03	.00
103	Ec	1,000	May 20, 1969	20	--	18	3	14	10	50	19	25	< .1	< .4	< .1	134	57	212	6.8	39.8	.78	.00
104	Ec	1,200	Aug. 19, 1969	18	--	21	5	14	9	66	26	24	.3	< .4	.2	150	74	249	7.1	26.6	.72	.00
203	Ec	1,215	May 21, 1969	17	--	52	5	24	10	156	43	29	< .1	< .4	.1	257	151	424	7.7	24.4	.86	.00
204	Eqc	160	Aug. 14, 1970	12	--	61	30	510	6	262	620	389	.7	< .4	--	1,757	275	2,580	7.9	79.6	13.32	.00
2/ 404	Eqc	345	June 4, 1959	10	--	101	41	256	14	123	514	250	.2	.2	--	1,246	420	1,950	6.9	56.0	5.43	.00
2/ 406	Eqc	500	Apr. 28, 1962	12	.06	3.5	1.4	* 249	--	212	210	178	.2	.0	--	798	14	1,350	7.8	97.7	33.01	3.19
407	Ec	2,250	May 21, 1969	15	--	54	8	25	10	165	50	30	< .1	< .4	--	273	168	449	7.6	23.3	.85	.00
2/ 501	Ec	1,425	Apr. 14, 1959	12	--	51	5.5	* 29	--	157	37	33	.0	.0	--	244	150	440	7.2	29.6	1.03	.00
502	Eqc	538	Aug. 14, 1970	13	--	8	4	870	3	388	911	456	.9	< .4	--	2,456	37	3,540	7.7	97.9	62.01	5.62
2/ 503	Eqc	550	Mar. 13, 1963	12	--	8.5	3.7	* 766	--	320	840	400	--	.0	--	2,187	36	3,350	7.8	97.9	55.53	6.53
2/ 601	Ec	1,883	Apr. 14, 1959	15	--	30	6.8	* 59	--	199	29	27	--	.2	--	265	103	460	7.6	55.5	2.53	1.20
601	Ec	1,883	May 22, 1969	20	--	35	6	46	8	783	29	28	< .1	< .4	--	262	112	479	7.7	45.0	1.89	.76
2/ 801	Ec	500	Apr. 3, 1959	11	--	3.0	2.6	* 1,260	--	834	588	1,040	--	.5	--	3,316	23	5,420	7.9	99.2	114.29	13.22
2/ 806	Ec	1,995	Feb. 13, 1965	15	.20	44	7.4	32	--	175	29	24	0	.0	--	239	--	--	7.4	33.1	1.17	.11
2/ 807	Ec	132	Mar. 13, 1963	34	--	335	89	* 386	--	266	884	640	--	.0	--	2,498	1,200	3,620	6.7	41.1	4.84	.00
2/ 903	Ec	2,530	Apr. 13, 1959	18	--	3.2	.9	192	3.6	416	6	58	.4	.0	.32	486	12	828	7.9	96.3	24.62	6.59
903	Ec	2,530	July 17, 1972	21	--	3	3	182	4	418	6	56	.4	< .4	.4	481	17	762	8.2	94.7	19.20	6.52
906	Ec	2,517	May 21, 1969	24	--	3	3	265	3	608	8	66	1.2	< .4	--	670	21	1,051	7.9	95.9	25.60	9.55
2/ 44-101	Ec	500	May 14, 1959	12	--	2.1	1.4	612	3.9	864	222	290	1.6	.5	--	1,567	11	2,590	8.2	98.8	80.26	13.95
2/ 103	Ec	440	Mar. 30, 1962	11	2.6	27	21	* 1,790	--	606	18	2,500	--	--	--	4,664	154	8,010	7.6	96.2	62.75	6.86
2/ 201	Ec	2,190	do	20	.07	1.2	.0	113	1.3	257	14	18	.4	.0	.26	293	3	477	8.0	98.2	28.41	4.15
2/ 201	Ec	2,190	Apr. 3, 1970	17	--	1	1	106	< 1	250	17	13	.4	< .4	--	279	5	445	8.3	97.9	20.57	4.00

See footnotes at end of table.

GONZALES COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

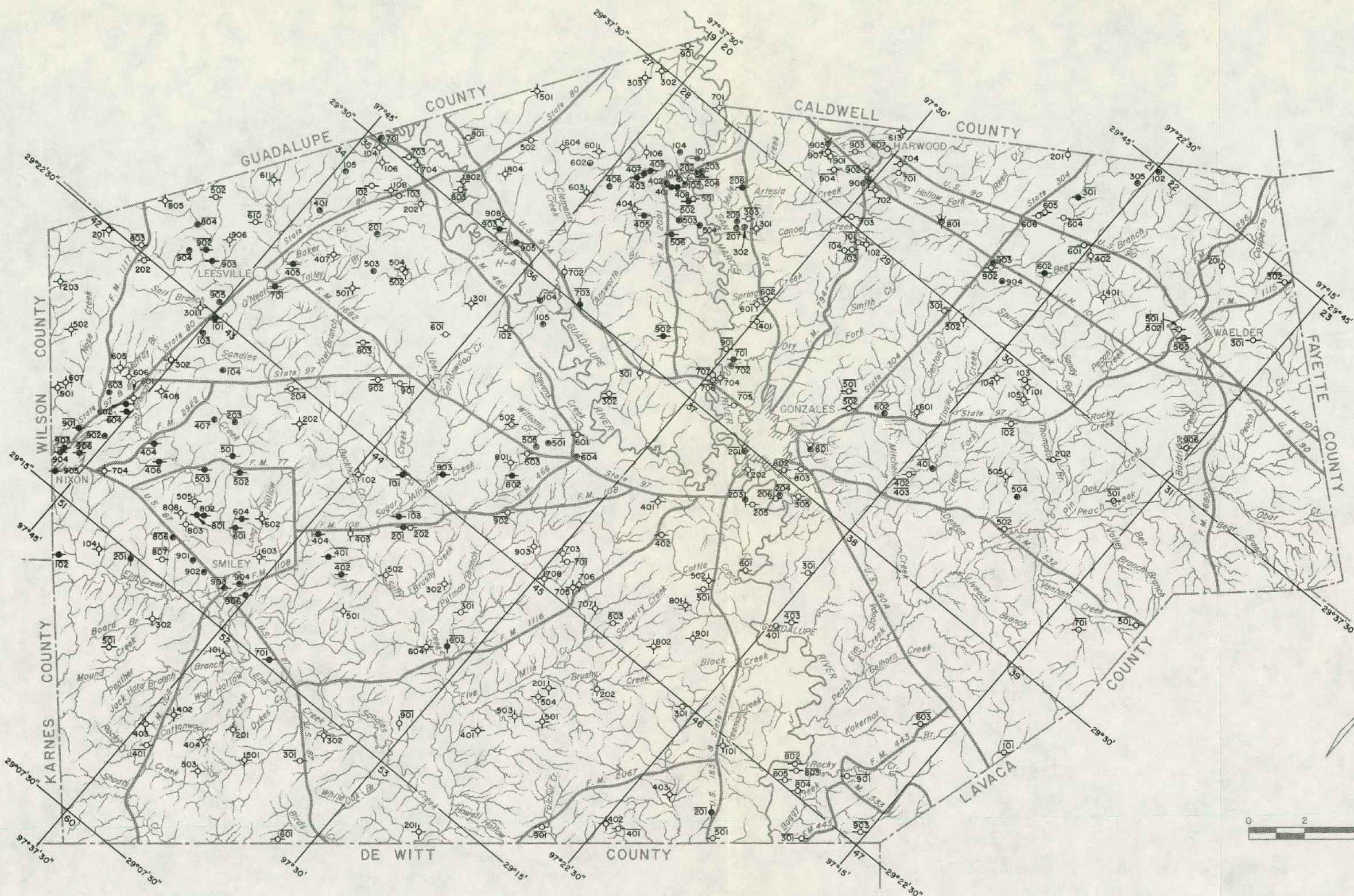
WELL	AQUIFER	DEPTH OF WELL (FE)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHMS AT 25°C)	pH	PERCENT SODIUM	SAR	RBC
2/ KR-67-44-202	Eda	120	Mar. 30, 1962	14	14	365	131	* 326	--	172	1,340	460	--	1.8	--	2,702	1,450	3,560	6.9	32.9	3.73	0.00
2/ 301	Ey	120	Sept. 21, 1962	16	--	14	5.4	* 1,280	--	1,110	3	1,370	--	.0	--	3,232	57	6,740	7.4	98.0	73.75	17.06
2/ 401	Ec	2,350	Apr. 28, 1962	18	.13	12	4.8	* 71	--	192	20	18	0.2	.0	--	238	50	392	7.7	75.7	4.39	2.16
2/ 401	Ec	2,350	May 22, 1969	20	--	13	4	65	6	193	19	16	.3	.4	--	238	52	381	7.9	70.4	3.92	2.13
2/ 402	Ec	2,625	Mar. 20, 1959	18	--	1.5	1.4	178	2.4	399	10	35	.9	.0	0.64	441	5	765	8.0	98.0	34.61	6.44
2/ 402	Ec	2,425	May 22, 1969	23	--	4	1	171	3	393	11	34	.7	.4	--	440	14	705	8.4	95.5	20.22	6.17
2/ 403	Ey	65	Oct. 10, 1962	25	15	11	3.4	* 83	--	114	17	78	--	.0	--	273	41	465	6.5	81.3	5.60	1.04
2/ 602	Ea	1,200	do	17	--	51	17	* 4,370	--	1,010	21	6,270	--	--	--	11,241	197	17,400	7.1	98.0	135.43	12.67
2/ 701	Ec	2,967	May 22, 1969	28	--	4	2	453	5	970	5	155	1.3	.4	--	1,128	16	1,770	8.0	97.8	49.25	15.52
2/ 901	Ej	74	Oct. 25, 1962	30	--	.5	1.9	* 603	--	690	45	515	1.1	.2	--	1,534	32	2,630	7.9	99.3	87.43	11.14
2/ 45-301	Mj	50	Oct. 26, 1962	67	--	49	6.4	* 110	--	33	116	123	.3	82	--	570	149	860	6.5	61.6	3.92	.00
2/ 901	Mc	135	Apr. 21, 1959	53	--	94	3.1	* 70	--	331	61	45	.4	.0	--	488	247	776	6.8	38.2	1.94	.49
2/ 46-201	Mc	--	Oct. 28, 1936	--	--	18	4	* 501	--	671	44	395	.0	--	--	1,291	63	--	--	94.7	27.79	9.77
2/ 301	Mc	230	Jan. 17, 1963	44	--	54	7.4	* 178	--	334	43	165	.3	.2	--	655	165	1,120	7.1	70.1	6.03	2.18
2/ 401	Mo	100	Sept. 20, 1962	35	--	148	6.4	* 52	--	280	38	158	.4	21	--	596	396	1,050	6.7	22.2	1.14	.00
2/ 501	Mo	80	Oct. 28, 1938	--	--	68	10	* 119	--	415	28	72	--	--	--	500	211	--	--	55.2	3.57	2.60
2/ 51-102	Mc	2,225	Mar. 12, 1963	20	--	5.5	3.3	* 291	--	636	6.8	91	.9	.0	--	729	27	1,220	7.5	95.9	24.36	9.89
2/ 201	Egc	744	do	13	--	19	16	* 3,490	--	1,540	1	4,560	--	--	--	8,856	114	14,200	7.5	98.5	142.51	22.99
2/ 501	Ej	140	Jan. 15, 1963	18	--	52	10	* 347	--	434	328	160	.2	1.0	--	1,129	170	1,840	7.4	81.6	11.96	3.71
2/ 52-301	Ej	110	May 12, 1959	63	--	218	16	299	28	339	374	448	.3	1.5	--	1,614	610	2,550	6.6	50.2	5.27	.00
2/ 401	Ej	170	Mar. 12, 1963	72	--	282	18	* 403	--	300	512	620	--	.0	--	2,054	778	3,170	6.3	53.0	6.28	.00
2/ 601	Mc	132	Oct. 10, 1962	77	--	136	7.2	149	--	338	173	166	.3	.0	--	874	369	1,320	6.7	46.8	3.37	.00

\* Sodium and potassium calculated as sodium (Na).  
 † Includes the equivalent of any carbonate (CO<sub>3</sub>) present.

LABORATORY CONDUCTING ANALYSIS:  
 U.S. Geological Survey Laboratory  
 Laboratory Unknown  
 Texas Agriculture Experiment Station  
 Hudson Water Softner Corporation, San Antonio, Texas  
 Bureau Industrial Chemistry, University of Texas  
 Jordan Laboratory, Corpus Christi, Texas

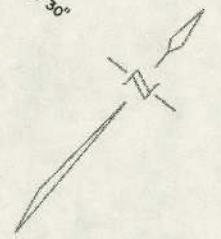






EXPLANATION

- Public supply well
  - Industrial well
  - Irrigation well
  - Domestic or livestock well
  - Oil or gas well
  - Test hole
  - Unused or abandoned well
  - Solid circle indicates flowing well
  - Line above well number indicates chemical analysis given in Table 4
- Note: This county is within 1° quadrangle No. 67



Location of Selected Water, Oil, and Gas Wells in Gonzales County





GUADALUPE COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in remarks column.

Water level : Reported water levels given in feet; measured water levels given to the nearest tenth or hundredth of a foot.

Method of lift and

type of power : A, airlift; C, cylinder; Cf, centrifugal; E, electric; G, gasoline, butane, or Diesel engine; H, hand; J, jet; N, none; Ng, natural gas; T, turbine; W, windmill, Number indicates horsepower.

Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.

Water-bearing units: Kea, Edwards and associated limestones; Ewi, Wilcox Group; Re, Carrizo Sand; Rn, Reklus Formation; Eac, Queen City Sand; Ew, Weechee Formation; Eb, Bigford Formation; Eop, El Pico Clay; Es, Sparta Sand; El, Laredo Formation; Ecm, Cook Mountain Formation; Ey, Yegua Formation; Ej, Jackson Group; Ma, Catahoula Tuff; Mo, Oakville Sandstone; Md, Lagarto Clay; Qt, terrace gravel; Qal, alluvium.

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* KX-67-09-502	Fritz Moeller	--	1933	15	48	--	--	632	4.1	May 21, 1957	Cf, E	D	Dug well, curbed with rock. Temp. 72°F. <u>4</u>
* 601	Jeasie Dietz	--	--	--	36	--	--	556	--	--	Cf, E	D, S	Dug well, curbed with brick. Temp. 72°F. <u>4</u>
* 10-404	C. C. Howard, Jr.	--	--	25	36	--	Qal	550	--	--	C, E	D, S	Dug well. Temp. 72°F. <u>4</u>
* 17-301	Edwin Jechow	--	1945	11	36	11	Qt	452	--	--	C, G	D, S	Dug well, curbed with concrete. Temp. 66°F. <u>4</u>
* 401	Albert L. Hensley	--	--	35	36	30	Qal	632	--	--	C, E	D	Dug well, curbed with concrete. Temp. 70°F. <u>4</u>
* 409	R. Forrester	--	1925	35	36	--	Qt	611	--	--	J, E	D, S	Dug well, curbed with brick. Temp. 66°F. <u>4</u>
* 413	R. E. Neumann	--	1925	18	96	--	Qt	588	9.75	May 5, 1964	N	N	Dug well, curbed with brick. <u>4</u>
* 702	Benno Heinemeyer	--	1905	27	48	15	Qt	578	19.3 22.36	June 1, 1936 Aug. 1, 1957	Sub, E 5	P, Ind	Well 20 in Texas Board of Water Engineers miscellaneous report 103. Dug well, curbed with brick. Temp. 71°F. <u>4</u>
* 708	Navarro Public School	--	1953	28	36	27	Qt	584	25.5	May 29, 1957	T, E 3	P	Dug well, curbed with concrete rings. Temp. 72°F. <u>4</u>
* 712	T. D. Jackson	--	--	42	36	--	Qt	593	26.02	Aug. 7, 1957	C, W	S	Dug well, curbed with brick. Temp. 63°F. <u>4</u>
* 715	Mrs. Alice Raetzsch	--	--	36	40	--	Qt	595	29.64	May 4, 1964	T, E	D	Dug well. <u>4</u>
* 804	Henry Engelke	--	--	33	48	--	Qt	555	--	--	Cf, E	D, S	Dug well. Temp. 70°F. <u>4</u>
* 805	Martin and Norman Glenswinkle	--	--	40	36	40	Qt	574	--	--	Cf, E	D, S	Dug well. Temp. 67°F. <u>4</u>
* 18-102	William Stautzenberger	--	--	50	36	15	Qal	560	41.38 31.68	Aug. 7, 1957 Nov. 20, 1957	Cf, E	S	Dug well. Temp. 69°F. <u>4</u>
* 305	Lem Allen	Katscher Drilling Co.	1961	172	12 10	110 172	Ewi	405	26.65 19.35	Feb. 20, 1964 May 26, 1970	T, E 30	N	Slotted from 110 to 172 ft. Unused irrigation well. Pump set at 150 ft. <u>4</u>
* 403	Arthur Stautzenberger	D. Perryman	1955	174	6	130	--	643	105.11	Aug. 2, 1957	C, E 1/2	S	Temp. 72°F. <u>4</u>
* 503	J. N. Lumsford	--	--	140	5	--	Ewi	461	4.4	Dec. 16, 1963	J, E 1/4	D, E	<u>4</u>
* 505	Monroe Schubert	D. Perryman	--	316	4	190	Ewi	465	.0	Dec. 17, 1963	T, C 75	N	Unused livestock and irrigation well. Reported yield of 400 gpm. <u>4</u>
* 506	Bob Hemdick	Schubert Water Well Drilling	1963	180	4	180	Ewi	460	--	--	C, W	S	<u>4</u>
* 601	J. D. Cowley	--	--	80	5	--	Ewi	476	60.7 59.21	Sept. 21, 1936 Mar. 27, 1969	C, W	S	Well 56 in Texas Board of Water Engineers miscellaneous report 103, Historical observation well. <u>4</u>
* 603	Lem Allen	John Perryman	--	180	5	--	Ewi	405	18.64 22.73	May 26, 1970 Mar. 1, 1972	T, E 25	N	Unused livestock and irrigation well. Reported yield of 400 gpm. Temp. 73°F. Observation well. <u>4</u>
* 801	W. F. Pegg	do	1954	156	4	156	Ewi	545	53	Apr. 1962	Sub, E 3/4	D, S	Temp. 74°F. <u>4</u>
* 804	W. W. Hickman	D. Perryman	1940	240	4	205	Ewi	580	140	Jan. 1964	C, W, E 3/4	D, S	<u>4</u>
* 805	Lealie Baker	Billy Perryman	--	310	4	200	Ewi	580	--	--	Sub, E	D, S	Slotted from 196 to 200 ft. <u>4</u>

See footnotes at end of table.

GUADALUPE COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* KX-67-18-903	August Glenewinkle	Will Smith	--	165	5	--	Ewi	592	82.9	Sept. 21, 1936	T, E	D, S	Well 83 in Texas Board of Water Engineers miscellaneous report 103. <u>g</u>
* 19-404	J. D. Wright	--	1918	180	6	--	Ewi	436	--	--	T, E	S	Well 59 in Texas Board of Water Engineers miscellaneous report 103. <u>g</u>
* 702	-- Gambre	--	1892	103	6	--	Ewi	410	50.5	Sept. 16, 1936	N	N	Well 61 in Texas Board of Water Engineers miscellaneous report 103. Abandoned. <u>g</u>
* 703	Doyle R. Tilley	--	--	48	6	43	Ewi	422	27	Jan. 1964	C, E	D, S	<u>g</u>
* 704	Rufus Penry	John Perryman	1951	450	4	--	Ewi	475	70	1951	Sub, E 2-1/2	D, S	Well deepened to 450 ft. Pump set at 147 ft.
* 706	Glenwood Warricke	T. and S. Water Well Drilling Co.	1967	357	6	357	Ewi	451	69	July 20, 1967	Sub, E 15	Ind	Slotted from 260 to 280 ft. Pump set at 289 ft. Development test yielded 150 gpm on July 20, 1967. Temp. 76°F. <u>g</u>
* 25-204	R. Grein	--	--	16	36	--	Qt	568	12.21	Nov. 20, 1957	T, E 1	D, S	Dug well. <u>g</u>
* 403	Reno Grimm	Schubert Water Well Drilling	1962	60	4	60	Ewi	520	40	Mar. 1962	J, E 1/2	D	Temp. 75°F. <u>g</u>
* 502	Anthony Mays	John Perryman	1954	200	4	200	Ewi	500	45	Apr. 1962	J, E 1	D	Perforated from 190 to 198 ft. Temp. 74°F. <u>g</u>
* 507	Jack Mondin	Roland Herbold Water Well Pump and Service	1959	140	4	--	Ewi	529	--	--	T, E	D, S	<u>g</u>
* 603	Norman Roecker	Charles L. Behrens Drilling Co.	1962	178	4	178	Ewi	514	65	1964	J, E 1	D	Perforated from 158 to 178 ft. <u>g</u>
* 701	Troy Lakey	-- Weeks	1958	290	5	290	Ewi	486	27	Apr. 1962	J, E 1	D, S	Perforated from 265 to 290 ft. Temp. 73°F. <u>g</u>
* 704	R. A. Gombert Estate	Charles Bost	1900	75	6	--	Ewi	536	48.8	Oct. 9, 1936	Sub, E	D	Well 375 in Texas Board of Water Engineers miscellaneous report 103. <u>g</u>
* 707	Billy Belcher	--	--	--	--	--	Ewi	500	58.10	May 12, 1970	T, E 40	S, Irr	Temp. 78°F.
* 804	Chris and Ralph Tarnava	Roland Herbold Water Well Pump and Service	1960	185	4	--	Ewi	532	102.1	Jan. 28, 1964	Sub, E	D, S	<u>g</u>
* 806	Frank Lumbrecht	--	--	100	6	--	Ewi	512	96.3 81.11	Oct. 9, 1936 Feb. 17, 1967	C, W	D, S	Well 394 in Texas Board of Water Engineers miscellaneous report 103. Historical observation well. <u>g</u>
* 807	Oleburne Soefje	Charles L. Behrens Drilling Co.	1963	253	4	253	Ewi	490	51	1964	Sub, E 1-1/2	S	Perforated from 210 to 233 ft. <u>g</u>
* 808	George P. Alexander	do	1964	225	8	208	Ewi	488	60	Aug. 6, 1964	Sub, E 10	S, Irr	Slotted from 118 to 138 ft and 164 to 208 ft. Gravel packed. Pump set at 140 ft. Development test: Drawdown of 90 ft while pumping 177 gpm. <u>g</u>
* 901	Leon Engler	L. W. Bishop	1958	229	7 5	-- 229	Ewi	460	30	1961	C, E 1	D, S	Perforated at 65 ft and from 194 to 229 ft. Temp. 74°F. <u>g</u>
* 902	Bernard Mitsch	Fritz Meyer	1916	120	5	120	Ewi	472	60	1962	C, E 1	S	Temp. 74°F. <u>g</u>
* 903	do	Schubert Water Well Drilling	1961	265	5	265	Ewi	472	40	Dec. 1961	Sub, E 1/2	S	Perforated from 225 to 265 ft. Temp. 79°F. <u>g</u>

See footnotes at end of table.

GUADALUPE COUNTY

Table I. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* KK-67-25-905	Jesse Dietz, Jr.	Charles L. Behrens Drilling Co.	1963	395	7	384	Ewi	480	61	1963	T, E 20	S, Irr	Perforated from 328 to 337 ft, 340 to 348 ft, and 358 to 384 ft. Pump set at 300 ft. Development test: Drawdown of 3 ft while pumping 700 gpm for 3 hours in 1963. <u>Y</u> <u>Y</u>
* 908	Sam B. Butler	Henry Herbold	1949	105	6	--	Ewi	477	--	--	J, E 3/4	D, S	<u>Y</u>
* 26-103	F. A. Pfullmann	--	--	50	40	--	Ewf	456	21.2	Feb. 5, 1964	C, W	S	Do.
* 104	Gene Tausch	--	--	110	8	--	Ewi	535	44	1964	C, W	D, S	Do.
* 302	Mrs. Pat Baker	--	--	130	6	--	Ewi	554	100	1936	N	N	Abandoned. <u>Y</u>
* 307	H. H. Weinert Estate	R. W. Reite	1944	360	6	--	Ewi	490	--	--	C, G 3	D	Slotted from 340 to 360 ft. <u>Y</u>
w 402	Mrs. M. Bahring	--	--	90	30	--	Ewi	513	79.1 84	Sept. 23, 1936 1963	C, W	D, S	Dug well, curbed with brick. <u>Y</u>
* 403	Eugene Pfullmann	--	--	100	6	100	Ewf	511	45	1964	J, E 1	D, S	<u>Y</u>
* 505	R. D. Hoover	Schubert Water Well Drilling	1962	370	4	370	Ewi	505	95.02 102.60	Feb. 6, 1964 Apr. 13, 1971	Sub, E 1	D, S	Slotted from 265 to 270 ft and 330 to 335 ft. Temp. 78°F. Observation well. <u>Y</u> <u>Y</u> <u>Y</u>
* 506	Homer Deumar	John Perryman	1956	254	4	254	Ewi	450	80	July 1964	Sub, E	D, S	<u>Y</u>
w 507	Denman Estate	--	--	100	4	--	Ewf	450	--	--	C, W	S	Do.
* 802	W. M. Weiss	D. Perryman	1949	120	4	--	Ewf	428	40	1964	T, E	D, S	Do.
* 803	Eugene Soefje	--	1958	111	5	111	Ewi	465	35	1958	J, E 1	D, S	Perforated from 45 to 56 ft and 75 to 95 ft. Development test yielded 55 gpm.
* 805	Ed Grimm	Schubert Water Well Drilling	1963	119	--	--	Ewi	474	57	1964	T, E	D, S	<u>Y</u> <u>Y</u>
* 901	Edgar Jahns	--	1902	120	6	--	Ewf	453	92	1936	C, W	S	Well 139 in Texas Board of Water Engineers miscellaneous report 103. <u>Y</u>
* 903	Gustav Reicker	--	1896	52	60	--	Ewi	450	34.9 35.4	Apr. 1, 1936 Jan. 27, 1964	J, E 1/3	D, S	Well 123 in Texas Board of Water Engineers miscellaneous report 103. <u>Y</u>
905	Theo Buerger	-- McPetere	1956	693	16 12	106 850	Ewi	395	17.3	Apr. 28, 1964	N	N	Reported yield of 1,000 gpm. <u>Y</u> <u>Y</u>
907	Eam Day	Charles L. Behrens Drilling Co.	1967	360	6	351	Ewi	455	61	July 1967	Sub, E 15	S, Irr	Slotted from 250 to 280 ft and 321 to 351 ft. Gravel packed. Pump set at 193 ft. Development test: Drawdown of 119 ft while pumping 237 gpm for 3 hours in July 1967. <u>Y</u>
* 27-101	H. H. Weinert, Inc. Rand Miller Lease	--	--	210	6	--	Ewi	472	--	--	--	--	<u>Y</u>
* 201	Mrs. E. F. Wood	--	1916	171	6	--	Ewi	470	80 86.47	1936 Mar. 1, 1972	C, E	D, S	Observation well. <u>Y</u> <u>Y</u>
* 401	New Birth Baptist Church	--	1961	27	30	--	Ec	410	--	--	N	D	Dug well. <u>Y</u>
* 33-201	P. F. Cornelius, Jr.	Roland K. Blumberg	1962	278	--	240	Ewi	560	--	--	T, E	D, S	<u>Y</u>

See footnotes at end of table.

GUADALUPE COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* KX-67-33-203	Ernest Hartman	--	1934	75	6	--	Ewf	566	65 55.08	Oct. 1, 1936 Feb. 11, 1966	N	N	Well 371 in Texas Board of Water Engineers miscellaneous report 103. Historical observation well. <i>y</i>
* 205	Mrs. Emma Dibrell	Eino Dibrell	--	165	5	--	Ewf	574	--	--	C, W	S	Well 329 in Texas Board of Water Engineers miscellaneous report 103. <i>y</i>
* 206	Ed Eckols, Sr.	Ed Eckols, Jr.	1932	31	6	--	Ewf	552	27.5 30.7	Oct. 1, 1936 Dec. 5, 1963	N	N	Well 372 in Texas Board of Water Engineers miscellaneous report 103. Dug well. Historical observation well. <i>y y</i>
* 209	Ed Eckols, Jr.	Schubert Water Well Drilling	1959	401	4 3	310 401	Ewf	572	147.65	Feb. 19, 1964	Sub, E	D, S	<i>y y</i>
* 307	Walter Koepf	John Perryman	1955	438	4	366	Ewf	625	157.25	Mar. 5, 1964	C, E	S	Open hole from 366 to 438 ft. <i>y y</i>
* 308	Layne-Western Co. (A. T. & T.)	Layne-Texas Co.	1964	653	6 3	550 --	Ewf	572	--	--	Sub, E	D	Screened from 581 to 596 ft. and 601 to 616 ft. Cemented from 550 ft. to surface. Gravel packed from 506 to 615 ft. <i>y y</i>
* 401	Hiram Jackson	--	--	81	48	--	Ewf	561	69.0 64.66	Feb. 17, 1936 Mar. 3, 1972	C, W	S	Well 380 in Texas Board of Water Engineers miscellaneous report 103. Dug well. Observation well. <i>y y</i>
407	Elwood Mays	Roland K. Blumberg	1962	460	7	--	Ewf	575	74.85 150.62	Feb. 5, 1964 Mar. 3, 1972	Sub, E	S	Observation well. <i>y y</i>
* 501	H. H. Weinert	do	1957	900	2	826	Ewf	745	93.58	May 26, 1959	A, G	S	Perforated from 701 to 806 ft. <i>y</i>
* 503	Elwood Mays	Roland Herbold Water Well Pump and Service	1960	247	5	247	Ewf	592	145	Nov. 21, 1963	Sub, E 1	D, S	Perforated from 60 to 247 ft. <i>y</i>
507	John Gaston	Watkins Brothers Drilling Co.	1967	336	10	336	Ewf	615	--	--	Sub, E	S, Irr	Slotted from 100 to 336 ft. <i>y</i>
701	Roland K. Blumberg	Pegg Brothers	1956	800	8	800	Ewf	645	216.20	May 26, 1959	T, C	Irr	Perforated from 300 to 800 ft. Gravel packed. <i>y</i>
* 803	J. O. Starcke	A. White	--	140	4	140	Ec	571	125	Aug. 1964	C, E	D	<i>y</i>
* 902	H. H. Weinert Estate	--	--	40	40	--	Er	558	23.25	June 4, 1964	C, W	S	Dug well. <i>y</i>
* 904	do	--	--	--	4	--	Er	556	125.68	do.	C, W	S	<i>y</i>
* 34-301	Wells Ranch	A. R. Thierry	1957	250	4	250	Ec	410	74.91 99.01	May 21, 1959 Jan. 20, 1965	C, W	S	Perforated from 200 to 250 ft. Historical observation well. <i>y</i>
* 302	do	do	1957	250	4	250	Ec	495	58.07 60.71	May 21, 1959 Mar. 1, 1972	C, W	S	Perforated from 200 to 250 ft. Observation well. <i>y y</i>
* 402	A. W. Batey	Moy's Water Well Drilling	1956	330	4	330	Ec	620	103.5 184.17	Aug. 20, 1964 Mar. 1, 1972	C, E 1	S	Observation well. <i>y y</i>
* 701	H. H. Weinert Estate	--	--	100	--	--	Er	590	85.12	June 4, 1964	C, W	S	<i>y</i>
* 704	A. G. Lokey	A. R. Thierry	1945	123	4	123	Ec	490	35 41.08	1964 Mar. 1, 1972	J, E 1/2	D, S	Slotted. Observation well. <i>y y</i>
* 68-32-201	Wilburn Koehler	--	1955	45	36	45	Qt	556	25	July 30, 1957	T, E 1, 5	D, S Irr	Dug well, cased with concrete rings. Reported yield of 100 gpa. Temp. 70°F. <i>y</i>
* 303	Walter Vaughn	--	1956	26	42	--	Qt	530	--	--	CF, G	Irr	Dug well. Reported drawdown of 2 ft while pumping 600 gpa for 300 hours. Temp. 69°F. <i>y</i>
* 304	McQueney Water Works	--	1953	25	36	25	Qt	535	16	Aug. 1957	T, E 5, 7-1/2	E	Dug well. Reported yield of 500 gpa. Temp. 71°F. <i>y</i>

See footnotes at end of table.

GUADALUPE COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASTING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* KK-68-32-309	W. M. Harman	--	1949	40	4	40	Qt	545	34.65	June 25, 1964	J, E	D, P	Slotted. <u>4</u>
* 310	E. Wischkaemper	--	--	32	40	12	Qt	534	28.04	Dec. 3, 1957	C, W	D, S	Dug well. Temp. 67°F. <u>4</u>
* 501	Harold Alves	--	1956	35	36	35	Qt	572	25.05	Aug. 13, 1957	J, E	D	Dug well, curbed with concrete rings. <u>4</u>
* 801	P. Moltr	--	1925	135	6	--	Eol	610	90 86.41	Sept. 6, 1936 Mar. 3, 1972	C, W	S	Well 438 in Texas Board of Water Engineers miscellaneous report 103. Observation well. <u>3 4</u>
* 903	Arthur Acker	-- Gorman	1914	95	6	--	Eol	558	80	1936	C, W	N	Well 377 in Texas Board of Water Engineers miscellaneous report 103. Unused. <u>4</u>
* 40-101	H. E. Mulder	Vincent Duran	1925	24	--	--	Eol	575	7.5	June 2, 1936	J, E	D	Dug well. <u>4</u>
* 102	W. E. Tewes	Robert Stein	1906	70	5	--	Eol	560	48.3 35.06	Sept. 2, 1936 Mar. 3, 1972	C, W	D, S	Observation well. <u>3 4</u>
* 105	W. L. Pence	F. Ashley Well Drilling Service	1955	112	6 4	90 112	Eol	585	69	Feb. 1964	C, E 1/2	D, S	Perforated. <u>4</u>
* 303	Paul Waulke	Silas Wright	1932	123	6	--	Eol	570	118 105.96	Oct. 8, 1936 Mar. 27, 1969	C, W	D, S	Well 378 in Texas Board of Water Engineers miscellaneous report 103. Historical observation well. <u>4</u>
* 304	Roland Herbold	Roland Herbold Water Well Pump and Service	1961	220	4	--	Eol	575	120	Feb. 1964	T, E 2	D, S	Development test: Drawdown of 3 ft while pumping 350 gpm for 24 hours. <u>3 4</u>
* 310	Paul Woelke	do	1969	130	4	130	Eol	585	103.62 106.48	Mar. 27, 1970 Mar. 3, 1972	J, E 1	D, S	Slotted from 110 to 130 ft. Temp. 69°F. Observation well. <u>3</u>
* 311	Delay Brewer	Charles L. Behrens Drilling Co.	1967	375	6	365	Eol	525	63.80 132.88	May 25, 1967 May 12, 1970	Sub, E 10	Irr	Shot perforated from 240 to 278 ft and 328 to 365 ft. Gravel packed. Temp. 78°F. <u>1</u>
* 401	Paul Papa	--	1925	64	36	--	Eol	541	54.9 44.77	Sept. 8, 1936 Mar. 3, 1972	C, E	N	Well 432 in Texas Board of Water Engineers miscellaneous report 103. Dug well. Unused domestic and livestock well. Observation well. <u>3 4</u>
* 402	Robert Waltisperger	Silas Wright	1915	115	--	--	Eol	559	78.0	Sept. 2, 1936	C, W	D, S	Well 431 in Texas Board of Water Engineers miscellaneous report 103. <u>4</u>
407	W. E. Walker	Blount Drilling	1963	310	7	--	Eol	493	16.3	Mar. 19, 1964	Sub, E 5	S, Ind Tr	Reported yield of 50 gpm. <u>4</u>
503	Joc E. Rodriguez	do	1966	380	8	380	Eol	524	40	July 1966	Sub, E 20	S, Irr	Slotted from 295 to 380 ft. Gravel packed. Pump set at 270 ft.
* 603	Reno Voight	Charles L. Behrens Drilling Co.	1963	210	4	210	Eol	570	--	--	T, E 1/4	D	<u>3 4</u>
* 604	Oscar Walker	-- Weidner	1963	190	5	--	Eol	535	--	--	Sub, E	D, S	Slotted. <u>4</u>
* 605	Ernst Kleinschmidt	Roland Herbold Water Well Pump and Service	1961	118	4	--	Eol	513	--	--	C, E	D, S	<u>4</u>
* 701	C. J. Cantu	Schubert Water Well Drilling	1962	71	5 4	-- 71	Eol	470	30	Mar. 1962	J, E 1/2	D, S	Temp. 75°F. <u>4</u>
* 703	Ross Scull	Moy's Water Well Drilling	1956	520	12 10	300 520	Eol	500	--	--	T, E 75	S, Irr	Slotted from 440 to 520 ft. Gravel packed. Pump set at 250 ft. Reported yield of 700 gpm. Development test yielded 850 gpm. Temp. 77°F. <u>4</u>
* 709	W. C. Boehlmann	Schubert Water Well Drilling	1962	140	4	--	Eol	537	30	Feb. 1964	J, E	D	<u>4</u>

See footnotes at end of table.

GUADALUPE COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (Ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* KX-68-40-710	Ed Lee	Moy's Water Well Drilling	1959	256	7	186	Ewi	529	40	1959	C, E	D, S	Open hole from 186 to 256 ft. <sup>1/2</sup>
711	Conrad Dugl	do	1967	445	12	445	Ewi	510	105	Aug. 30, 1967	T, G 120	Irr	Slotted from 370 to 445 ft. Cemented from 14 ft to surface. Gravel packed. Pump set at 270 ft. Development test: Drawdown of 152 ft while pumping 1,505 gpm for 26 hours on Aug. 30, 1967. <sup>1/2</sup>
801	D. G. Hale	H. and S. Water Well Service	1962	565	8	565	Ewi	530	115.0	Feb. 17, 1964	T, E 50	S, Irr	Slotted from 505 to 565 ft. <sup>1/2</sup>
* 802	Lovette Wisbert	Blount Drilling	1963	476	8	246	Ewi	520	59.64	Feb. 18, 1963	Sub, E	S, Irr	Open hole from 266 to 476 ft. <sup>1/2</sup>
* 901	D. G. Hale	Schubert Water Well Drilling	1950	175	4	--	Ewi	622	75	Apr. 1962	G, B 3/4	D, S	Temp. 73°F. <sup>1/2</sup>
* 902	do	H. and S. Water Well Service	1961	652	12	276 8	Ewi	600	172.5 171.8	Feb. 17, 1964 Mar. 9, 1964	T	M	Perforated from 496 to 576 ft. Open hole from 576 to 652 ft. Used livestock and irrigation well. Reported yield of 310 gpm. Temp. 78°F. <sup>1/2</sup>
* 903	B. Pernitz	James Murphy	1910	145	6	--	Ewi	560	140	1936	C, W	D, S	Well 426 in Texas Board of Water Engineers miscellaneous report 103. <sup>1/2</sup>
906	Eugene Aurley	Blount Drilling	1967	650	12	650	Ewi	580	150	1970	T, G 125	S, Irr	Perforated. Gravel packed. Pump set at 300 ft. Reported yield of 800 gpm.

\* For chemical analyses of water, see Table 4.

<sup>1/2</sup> Driller's log in files of the Texas Water Development Board.

<sup>2/2</sup> Mechanical logs in files of the Texas Water Development Board.

<sup>3/2</sup> For water-level measurements from observation wells, see Table 3.

<sup>4/2</sup> Well also appears in Texas Water Development Board Report 19, "Ground-Water Resources of Guadalupe County, Texas," 1966.



# GUADALUPE COUNTY

## Table 2.—Selected Oil, Gas, and Stratigraphic Tests

Type Log: D, Drillers'; E, Electric; R, Radioactive; S, Sample.  
Logs in Texas Water Development Board files

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
KX-67-18-507	Ohio Oil Co.	Elizabeth Wilke No. 2	1956	2,166	566	E
802	Harry Henderson	F. Schmidt No. 1	1954	2,237	603	E
803	J. L. Ashen, et al.	— Noack No. 1	1955	2,424	575	E
906	L. W. Powell	C. B. Appling Estate No. 1	1966	2,345	470	E
907	L. O. Tarrant, et al.	J. I. Cash Estate No. 2	1956	2,235	578	E
19-705	Lewis Hart	J. R. Tiller Estate No. 1	1955	2,358	400	E
25-601	C. R. England	R. J. Govett No. 1	1953	2,334	515	E
809	Pryor Dillard	Nolte Estate No. 2	1949	1,943	478	E
906	Hughes and Hebert	Virgil Halm No. 1	1952	2,983	490	E
26-202	Texas Southern Oil Producing Co.	Jesse A. Turner No. 1	1957	5,455	498	E
203	Weigand Brothers	Paul and Emma Baumert No. 1	1944	2,530	546	E
306	Sun Oil Co.	C. Knobloch No. 16	1952	2,697	478	E
308	Gulf Oil Corp.	C. Anderson No. 7	1954	2,735	490	E
310	Humble Oil and Refining Co.	L. G. Denman No. A-42	1952	2,720	500	E
404	Sam Macco Oil Operations	August G. Bode No. 1	1949	2,086	485	E
407	W. B. Head	— Janecka No. 1	1955	2,124	485	E
408	R. L. Turner and James H. Eddy	August G. Bode No. 1	1948	2,394	475	E
409	R. L. Turner	Frank Schmidt No. 1	1952	2,500	495	E
501	E. H. Stickney	Adolph Hoffman No. 1	1956	2,479	418	E
502	Humble Oil and Refining Co.	Dan J. Denman No. 6	1961	2,655	453	E
510	Bert R. Smith and Hugh Nichols	Tom Anderson No. 1	1950	2,313	450	E
511	Mrs. James R. Dougherty	Tom Anderson No. B-1	1964	2,681	525	E
601	The Texas Co.	L. Anderson No. 17	1957	2,703	483	E
602	Humble Oil and Refining Co.	Sue E. Denman No. 1 SWD	1948	2,706	450	E
606	do.	Mrs. A. E. Dowdy No. 4	1939	2,537	440	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Guadalupe County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
KX-67-26-607	Humble Oil and Refining Co.	D. D. Baker No. 1 SWD	1947	3,151	450	E
701	Bradco Oil and Gas Co.	A. Zaboroski No. 1	1955	2,468	470	E
801	Travis Drillers Inc.	Vivroux Hardware Co., Inc. No. 1	1957	3,555	548	E
806	W. C. Silver	Theodore Jahns No. 1	1967	2,478	435	E
27-102	Magnolia Petroleum Co.	Erwin Forsage No. 2	1952	2,643	466	E
106	The Texas Co.	Pauline Roamel No. 6	1950	2,670	450	E
108	Gulf Oil Corp.	Dix and McKean No. 23	1950	2,630	470	E
109	The Texas Co.	— Knoblock No. A-23	1953	2,608	466	E
202	Hall, et al.	— Manford No. 2	1958	2,355	458	E
203	Allen and Shumate, Inc.	C. D. McEver No. 1	1962	5,013	373	E
402	Riddle Oil Co.	Pegg and Lorentzson No. 1	1967	1,395	403	E
33-106	A. T. Jergins	Ella Harris Greenwood No. 1	1955	1,031	550	E
305	Allen Burr, et al.	W. J. Blanks Estate No. 1	1957	3,225	639	E
309	Leon V. Manry	Effie Williams, et al. No. 1	1945	3,004	588	E
406	Herbert C. Wenske	J. W. Massey No. 1	1955	1,142	592	E
804	Varn Petroleum Co.	Edgar A. Vaughn No. 1	1966	1,672	559	E
34-201	Wellington Oil Co.	Gus B. Mauerman No. 1	1940	3,649	656	E
404	do.	C. M. Wells No. 1	1940	3,789	624	E
702	M. L. Wise, et al.	H. H. Weinert Estate No. 1	1954	4,413	501	E
68-39-601	Utah Oil Corp.	E. J. Zuehl No. 1	1949	1,699	510	E
40-104	Joe Carlson	E. Theiss No. 1	1955	679	570	E
107	Wellington Oil Co.	Albert Koepp No. 1	1937	1,628	570	E
306	Lake Rice Mills, Inc.	Ben Stein No. 1	1953	1,979	567	E
308	do.	Edwin H. Gerdas No. 1	1953	2,006	580	E
409	Bruin Oil Co.	— Rosenbrock No. 1-A	1938	1,886	512	E
505	Diamond Half Oil Corp.	William J. Strey No. 1	1940	800	534	E
506	Maples C. Hughes	— Poenitz No. 3	1954	900	498	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Guadalupe County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
KX-69-39-704	Freeman O. Crenshaw	I. A. Echels No. 1	1950	786	491	E
705	W. O. Fortenberry	Alfred L. Doege No. 1	1955	964	494	E
706	do.	C. E. Scull No. 2	1955	769	455	E
707	do.	Eric Koepp No. 2	1955	1,040	463	E
708	H. H. Weinert	— Mattke No. 1	1949	2,013	510	E
712	W. O. Fortenberry	Elam Scull No. 1	1954	1,434	450	E
713	do.	Eric Koepp No. 1	1935	—	460	E
714	Parks Brothers and R. A. Voight	Ed. Lee No. 1	1955	923	536	E
715	J. H. Burt	— Hartfield No. 1	1944	2,050	483	E
904	C. M. S. Oil Co.	— Feiselman No. 1	1955	1,356	554	E
905	W. M. Hauser, et al.	— Hoerman No. 4	1956	2,010	595	E

# GUADALUPE COUNTY

## Table 3.—Water Levels in Selected Wells

Water-level measurements, in feet, above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well KX-67-18-603</b>		<b>Well KX-67-33-407</b>		<b>Well KX-67-34-704—Continued</b>	
Owner: Lem Allen		Owner: Elwood Mays		Feb. 15, 1967	43.37
May 26, 1970	18.64	Feb. 5, 1964	74.85	Feb. 6, 1968	44.12
Aug. 11, 1970	19.15	Feb. 11, 1966	149.10	Mar. 27, 1969	40.13
Mar. 1, 1972	22.73	Feb. 17, 1967	148.77	Dec. 23, 1969	39.75
<b>Well KX-67-26-505</b>		Feb. 6, 1968	148.96	Mar. 31, 1970	39.68
Owner: R. D. Hoover		Mar. 27, 1969	150.53	Mar. 1, 1972	41.08
Feb. 6, 1964	95.02	Dec. 31, 1969	151.51	<b>Well KX-68-32-801</b>	
Aug. 11, 1970	96.53	Mar. 31, 1970	150.10	Owner: P. Moltz	
Apr. 13, 1971	102.40	Apr. 13, 1971	151.87	Sept. 6, 1936	90
<b>Well KX-67-27-201</b>		Mar. 3, 1972	150.62	Nov. 14, 1963	88.33
Owner: Mrs. E. F. Wood		<b>Well KX-67-34-302</b>		Jan. 25, 1965	92.51
1936	80	Owner: Wells Ranch		Feb. 11, 1966	91.28
Jan. 6, 1964	91.13	May 21, 1959	58.07	Feb. 17, 1967	87.01
Jan. 20, 1965	91.39	Jan. 20, 1965	58.92	Feb. 6, 1968	87.48
Feb. 15, 1967	89.14	May 2, 1968	59.24	Mar. 27, 1969	87.41
Feb. 6, 1968	90.04	Apr. 6, 1970	60.23	Dec. 31, 1969	91.37
Mar. 27, 1969	87.02	Apr. 13, 1971	59.40	Mar. 27, 1970	90.12
Dec. 23, 1969	86.38	Mar. 1, 1972	60.71	Apr. 13, 1971	86.70
Mar. 31, 1970	86.33	<b>Well KX-67-34-402</b>		Mar. 3, 1972	86.41
Apr. 13, 1971	86.85	Owner: A. W. Batey		<b>Well KX-68-40-102</b>	
Mar. 1, 1972	86.47	Aug. 20, 1964	103.5	Owner: W. E. Tewes	
<b>Well KX-67-33-401</b>		Jan. 20, 1965	184.12	Sept. 2, 1936	48.3
Owner: Hiram Jackson		Feb. 11, 1966	185.48	Nov. 14, 1963	45.7
Feb. 17, 1936	69.0	Feb. 15, 1967	185.45	Jan. 25, 1965	43.43
Nov. 12, 1963	67.0	Feb. 6, 1968	185.66	Feb. 11, 1966	49.45
Jan. 25, 1965	65.23	Mar. 27, 1969	184.70	Feb. 17, 1967	39.31
Feb. 11, 1966	65.04	Dec. 23, 1969	184.13	Feb. 6, 1968	39.40
Feb. 17, 1967	65.12	Mar. 31, 1970	185.80	Mar. 27, 1969	42.00
Feb. 6, 1968	65.36	Mar. 1, 1972	184.17	Dec. 31, 1969	35.55
Mar. 27, 1969	65.45	<b>Well KX-67-34-704</b>		Mar. 27, 1970	36.71
Dec. 31, 1969	64.31	Owner: A. G. Lakey		Apr. 13, 1971	37.62
Mar. 31, 1970	64.00	1964	35	Mar. 3, 1972	35.06
Apr. 13, 1971	63.89	Jan. 20, 1965	40.32		
Mar. 3, 1972	64.66	Feb. 11, 1966	41.10		

**Table 3.—Water Levels in Selected Wells in Guadalupe County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well KX-68-40-310</b>		<b>Well KX-68-40-401—Continued</b>	
Owner: Paul Woelke		Feb. 11, 1966	47.72
Mar. 27, 1970	103.62	Feb. 17, 1967	48.48
Apr. 13, 1971	103.43	Feb. 6, 1968	48.78
Mar. 3, 1972	106.48	Mar. 27, 1969	46.17
<b>Well KX-68-40-401</b>		Dec. 31, 1969	46.05
Owner: Paul Pape		Mar. 27, 1970	45.48
Sept. 8, 1936	54.9	Apr. 13, 1971	48.20
Nov. 14, 1963	47.65	Mar. 3, 1972	44.77
Jan. 25, 1965	48.18		

GUADALUPE COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)  
 Water-bearing unit: Ka, Edwards and associated limestones; Ew1, Wilcox Group; Ec, Carrizo Sand; Er, Reklaw Formation; Eqc, Queen City Sand; Es, Weches Formation; Eb, Bigford Formation; Eep, El Pico Clay; Es, Sparta Sand; E1, Laredo Formation; Ecm, Cook Mountain Formation; Ey, Yegua Formation; Ej, Jackson Group; Mc, Catahoula Tuff; Mo, Oakville Sandstone; M1, Legarto Clay; Qc, terrace gravel; Qal, alluvium.  
 Dissolved solids : The bicarbonate "reported" is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.  
 Analyses by Texas State Department of Health unless indicated by footnote.

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLOUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
2/ KX-67-09-502	--	15	Nov. 20, 1957	--	--	--	--	--	--	313	--	179	--	--	--	--	408	1,590	7.6	--	--	--
2/ 601	--	--	do	--	--	--	--	--	--	144	--	440	--	--	--	--	1,160	3,590	7.6	--	--	--
2/ 10-404	Qal	25	do	10	--	120	7.3	* 99	--	218	106	142	--	68	--	659	330	1,110	7.7	39.5	2.37	0.00
2/ 17-301	Qt	11	do	--	--	--	--	--	--	288	--	1,640	--	--	--	--	2,020	7,250	7.9	--	--	--
2/ 401	Qal	35	Dec. 4, 1957	--	--	--	--	--	--	495	--	348	--	--	--	--	570	2,410	7.2	--	--	--
2/ 409	Qt	35	do	--	--	--	--	--	--	296	--	38	--	--	--	--	259	643	7.3	--	--	--
2/ 413	Qt	18	May 5, 1964	19	--	109	5.8	* 45	--	292	24	64	0.4	48	0.17	458	296	768	7.2	24.9	1.14	.00
2/ 702	Qt	27	June 1, 1936	--	--	125	11	* 8	--	366	--	54	--	--	--	377	358	--	--	4.7	.19	.00
2/ 702	Qt	27	Nov. 20, 1957	22	--	190	6.1	* 38	--	364	21	52	--	48	--	495	350	817	7.9	19.1	.88	.00
2/ 708	Qt	28	do	--	--	--	--	--	--	280	--	47	--	--	--	--	279	716	7.4	--	--	--
2/ 712	Qt	42	Dec. 3, 1957	--	--	--	--	--	--	241	--	830	--	--	--	--	885	3,400	7.4	--	--	--
2/ 715	Qt	34	May 4, 1964	23	--	272	16	* 150	--	272	80	380	.4	280	--	1,334	744	2,160	7.0	30.5	2.39	.00
2/ 804	Qt	33	Nov. 20, 1957	23	--	91	5.5	* 58	--	289	27	51	--	49	--	446	250	731	7.8	33.6	1.60	.00
2/ 805	Qt	40	do	--	--	--	--	--	--	416	--	720	--	--	--	--	1,040	3,530	7.7	--	--	--
2/ 18-102	Qal	50	do	--	--	--	--	--	--	220	--	380	--	--	--	--	1,280	3,690	7.9	--	--	--
2/ 403	--	174	Aug. 1957	--	--	--	--	--	--	404	--	370	--	--	--	--	1,960	5,020	7.0	--	--	--
2/ 403	--	174	Nov. 20, 1957	--	--	--	--	--	--	454	--	390	--	--	--	--	1,900	5,040	7.7	--	--	--
2/ 503	Ew1	140	Feb. 20, 1964	36	3.8	87	10	* 55	--	337	27	51	.4	.0	--	431	258	688	7.4	31.7	1.49	.37
2/ 506	Ew1	160	Mar. 3, 1964	12	--	78	38	* 623	--	265	355	790	--	6.0	--	2,032	351	3,450	7.9	79.4	14.46	.00
2/ 601	Ew1	80	Sept. 21, 1936	--	--	--	--	--	--	61	409	1,580	--	--	--	3,070	--	--	--	--	--	--
2/ 603	Ew1	180	Feb. 6, 1964	34	6.9	80	24	* 108	--	448	84	55	.3	.2	--	605	298	961	7.7	44.1	2.72	1.39
2/ 801	Ew1	156	Apr. 13, 1962	36	1.1	87	14	60	4.3	333	48	64	.2	.0	.42	476	274	772	6.9	31.8	1.58	.00
2/ 804	Ew1	240	Jan. 27, 1964	18	3.4	32	12	* 131	--	380	23	54	.3	1.5	--	458	130	766	7.7	68.8	5.01	3.64
2/ 805	Ew1	310	Feb. 20, 1964	31	3.8	134	18	* 50	--	300	66	144	.1	.0	--	590	408	1,020	7.5	21.1	1.08	.00
2/ 903	Ew1	165	Sept. 21, 1936	--	--	16	12	* 61	--	171	36	44	--	--	--	233	87	--	--	59.7	2.80	1.01
2/ 19-404	Ew1	180	Sept. 26, 1936	--	--	--	--	--	--	311	52	980	--	--	--	1,861	--	--	--	--	--	--
2/ 404	Ew1	180	Mar. 3, 1964	12	--	48	41	* 678	--	402	62	970	--	.5	--	2,008	288	3,680	7.4	83.6	17.36	.82
2/ 702	Ew1	103	Sept. 16, 1936	--	--	--	--	--	--	305	44	90	--	--	--	453	--	--	--	--	--	--
2/ 703	Ew1	43	Feb. 6, 1964	28	3.5	37	13	* 53	--	58	33	98	.2	50	--	340	146	573	6.8	44.2	1.91	.00
2/ 704	Ew1	450	Jan. 27, 1964	19	--	42	17	* 448	--	480	27	515	.4	.8	--	1,304	175	2,340	7.8	84.8	14.73	4.37
2/ 706	Ew1	357	May 26, 1970	36	--	138	36	114	4	214	113	309	.4	< .4	--	855	492	1,440	7.7	33.2	2.23	.00
2/ 25-204	Qt	16	Nov. 20, 1957	--	--	--	--	--	--	334	--	158	--	--	--	--	460	1,400	7.5	--	--	--
2/ 403	Ew1	60	Apr. 26, 1962	46	5.2	186	32	* 85	--	198	552	30	.5	.2	--	1,028	596	1,310	6.3	23.7	1.52	.00
2/ 502	Ew1	200	Apr. 26, 1962	17	.59	73	31	* 406	--	392	334	362	.2	17	--	1,432	310	2,350	7.3	74.0	10.04	.24

See footnotes at end of table.

GUADALUPE COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLOURIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	FERRIC SODIUM	SAR	RSC	
2/ KX-67-25-507	Ewt	140	Jan. 28, 1964	17	--	230	11	* 85	--	332	51	270	0.1	120	--	898	619	1,650	7.4	23.0	1.49	0.00	
2/ 603	Ewt	178	Feb. 6, 1964	17	0.01	180	80	257	--	372	256	530	--	22	--	1,524	776	2,520	7.6	41.8	4.01	.00	
2/ 701	Ewt	290	Apr. 26, 1962	18	4.0	51	25	* 290	--	432	276	155	.2	.0	--	1,027	230	1,620	7.4	73.3	8.32	2.48	
2/ 704	Ewt	75	Oct. 9, 1936	--	--	--	--	--	--	201	38	72	--	--	--	337	--	--	--	--	--	--	
2/ 704	Ewt	75	Jan. 29, 1964	49	2.0	56	19	68	--	188	51	112	.4	.0	--	447	218	752	6.8	40.5	2.01	.00	
2/ 707	Ewt	--	May 12, 1970	37	--	182	49	137	4	278	294	294	.6	< .4	--	1,134	660	1,700	7.7	31.0	2.32	.00	
4/ 804	Ewt	185	Jan. 28, 1964	47	3.9	149	24	* 80	--	312	134	175	.5	1.2	--	763	470	1,230	7.3	27.0	1.60	.00	
4/ 806	Ewt	100	Oct. 9, 1936	--	--	138	53	* 223	--	354	295	320	--	--	--	1,202	562	--	--	46.3	4.09	.00	
4/ 807	Ewt	253	Jan. 28, 1964	28	--	83	20	* 132	--	334	138	112	.4	.0	0.17	677	290	1,100	7.6	49.8	3.38	.00	
2/ 901	Ewt	229	May 4, 1962	24	1.5	99	4.7	* 32	--	281	14	24	.4	70	--	405	266	667	6.6	20.7	.85	.00	
2/ 902	Ewt	120	do	46	15	475	69	* 217	--	270	912	545	.3	1.0	--	2,397	1,470	3,340	6.3	24.3	2.46	.00	
2/ 903	Ewt	265	do	24	.28	46	24	* 108	--	352	59	69	.2	1.0	--	503	214	842	7.0	52.4	3.22	1.50	
2/ 905	Ewt	395	July 21, 1964	21	.31	19	19	148	4.2	370	60	60	.2	.2	.24	513	126	845	8.2	71.1	5.75	3.56	
2/ 908	Ewt	105	Jan. 28, 1964	27	3.4	160	39	* 88	--	476	216	130	.7	.0	--	864	560	1,370	7.2	25.5	1.62	.00	
2/ 28-103	Ewt	90	Feb. 5, 1964	45	--	988	203	* 282	--	248	984	1,320	--	1,020	--	4,964	3,300	6,690	7.8	15.7	2.14	.00	
2/ 104	Ewt	110	Mar. 3, 1964	52	--	78	14	* 60	--	270	101	39	.5	.2	--	476	252	721	7.9	36.1	1.64	.00	
2/ 302	Ewt	130	Sept. 21, 1936	--	--	53	25	* 74	--	92	40	198	--	--	--	435	235	--	--	40.7	2.10	.00	
2/ 307	Ewt	360	Feb. 6, 1964	15	2.2	29	22	* 212	--	412	87	138	.4	.2	--	706	163	1,180	8.3	73.9	7.22	3.50	
2/ 402	Ewt	90	Sept. 23, 1936	--	--	173	17	* 128	--	317	181	234	--	--	--	888	500	--	--	35.7	2.49	.00	
2/ 403	Ewt	100	Feb. 5, 1964	51	1.1	210	31	* 326	--	432	42	345	.7	.50	--	1,067	652	1,840	7.5	29.6	2.15	.00	
2/ 505	Ewt	370	Feb. 6, 1964	19	5.4	53	47	* 199	--	380	218	155	.3	.0	--	877	326	1,420	8.0	57.1	4.80	.00	
2/ 505	Ewt	370	Aug. 11, 1970	46	--	98	18	73	5	233	179	81	.6	< .4	--	615	320	901	6.8	32.6	1.77	.00	
2/ 506	Ewt	254	July 22, 1964	38	--	132	27	* 131	--	334	137	216	.7	2.8	--	847	440	1,430	7.4	39.3	2.72	.00	
2/ 507	Ewt	100	do	46	27	149	41	* 122	--	258	223	254	1.2	1.5	--	963	540	1,570	6.6	32.9	2.28	.00	
2/ 802	Ewt	120	Jan. 28, 1964	25	--	102	33	* 132	--	330	192	145	.3	.0	--	791	390	1,280	7.6	42.4	2.91	.00	
2/ 803	Ewt	111	Jan. 27, 1964	72	--	460	59	* 504	--	348	444	1,220	--	22	--	2,952	1,390	4,740	7.0	44.1	5.88	.00	
2/ 805	Ewt	119	Jan. 28, 1964	51	--	56	13	* 175	--	198	114	205	.5	3.9	--	715	193	1,200	6.8	66.3	5.48	.00	
2/ 901	Ewt	120	Mar. 18, 1936	--	--	198	65	* 253	--	61	317	660	--	--	--	1,523	760	--	--	42.0	3.99	.00	
2/ 903	Ewt	52	Apr. 1, 1936	--	--	238	17	* 219	--	61	103	700	--	--	--	1,307	666	--	--	41.8	3.70	.00	
2/ 903	Ewt	52	Jan. 27, 1964	25	--	82	4.7	* 118	--	348	86	47	.6	46	--	579	224	907	7.5	53.4	3.43	1.23	
2/ 27-101	Ewt	210	Mar. 25, 1940	--	--	48	16	* 70	--	240	40	85	.8	--	--	377	186	--	--	7.9	45.1	2.24	.22
2/ 201	Ewt	171	Apr. 17, 1936	--	--	--	--	--	--	55	25	26	--	--	--	121	--	--	--	--	--	--	
2/ 401	Ec	27	Aug. 20, 1964	25	.03	69	6.3	* 15	--	248	14	8.8	.2	--	--	260	198	424	6.5	14.1	.46	.11	
2/ 33-201	Ewt	278	Mar. 5, 1964	40	3.1	148	32	* 81	--	358	149	162	.2	.2	--	788	501	1,280	7.0	26.0	1.57	.00	

See footnotes at end of table.

GUADALUPE COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	PERCENT SOLID LOSS	SAR	RSC	
KX-67-33-203	Ew1	75	Oct. 1, 1936	--	--	7	9	* 32	--	104	14	18	--	--	--	131	56	--	--	56.05	1.88	0.62	
205	Ew1	165	Feb. 12, 1936	--	--	264	117	* 171	--	110	389	235	--	--	--	1,230	1,140	--	--	24.6	2.20	.00	
206	Ew1	31	Oct. 1, 1936	--	--	--	--	--	--	220	28	45	--	--	--	290	--	--	--	--	--	--	
2/ 209	Ew1	401	Feb. 19, 1964	35	2.3	108	23	* 74	--	286	114	121	0.6	0.0	--	615	364	984	7.4	30.7	1.69	.00	
2/ 307	Ew1	438	Mar. 5, 1964	43	33	43	17	* 46	--	132	53	79	.7	.2	--	346	178	566	6.7	36.0	1.50	.00	
3/ 308	Ew1	653	May 20, 1964	18	< .05	78	24	* 60	--	307	97	51	--	--	--	478	295	810	7.9	30.8	1.52	.00	
3/ 308	Ew1	653	June 1, 1964	18	1.04	83	24	* 72	--	303	104	76	--	--	--	525	308	885	7.95	33.9	1.79	.00	
401	Ew1	81	Feb. 17, 1936	--	--	541	147	* 378	--	159	747	1,330	--	--	--	3,221	1,960	--	--	29.6	3.72	.00	
2/ 501	Ew1	900	May 26, 1959	24	--	84	26	* 86	8.0	277	122	109	.4	.2	--	595	316	988	7.9	36.4	2.10	.00	
503	Ew1	247	Feb. 5, 1964	33	33	118	26	* 92	--	224	88	230	.5	1.0	--	698	402	1,250	6.8	33.25	2.00	.00	
803	Ec	140	Aug. 20, 1964	10	12	5	2.3	* 15	--	20	17	14	.0	.8	--	74	22	123	5.8	59.6	1.39	.00	
902	Er	40	June 4, 1964	31	1.8	22	7.6	* 40	--	120	29	21	.2	17	--	226	86	382	6.8	50.3	1.88	.25	
904	Er	--	do	46	13	14	4.6	* 36	--	4	50	54	.3	.0	--	207	54	319	5.5	59.2	2.14	.00	
34-301	Ec	250	Aug. 19, 1964	17	9.0	2.8	2.7	* 13	--	20	8.2	14	.0	.8	--	68	18	104	5.6	61.3	1.34	.00	
302	Ec	250	Aug. 19, 1964	20	5.0	2.8	2.4	* 8.6	3.0	9	12	13	.0	.5	--	67	17	94	5.6	46.8	.90	.00	
402	Ec	330	Aug. 20, 1964	15	11	30	3.9	* 13	--	100	9.2	19	.0	.8	--	140	91	236	6.4	23.8	.60	.00	
701	Er	100	June 4, 1964	29	11	97	26	* 106	--	192	259	107	.2	.5	--	719	349	1,100	7.4	39.8	2.47	.00	
704	Ec	123	Aug. 20, 1964	34	14	55	19	* 140	--	0	34	410	.0	.2	--	692	215	1,520	3.3	58.6	4.15	.00	
704	Ec	123	Dec. 23, 1969	29	--	32	13	103	13	0	73	221	.1	< .4	--	484	133	955	3.7	60.1	3.90	.00	
2/ 68-32-201	Qt	45	Nov. 21, 1957	20	--	94	23	* 54	--	321	42	65	--	60	--	515	329	830	8.1	26.3	1.30	.00	
2/ 303	Qt	26	Dec. 4, 1957	28	--	120	34	27	--	407	97	43	--	3.0	--	551	440	900	7.4	11.8	.56	.00	
2/ 304	Qt	25	Mar. 26, 1962	17	.00	74	39	36	1.7	398	43	24	.4	29	0.12	459	345	771	7.1	18.4	.85	.00	
2/ 309	Qt	40	June 29, 1964	32	.20	83	28	21	.9	384	7.8	33	.5	1.8	.10	396	322	671	7.2	12.3	.51	.00	
2/ 310	Qc	32	Dec. 3, 1957	--	--	--	--	--	--	264	--	165	--	--	--	--	380	1,260	7.8	--	--	--	
2/ 501	Qt	35	Aug. 15, 1957	--	--	--	--	--	--	413	--	48	--	--	--	--	348	889	7.6	--	--	--	
801	Ew1	135	Sept. 8, 1936	--	--	291	84	* 247	--	464	584	440	--	--	--	1,873	1,070	--	--	33.4	3.28	.00	
903	Ew1	95	Aug. 9, 1936	--	--	166	65	* 236	--	305	429	355	--	--	--	1,400	685	--	--	43.0	3.94	.00	
40-101	Ew1	24	June 2, 1936	--	--	--	--	--	--	244	14	40	--	--	--	283	--	--	--	--	--	--	
102	Ew1	70	Sept. 2, 1936	--	--	76	32	* 185	--	476	131	138	--	--	--	795	320	--	--	55.6	4.49	1.39	
2/ 105	Ew1	112	Feb. 4, 1964	35	19	130	29	* 109	--	504	60	145	.3	.0	--	755	444	1,270	7.5	34.8	2.25	.00	
303	Ew1	123	Aug. 8, 1936	--	--	307	137	* 365	--	12	986	770	--	--	--	2,571	1,330	--	--	--	37.4	4.36	.00
2/ 304	Ew1	220	Feb. 17, 1964	53	5.1	33	7.2	* 52	--	96	93	33	1.2	.0	--	318	112	441	6.5	50.2	2.14	.00	
310	Ew1	130	Mar. 27, 1970	21	--	236	97	334	6	246	640	630	1.8	> .4	--	2,085	990	2,990	6.8	42.1	4.62	.00	
311	Ew1	375	May 12, 1970	35	--	156	39	211	6	342	354	250	.5	> .4	--	1,219	550	1,770	7.3	45.1	3.91	.00	

See footnotes at end of table.



GUADALUPE COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

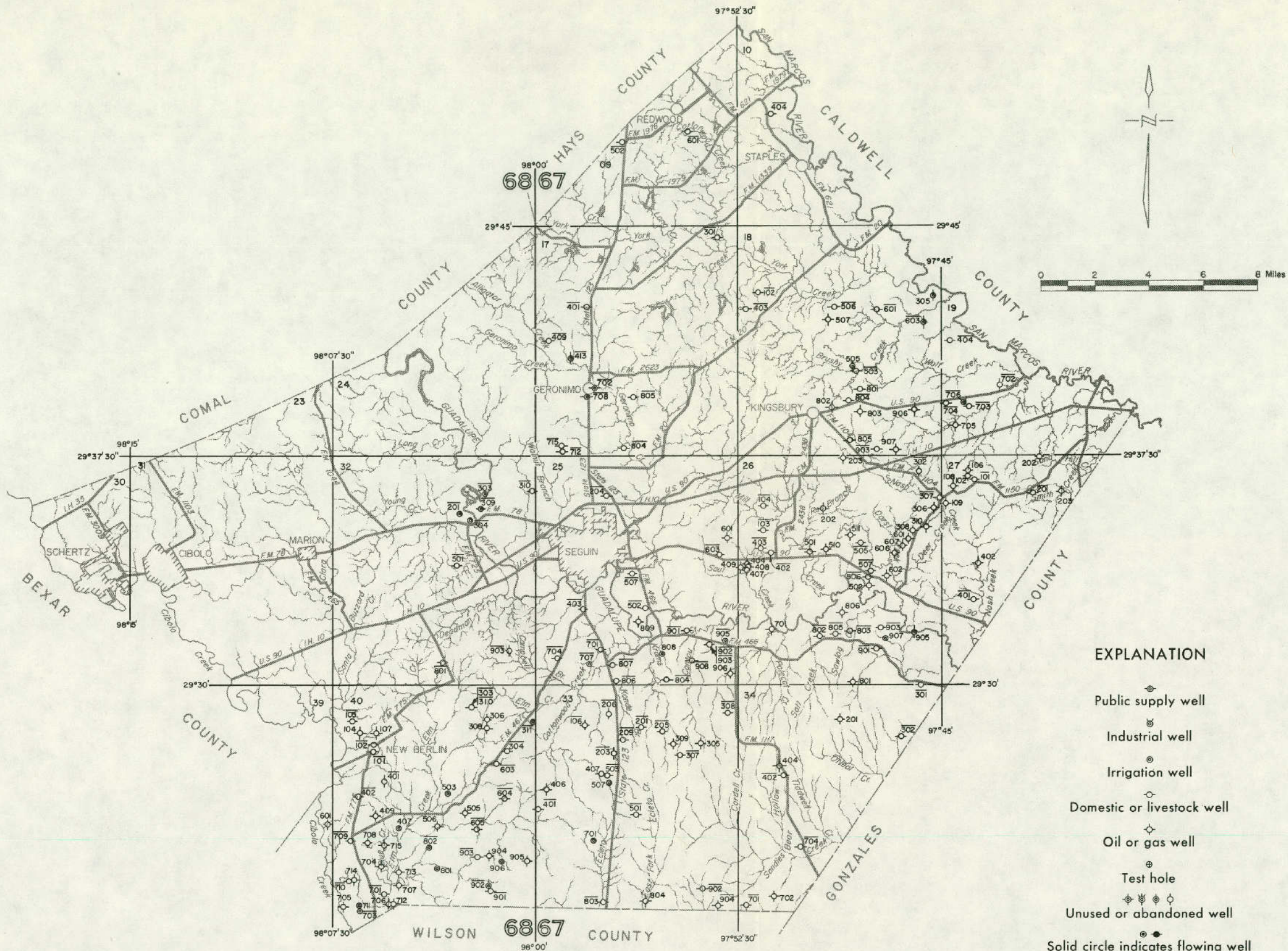
WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
KX-68-40-401	Ewf	64	Sept. 8, 1936	--	--	--	--	--	--	207	40	108	--	--	--	395	--	--	--	--	--	--
402	Ewf	115	Sept. 2, 1936	--	--	--	--	--	--	256	97	305	--	--	--	825	--	--	--	--	--	--
2/ 603	Ewf	210	Jan. 29, 1964	42	1.0	53	7.8	* 44	--	204	40	35	.6	.0	--	322	164	508	7.5	36.8	1.49	.07
2/ 604	Ewf	190	Feb. 5, 1964	41	6.9	107	19	* 75	--	340	73	109	.3	.0	--	591	345	960	7.6	32.1	1.76	.00
2/ 605	Ewf	118	Feb. 18, 1964	49	37	145	55	* 239	--	128	132	612	.4	1.2	--	1,297	588	2,250	6.4	46.9	4.29	.00
2/ 701	Ewf	71	May 4, 1962	35	1.1	455	114	* 243	--	382	828	635	.8	73	--	2,570	1,600	3,710	6.5	24.8	2.64	.00
2/ 703	Ewf	520	June 3, 1964	29	1.2	152	22	58	5.0	416	75	123	.2	2.0	0.17	672	470	1,140	7.0	20.9	1.16	.00
2/ 709	Ewf	140	Feb. 4, 1964	22	21	455	84	* 165	--	264	744	600	--	1.0	--	2,200	1,480	3,190	7.0	19.5	1.87	.00
2/ 710	Ewf	256	do	31	13	111	20	* 51	--	416	69	40	.3	.0	--	526	360	844	7.5	23.6	1.17	.00
710	Ewf	256	May 23, 1969	34	--	119	15	61	5	394	71	75	.3	.4	--	573	361	911	7.4	26.5	1.39	.00
2/ 802	Ewf	476	Feb. 19, 1964	17	1.8	90	54	652	8.6	342	400	840	--	.0	2.5	2,229	446	3,660	7.7	75.6	13.42	.00
2/ 901	Ewf	175	Apr. 24, 1962	36	--	47	15	* 94	--	116	72	136	.2	25	--	482	179	831	6.5	53.3	3.06	.00
2/ 902	Ewf	652	Mar. 25, 1964	36	11	140	27	57	6.1	352	114	133	.3	.0	.13	690	460	1,140	7.0	20.8	1.16	.00
903	Ewf	145	Sept. 8, 1936	--	--	67	37	* 62	--	268	111	118	--	--	--	546	368	--	--	26.8	1.41	.00

\* Sodium and potassium calculated as sodium (Na).  
 1/ Includes the equivalent of any carbonate (CO<sub>3</sub>) present.

LABORATORY CONDUCTING ANALYSIS:  
 2/ U. S. Geological Survey Laboratory  
 3/ Leyno-Texas Company, Houston, Texas  
 4/ Laboratory unknown







Location of Selected Water, Oil,  
and Gas Wells in Guadalupe County

- EXPLANATION**
- ⊙ Public supply well
  - ⊙ Industrial well
  - ⊙ Irrigation well
  - ⊙ Domestic or livestock well
  - ⊙ Oil or gas well
  - ⊙ Test hole
  - ⊙ Unused or abandoned well
  - Solid circle indicates flowing well
  - Well number indicates chemical analysis given in Table 4





## KARNES COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in remarks column.

Water level : Reported water levels given in feet; measured water levels given to the nearest tenth or hundredth of a foot.  
 Method of lift and type of power : A, airlift; C, cylinder; CF, centrifugal; E, electric; G, gasoline, butane, or Diesel engine; H, hand; J, jet; N, none; Ng, natural gas; T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.  
 Water-bearing unit : Ksa, Edwards and associated limestones; Pwi, Wilcox Group; Ec, Carrizo Sand; Er, Reklaw Formation; Egc, Queen City Sand; Bw, Weches Formation; Eb, Bigford Formation; Eep, El Pico Clay; Es, Sparta Sand; El, Laredo Formation; Ecm, Cook Mountain Formation; Ey, Yegua Formation; Ej, Jackson Group; Mc, Calahoula Tuff; Mo, Oakville Sandstone; Ml, Lagarto Clay; Qt, terrace gravel; Qal, alluvium.

WELL	OWNER	DRILLER	DATE COMPLETED	CASING			WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
				DEPTH OF WELL (ft)	DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* PZ-67-50-801	J. A. Nelson	--	--	180	--	--	Ey	322	48.83 47.47	Nov. 12, 1963 Mar. 20, 1970	C, E	N	Well B-11 in Texas Board of Water Engineers Bulletin 6007. Unused domestic and industrial well. Observation well. <u>3</u>
58-401	Vincent Mzyk	Moy's Water Well Drilling	1956	512	8 7	320 512	Ey	375	75 77.03	1957 Feb. 17, 1967	T, E 30	Irr	Well A-23 in Texas Board of Water Engineers Bulletin 6007. Perforated from 472 to 512 ft. Gravel packed. Reported yield of 450 gpm. Development test yielded 625 gpm. Temp. 82°F. Historical observation well.
59-201	Clayton Finch	Sam Cove	--	226	4	226	Mc	480	199.72 203.54	Jan. 13, 1956 Mar. 11, 1972	N	N	Well S-49 in Texas Board of Water Engineers Bulletin 6007. Observation well. <u>3</u>
402	William H. Lindsey	Slim Thompson Water Well Service	1957	390	8	330	Mc	390	75 88.90	1957 Feb. 7, 1966	T, C	Irr	Well B-61 in Texas Board of Water Engineers Bulletin 6007. Perforated from 270 to 330 ft. Temp. 80°F. Historical observation well.
* 78-07-901	Suaquehanna Western	McKinley Drilling Co.	1966	3,766	8 7	305 3,766	460	460	98	June 21, 1966	T, E 40	Ind	Slotted from 3,622 to 3,766 ft. Cemented from 3,549 ft to surface. Reported yield of 285 gpm. Development test: Drawdown of 152 ft while pumping 753 gpm on June 21, 1966. Temp. 142°F. <u>3</u>
* 08-301	City of Falls City	do	1961	3,564	10 7	403 3,564	Ec	330	--	--	Flows	P	Slotted from 3,494 to 3,564 ft. Cemented from 3,400 ft to surface. Reported flow of 925 gpm in 1969. Temp. 152°F. <u>3</u>
701	Continental Oil Co.	do	1970	3,807	10 7	400 3,794	Ec	401	33 50.3	Dec. 1970 Apr. 28, 1971	Sub, E	Ind	Slotted from 3,672 to 3,794 ft. Open hole from 3,794 to 3,807 ft. Cemented from 3,640 ft to surface. Development test: Drawdown of 200 ft while pumping 876 gpm in Dec. 1970. Temp. 144°F. <u>3</u>
16-301	Howard Stanfield	Arthur Erdman	1922	401	6	400	Mc	496	135.53 114.95	Apr. 17, 1956 Mar. 11, 1972	C, W, E	D, S	Well C-34 in Texas Board of Water Engineers Bulletin 6007. Perforated from 360 to 400 ft. Observation well. <u>3</u>
601	Fred Klingeman	Magnolia Petroleum Co.	1945	8,004	8	8,004	Mc	500	99.2 158.33	Apr. 6, 1956 Apr. 11, 1972	T, C 125	N	Well C-2 in Texas Board of Water Engineers Bulletin 6007. Oil test converted to water well. Perforated from 5,290 to 5,355 ft. Unused irrigation well. Reported yield of 1,000 gpm. Temp. 177°F. Observation well. <u>3</u>
605	El Oso Water Supply Corp.	Layne-Texas Co.	1972	515	16 10	392 515	Mc	464	104	May 22, 1972	N	N	Screened from 400 to 430 ft, 455 to 475 ft, and 485 to 495 ft. Cemented from 390 ft to surface. Gravel packed.
79-01-701	Anton Hons	--	1928	206	5	206	Mc	440	119.2 99.00	Apr. 3, 1956 Mar. 11, 1972	C, W	D, S	Well D-22 in Texas Board of Water Engineers Bulletin 6007. Observation well. <u>3</u>
901	City of Karnes City	Layne-Texas Co.	1950	872	12 6	804 870	Mc	410	265.10 288.25	Jan. 17, 1956 Mar. 11, 1972	T, E 25	P	Well D-49 in Texas Board of Water Engineers Bulletin 6007. Gravel packed from 800 to 870 ft. Temp. 93°F. Observation well. <u>3</u>
02-101	Jessie Mike	--	1894	204	6	--	Mc	270	38.2 29.98	Jan. 13, 1956 Mar. 11, 1972	Sub, E	D, S	Well D-3 in Texas Board of Water Engineers Bulletin 6007. Observation well. <u>3</u>
301	Louis Pawelek	Arthur Erdman	1954	458	4	458	Mc	280	39.3 43.47	June 8, 1956 Mar. 11, 1972	C, W	S	Well E-5 in Texas Board of Water Engineers Bulletin 6007. Perforated from 423 to 458 ft. Observation well. <u>3</u>
801	W. S. Pickett	--	--	140	6	--	Mc	300	99.00 90.10	Nov. 11, 1963 Feb. 17, 1967	C, W	D, S	Well E-53 in Texas Board of Water Engineers Bulletin 6007. Observation well. <u>3</u>

See footnotes at end of table.

## KARNES COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
PZ-79-03-103	Erwin H. Schendel	Slim Thompson Water Well Service	1956	500	8	500	Mo, Mc	360	135 124.88	Feb. 16, 1956	T, C	Irr	Well E-13 in Texas Board of Water Engineers Bulletin 6007. Perforated from 185 to 205 ft, 257 to 275 ft, and 461 to 500 ft. Reported yield of 500 gpm. Development test yielded 735 gpm. Historical observation well.
401	Dick Schendel	do	--	630	8 7	300 630	Mo, Mc	302	75.05 77.56	Mar. 20, 1964 Mar. 18, 1968	T, E	--	Historical observation well.
702	N. R. Douglas	George Guenther	1953	345	8	335	Mo	245	20 24.52	Mar. 11, 1953	T, Ng 25	Irr	Well E-42 in Texas Board of Water Engineers Bulletin 6007. Perforated from 240 to 275 ft. Open hole from 335 to 345 ft. Observation well. <u>y</u>
09-801	R. E. Sueseler	--	1930	318	4	--	Mo	390	146.10 162.68	Jan. 27, 1956 Mar. 11, 1972	C, W	D, S	Well G-26 in Texas Board of Water Engineers Bulletin 6007. Observation well. <u>y</u>
10-402	City of Kennedy	Layne-Texas Co.	1948	431	14 8	375 417	Mo	295	87.03 139.25	Jan. 24, 1956 Apr. 14, 1971	T, E 40	P	Well C-20 in Texas Board of Water Engineers Bulletin 6007. Slotted from 375 to 417 ft. Reported yield of 363 gpm. Temp. 80°F. Observation well. <u>y</u>
601	Tips Ranch	--	--	70	8	--	Mo	257	45.1 39.73	Nov. 2, 1955 Mar. 11, 1972	C, W	D, S	Well H-15 in Texas Board of Water Engineers Bulletin 6007. Observation well. <u>y</u>
11-803	Gus G. Fargmann	George Guenther	1952	249	4	249	M1	200	18.54 25.03	Nov. 8, 1963 Mar. 11, 1972	Sub, E	D, S	Perforated from 215 to 249 ft. Observation well. <u>y</u>
901	Unifed Gas Pipeline Co.	Layne-Texas Co.	1954	669	8 4	412 573	Mo	290	118.0 129.50	Jan. 10, 1956 Apr. 15, 1971	T, E 5	Ind	Well H-31 in Texas Board of Water Engineers Bulletin 6007. Screened from 510 to 535 ft and 530 to 565 ft. Gravel packed. Observation well. <u>y</u>
12-109	H. Schlenstedt	--	1911	107	4	105	M1	310	85.0 78.78	Jan. 11, 1956 Mar. 20, 1970	C, W	D, S	Well E-28 in Texas Board of Water Engineers Bulletin 6007. Observation well. <u>y</u>
18-101	Tom M. Davis	Ralph Letzinger	1956	375	8	375	Mo	518	108.50 107.01	Nov. 7, 1963 Mar. 19, 1964	T, E 75	Irr	Well H-58 in Texas Board of Water Engineers Bulletin 6007. Perforated from 130 to 155 ft, 200 to 210 ft, 270 to 310 ft, and 355 to 370 ft. Reported yield of 500 gpm. Development test: Drawdown of 130 ft while pumping 800 gpm. Temp. 78°F. Historical observation well.
301	George J. Jonackies	H. and S. Drilling Co.	1956	345	10	345	M1	346	68 69.34	Jan. 1957 Mar. 11, 1972	T, E 15	Irr	Well H-68 in Texas Board of Water Engineers Bulletin 6007. Slotted from 80 to 112 ft, 155 to 170 ft, 185 to 210 ft, 300 to 310 ft, and 323 to 336 ft. Development test: Drawdown of 90 ft while pumping 250 gpm. Temp. 77°F. Observation well. <u>y</u>

\* For chemical analyses of water, see Table 4.  
 1/ Drillers' log in files of the Texas Water Development Board.  
 2/ Mechanical logs in files of the Texas Water Development Board.  
 3/ For water-level measurements from observation wells, see Table 3.

# KARNES COUNTY

## Table 2.—Selected Oil, Gas, and Stratigraphic Tests

Type Log: D, Drillers'; E, Electric; R, Radioactive; S, Sample.  
Logs in Texas Water Development Board files

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
PZ-67-50-901	Kirkpatrick-Coates, et al.	B. M. Brockman No. 1	1950	5,820	389	E
902	Producers Corp. of Nevada and Cosden Petroleum Corp.	W. S. Cochran, Jr. No. 1	1954	6,376	370	E
57-302	Dan and Jack Auld	V. Cambers No. 1	1955	6,026	416	E
303	Martin, Shelly, and Thomas	Alex Pawelek No. 1	1952	6,119	396	E
601	Sutton Producing Co.	— Pawelek No. 1	1960	11,014	359	E
58-701	W. Earl Rowe	T. W. Roberts No. 1	1951	5,272	353	E
59-501	Tennessee Production Co.	Paul Seidel No. 1	1952	7,747	463	E
78-08-203	Shell Oil Co.	Ben Korzekwa No. 1	1950	6,430	344	E
601	Seaboard Oil Co.	Nick Gabrysch No. 1	1948	11,180	384	E
602	W. Earl Rowe and Glenn Mortimer	P. J. Manka No. 1	1955	6,600	397	E
901	Seaboard Oil Co.	Tom Kolodziejczyk No. 1	1943	7,455	445	E
16-101	H. R. Smith, et al.	V. M. Butler No. 1	1947	4,012	484	E
501	Southern Minerals Corp.	Alice Ryan No. 1	1960	4,486	448	E
602	Pan American Production Co.	Fritz Fenner No. 1	1949	7,889	448	E
603	Kirkwood Co. and W. G. Darsey, Jr.	V. S. Kowalik No. 1	1949	7,882	457	E
604	Seaboard Oil Co.	Rudolph Best No. 2	1945	7,938	479	E
901	Lone Star Producing Co.	D. E. Moore No. 1	1954	7,974	429	E
79-01-201	Standard Oil Co. of Texas	Lucy Manka Gdn. No. 2, Well No. 1	1960	11,450	352	E
02-201	Federal Royalty Co. and Rio Grande Drilling Co.	Mary Yanta No. 1	1945	7,278	272	E
302	Indiola Oil Co.	Mary Mika No. 1	1943	6,514	335	E
09-101	Luling Oil and Gas Co., Inc.	J. O. Faith No. 1	1943	4,642	410	E
501	Ernest Fletcher	Annie Zamzow No. 1	1952	8,504	390	E
701	John J. Coyle	Ernest Esse No. 1	1954	6,520	482	E
17-201	Blanco Oil Co. and Al Buchanan	Carl O. Carlson No. 1	1943	6,260	435	E
202	Al Buchanan and Slick Oil Co.	Mary K. Wolfe No. 1	1944	6,265	443	E

# KARNES COUNTY

## Table 3.—Water Levels in Selected Wells

Water-level measurements, in feet, above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well PZ-67-50-801</b>		<b>Well PZ-78-16-601</b>		<b>Well PZ-79-02-101</b>	
Owner: J. A. Nelson		Owner: Fred Klingeman		Owner: Jessie Mika	
Nov. 12, 1963	48.83	Apr. 6, 1956	99.2	Jan. 13, 1956	38.2
Mar. 20, 1964	47.43	Nov. 12, 1963	129.60	Mar. 19, 1964	66.18
Feb. 23, 1965	52.98	Mar. 23, 1965	133.90	Feb. 23, 1965	38.30
Feb. 7, 1966	47.45	Feb. 8, 1966	132.82	Feb. 7, 1966	33.65
Feb. 17, 1967	48.42	Feb. 16, 1967	145.25	Feb. 17, 1967	34.63
Mar. 20, 1970	47.47	Mar. 24, 1969	144.90	Mar. 14, 1968	24.85
		Mar. 19, 1970	143.88	Mar. 13, 1969	20.17
		Apr. 8, 1970	145.98	Mar. 19, 1970	15.55
		Apr. 14, 1971	149.60	Apr. 14, 1971	28.70
		Apr. 11, 1972	158.33	Mar. 11, 1972	29.98
<b>Well PZ-67-59-201</b>		<b>Well PZ-79-01-701</b>		<b>Well PZ-79-02-301</b>	
Owner: Clayton Finch		Owner: Anton Hons		Owner: Louis Pawelek	
Jan. 13, 1956	199.72	Apr. 3, 1956	119.2	June 8, 1956	39.3
Nov. 8, 1963	199.11	Mar. 19, 1964	108.55	Mar. 19, 1964	39.29
Mar. 20, 1964	199.42	Feb. 23, 1965	107.38	Feb. 23, 1965	40.32
Feb. 24, 1965	204.40	Feb. 7, 1966	107.80	Feb. 7, 1966	40.87
Feb. 7, 1966	204.60	Feb. 16, 1967	105.65	Feb. 16, 1967	37.45
Feb. 17, 1967	203.73	Mar. 14, 1968	104.65	Mar. 19, 1968	41.30
Mar. 18, 1968	205.07	Mar. 14, 1969	101.69	Mar. 13, 1969	39.42
Mar. 14, 1969	202.58	Mar. 19, 1970	102.06	Mar. 20, 1970	43.37
Mar. 20, 1970	203.59	Apr. 14, 1971	107.02	Apr. 14, 1971	40.58
Apr. 14, 1971	204.15	Mar. 11, 1972	99.00	Mar. 11, 1972	43.47
Mar. 11, 1972	203.54				
<b>Well PZ-78-16-301</b>		<b>Well PZ-79-01-901</b>		<b>Well PZ-79-02-801</b>	
Owner: Howard Stanfield		Owner: City of Karnes City		Owner: W. S. Pickett	
Apr. 17, 1956	135.53	Jan. 17, 1956	265.10	Nov. 11, 1963	99.90
Nov. 12, 1963	124.69	Nov. 13, 1963	305.53	Feb. 23, 1965	90.98
Mar. 20, 1964	137.26	Mar. 20, 1964	268.15	Feb. 7, 1966	89.22
Feb. 8, 1966	124.13	Feb. 23, 1965	265.42	Feb. 17, 1967	90.10
Mar. 14, 1968	131.24	Feb. 7, 1966	265.40		
Mar. 14, 1969	117.31	Feb. 17, 1967	267.58	<b>Well PZ-79-03-702</b>	
Mar. 19, 1970	123.14	Mar. 24, 1969	265.06	Owner: N. R. Douglas	
Apr. 14, 1971	154.55	Mar. 19, 1970	269.30	1953	20
Mar. 11, 1972	114.95	Mar. 11, 1972	288.25	Nov. 11, 1963	24.79



**Table 3.—Water Levels in Selected Wells in Karnes County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well PZ-79-03-702—Continued</b>		<b>Well PZ-79-10-601</b>		<b>Well PZ-79-12-109</b>	
Mar. 20, 1964	23.54	Owner: Tips Ranch		Owner: H. Schienstedt	
Feb. 23, 1965	25.32	Nov. 2, 1955	45.1	Jan. 11, 1956	85.0
Feb. 7, 1966	24.02	Mar. 19, 1964	39.00	Mar. 20, 1964	80.08
Feb. 16, 1967	25.74	Feb. 23, 1965	39.89	Feb. 24, 1965	84.22
Mar. 19, 1968	25.46	Feb. 7, 1966	39.18	Feb. 7, 1966	83.56
Mar. 14, 1969	24.97	Feb. 17, 1967	37.86	Feb. 16, 1967	80.43
Mar. 20, 1970	24.80	Feb. 14, 1968	37.46	Mar. 20, 1968	82.47
Apr. 15, 1971	24.20	Mar. 14, 1969	37.53	Mar. 13, 1969	77.64
Mar. 11, 1972	24.52	Mar. 20, 1970	33.90	Mar. 20, 1970	78.78
		Apr. 15, 1971	38.67		
		Mar. 11, 1972	39.73		
<b>Well PZ-79-09-801</b>				<b>Well PZ-79-18-301</b>	
Owner: R. E. Buegeler				Owner: George J. Joniskies	
Jan. 27, 1956	146.10	<b>Well PZ-79-11-803</b>		Jan. 1957	68
Nov. 13, 1963	160.02	Owner: Gus G. Pergmann		Nov. 7, 1963	71.78
Mar. 20, 1964	155.20	Nov. 8, 1963	18.54	Mar. 19, 1964	68.37
Feb. 23, 1965	155.34	Mar. 20, 1964	19.44	Feb. 23, 1965	62.90
Feb. 8, 1966	154.54	Feb. 24, 1965	18.88	Feb. 8, 1966	62.38
Feb. 16, 1967	157.47	Feb. 7, 1966	19.68	Feb. 16, 1967	65.57
Feb. 16, 1968	166.66	Feb. 16, 1967	17.74	Mar. 19, 1968	69.04
Mar. 14, 1969	168.43	Mar. 20, 1968	18.39	Mar. 14, 1969	67.81
Mar. 19, 1970	163.00	Mar. 24, 1969	16.27	Mar. 19, 1970	68.75
Mar. 11, 1972	162.68	Mar. 20, 1970	17.20	Apr. 15, 1971	78.22
		Apr. 15, 1971	25.97	Mar. 11, 1972	69.34
		Mar. 11, 1972	25.03		
<b>Well PZ-79-10-402</b>					
Owner: City of Kennedy		<b>Well PZ-79-11-901</b>			
Jan. 24, 1956	87.03	Owner: United Gas Pipeline Co.			
Nov. 11, 1963	127.27	Jan. 10, 1956	118.0		
Mar. 19, 1964	105.74	Jan. 26, 1956	110.52		
Feb. 23, 1965	109.40	Feb. 16, 1967	121.38		
Mar. 14, 1968	119.84	Apr. 15, 1971	129.50		
Apr. 14, 1971	139.25				

## KARNES COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Ka, Edwards and associated limestones; Ew1, Wilcox Group; Ec, Carrizo Sand; Er, Reklaw Formation; Eqc, Queen City Sand; Ew, Weches Formation; Eb, Bigford Formation; Eep, El Pico Clay; Es, Sparta Sand; El, Laredo Formation; Ecm, Cook Mountain Formation; Ey, Yegua Formation; Ej, Jackson Group; Mz, Catahoula Tuff; Ms, Oakville Sandstone; Ml, Lagarto Clay; Qc, terrace gravel; Qal, alluvium.

Dissolved solids : The bicarbonate "reported" is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.

Analyses by Texas State Department of Health unless indicated by footnote.

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
PZ-78-07-901	Ec	3,766	Nov. 4, 1969	22	--	5	2	230	3	493	48	47	0.6	< 0.4	--	600	21	947	8.0	95.2	21.83	7.66
2/ 08-301	Ec	3,564	Aug. 5, 1969	--	< 0.02	4	< 1	--	--	600	23	75	.9	< .4	--	398	13	--	8.4	--	--	--
301	Ec	3,564	July 14, 1972	31	.22	3	3	271	4	620	12	76	.8	--	0.5	710	21	1,110	8.2	95.8	25.70	9.68

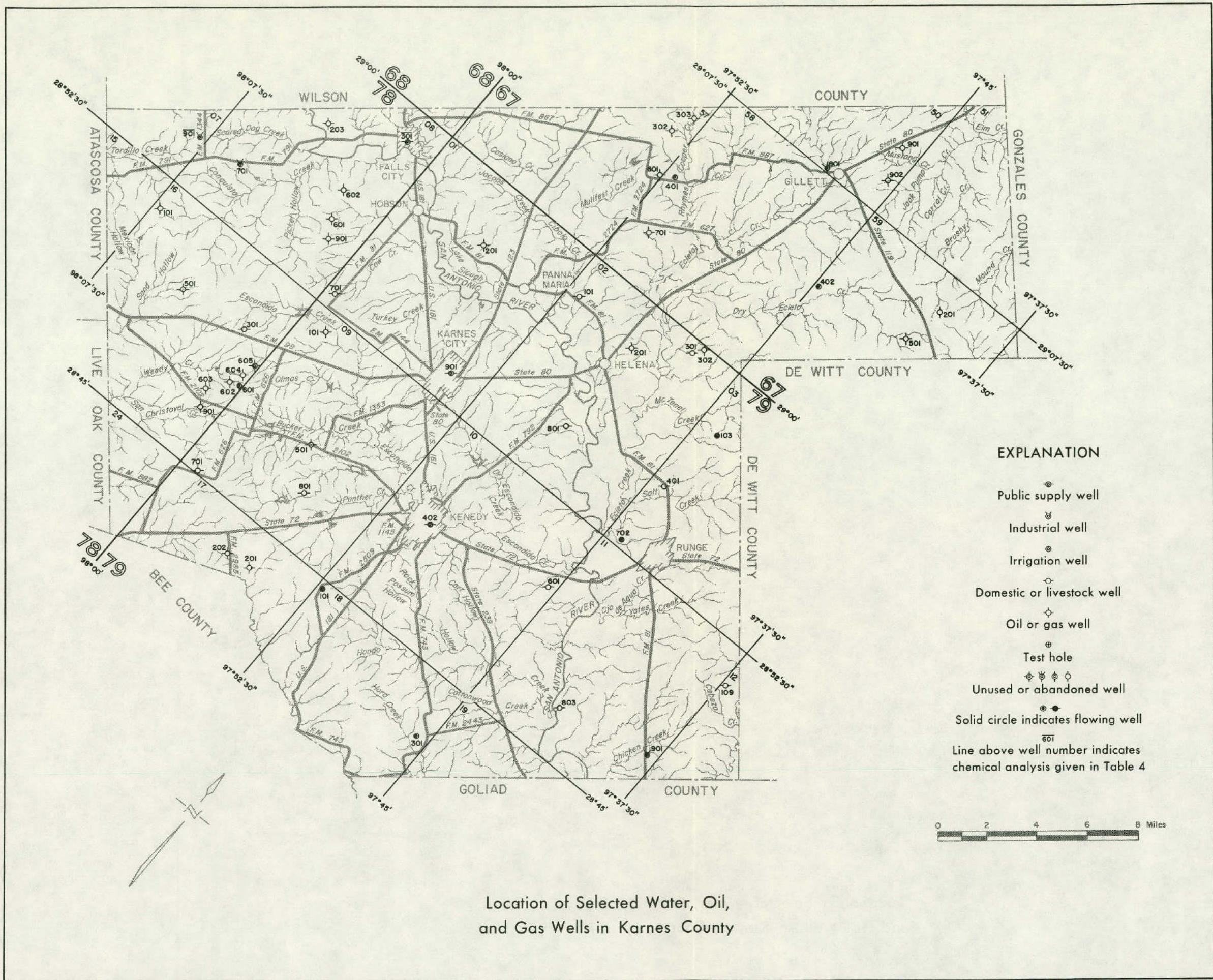
\* Sodium and potassium calculated as sodium (Na).

1/ Includes the equivalent of any carbonate (CO<sub>3</sub>) present.

LABORATORY CONDUCTING ANALYSIS:

2/ Laboratory unknown.

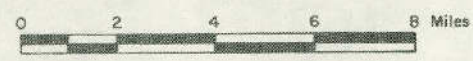




**EXPLANATION**

- Public supply well
- Industrial well
- Irrigation well
- Domestic or livestock well
- Oil or gas well
- Test hole
- Unused or abandoned well
- Solid circle indicates flowing well
- Line above well number indicates chemical analysis given in Table 4

Location of Selected Water, Oil, and Gas Wells in Karnes County







## LA SALLE COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in remarks column.

Water level : Reported water levels given in feet; measured water levels given to the nearest tenth or hundredth of a foot.

Method of lift and type of power: A, airlift; C, cylinder; Cf, centrifugal; E, electric; G, gasoline, kerosene, or Diesel engine; H, hand; J, jet; M, none; Mg, natural gas; T, turbine; W, windmill. Number indicates horsepower.

Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.

Water-bearing unit : Kea, Edwards and associated limestones; Dwi, Wilcox Group; Ec, Carrizo Sand; Er, Reklaw Formation; Eqs, Queen City Sand; Ew, Washes Formation; Eb, Bigford Formation; Eep, El Fico Clay; Es, Sparta Sand; El, Laredo Formation; Fem, Cook Mountain Formation; Ey, Yegua Formation; Fj, Jackson Group; Mc, Catahoula Tuff; Mo, Oakville Sandstone; Ml, Lagarto Clay; Qt, terrace gravel; Qal, alluvium.

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
EX-77-22-701	Lloyd Hurt	--	1926	2,200	10 7	300 2,200	Ec	540	80	Nov. 6, 1962	N	N	Abandoned. Top of Carrizo Sand 1,800 ft. Historical observation well. <u>4</u> <u>5</u>
* 702	do	E. H. Cannon Drilling Co.	1964	2,050	12 10	880 2,050	Ec	540	246.88 260.18	Mar. 14, 1966 Feb. 14, 1969	T, E 100	S, Irr	Perforated from 1,700 to 2,000 ft. Reported yield of 1,150 gpm. Temp. 106°F. Historical observation well. <u>4</u>
* 801	do	Clarence Homer Brown	1959	252	7	200	E1	538	70.00 133.20	Nov. 5, 1962 Mar. 28, 1972	Sub, E	D	Open hole from 200 to 252 ft. Temp. 82°F. Observation well. <u>3</u> <u>5</u>
* 802	Ritchie Farms	E. H. Cannon Drilling Co.	--	2,049	12 10	800 2,049	Ec	545	--	--	T, E 175	Irr	Slotted. Cemented from 1,700 ft to surface. Reported yield of 950 gpm. Temp. 104°F.
* 902	H. H. Barrett	Clarence Homer Brown	1950	120	7	20	E1	518	75.40 74.68	Nov. 5, 1962 Mar. 28, 1972	C, W	S	Open hole from 20 to 120 ft. Temp. 78°F. Observation well. <u>3</u> <u>5</u>
* 23-702	Hal Woodward	E. H. Cannon Drilling Co.	1954	2,000	10 7	400 2,000	Ec	543	97.0 233.98	1954 Mar. 9, 1967	N	N	Abandoned. Oil test drilled to 5,398 ft, plugged back to 2,000 ft, and converted to water well. Temp. 94°F. <u>4</u> <u>5</u>
* 703	do	do	1963	2,300	12 10	500 2,300	Ec	553	246.29 233.45	Feb. 3, 1965 Mar. 18, 1970	T, E 100	S, Irr	Slotted. Pump set at 450 ft. Reported yield of 735 gpm. Temp. 90°F. Observation well. <u>3</u>
* 903	Scott Kuett	--	--	--	--	--	--	545	--	--	T, E 50	--	Temp. 85°F.
* 24-801	Burns Ranch	--	1908	1,400	4	--	Wb	434	0.51 36.63	Apr. 21, 1959 Mar. 29, 1972	C, E 1	S	Flowed until 1950. Temp. 86°F. Observation well. <u>3</u> <u>5</u>
* 29-602	Dan Kinsel, Jr.	Arkansas Pool Oil Co.	1947	2,000	9	2,000	Ec	523	--	--	T, E 100	Irr	Oil test drilled to 8,100 ft, plugged back to 2,000 ft, and converted to water well. Perforated. Reported yield of 505 gpm. Temp. 104°F. <u>3</u> <u>5</u>
* 603	Pemo Farms	--	--	--	--	--	Ec	530	--	--	T, E 150	Irr	Reported yield of 500 gpm. Temp. 104°F.
* 901	do	E. H. Cannon Drilling Co.	1957	2,060	12 10	500 2,060	Ec	510	160.84 218.80	Mar. 17, 1959 Apr. 4, 1972	T, E 150	Irr	Slotted from 1,670 to 2,060 ft. Reported yield of 930 gpm. Temp. 105°F. Observation well. <u>3</u> <u>4</u>
* 903	do	--	--	--	--	--	Ec	500	--	--	T, E 175	Irr	Oil test converted to water well. Reported yield of 795 gpm. Temp. 104°F.
* 30-201	T. D. Culpepper	McKinley Drilling Co.	1952	2,000	--	--	Ec	623	--	--	C, W	D, S	Temp. 80°F. <u>3</u>
202	Q. D. Hunter	E. H. Cannon Drilling Co.	1962	2,100	12 10	600 2,100	Ec	605	--	--	T, E 165	S, Irr	Slotted from 1,900 to 2,000 ft. Pump set at 340 ft. Reported yield of 1,300 gpm.
401	A. B. Alexander	do	1963	2,050	12	2,050	Ec	538	324.52	Nov. 4, 1969	T, E 125	Irr	Slotted from 1,750 to 2,050 ft. Pump set at 440 ft. Reported yield of 1,000 gpm. Development test: Drawdown of 172 ft while pumping 1,360 gpm.
* 502	Mrs. Glen Tolbuc	do	1965	2,030	12 10	700 2,030	Ec	612	322 366.99	Dec. 1965 Apr. 4, 1972	T, G	Irr	Perforated from 1,730 to 2,030 ft. Reported yield of 1,100 gpm. Development test: Drawdown of 38 ft while pumping 1,525 gpm in Dec. 1965. Temp. 106°F. Observation well. <u>3</u>
* 602	R. L. Lee	-- Weunch	1954	2,240	12 8	400 2,240	Ec	565	160 234.57	Nov. 5, 1962 Jan. 23, 1964	T, G 40	Irr	Oil test drilled to 5,486 ft, plugged back to 2,240 ft, and converted to water well. Slotted from 2,040 to 2,240 ft. Pump set at 300 ft. Reported yield of 500 gpm. Development test: Drawdown of 160 ft while pumping 1,500 gpm. Temp. 105°F. Historical observation well. <u>4</u> <u>5</u>

See footnotes at end of table.

LA SALLE COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
RK-77-30-605	Clay Arnold	Clarence Homer Brown	1953	125	8	20	E1	540	94.27 90.70 93.65	Sept. 7, 1970 Apr. 7, 1971 Mar. 27, 1972	Sub, E	D, S	Open hole from 20 to 125 ft. observation well. <u>3</u>
701	M. D. Curtis	-- Wunch	1955	1,908	12 8	400 1,908	Ec	480	110.80 166.3 292.00	Mar. 17, 1959 Sept. 24, 1962 Aug. 13, 1969	N	N	Abandoned. Slotted from 1,708 to 1,908 ft. <u>3</u>
* 801	E. O. Ehlert	do	1955	2,051	12 8	-- 2,051	Ec	500	125 293.48	1955 Mar. 27, 1972	T, E 150	D, Irr	Slotted from 1,800 to 2,051 ft. Pump set at 500 ft. Reported yield of 1,190 gpm. Development test yielded 1,800 gpm. Temp. 106°F. Observation well. <u>3</u> <u>4</u> <u>5</u>
* 802	Bobbie F. Jones	E. H. Cannon Drilling Co.	1956	2,052	12 10	500 2,052	Ec	580	108.00 108.91	Mar. 13, 1959 Apr. 5, 1959	T, E 125	Irr	Slotted from 1,740 to 2,030 ft. Pump set at 350 ft. Reported yield of 875 gpm. Temp. 107°F. Historical observation well. <u>2</u> <u>4</u> <u>5</u>
803	Ritchie Ranch	--	1967	--	--	--	Ec	485	269.50	Aug. 14, 1969	T, G 200	Irr	--
31-101	Earl C. Morris, Jr.	E. H. Cannon Drilling Co.	1957	2,000	10	2,000	Ec	490	99.88 83.26	Aug. 7, 1963 Apr. 6, 1972	T, G 150	S, Irr	Observation well. <u>3</u> <u>4</u> <u>5</u>
* 102	do	Clarence Homer Brown	1959	200	7	200	E1	480	50	Nov. 5, 1962	T, E 3	D, S	<u>5</u>
103	Calvin Varston	E. H. Cannon Drilling Co.	1967	2,400	12 10	600 2,400	Ec	510	--	--	T, G 275	D, S Irr	Slotted from 2,020 to 2,400 ft. Cemented from 2,000 ft to surface. Pump set at 450 ft. Reported yield of 1,100 gpm. Development test: Drawdown of 159 ft while pumping 1,852 gpm for 32 hours in Mar. 1967.
* 301	Laura B. Cannon	--	1918	500	10	500	E1	528	110	Nov. 1, 1962	Sub, E 3/4	D, S	<u>5</u>
501	T. T. Poston	McKinley Drilling Co.	1952	2,256	10 7	200 2,256	Ec	473	75.35 82.80	Apr. 15, 1959 Dec. 15, 1969	T, E 10	Irr	Historical observation well. <u>5</u>
* 502	W. C. Newman	Newman Brothers	1953	2,340	13 7	500 2,340	Ec	480	50 107.38	1953 Mar. 21, 1959	T, G	Irr	Oil test converted to water well. Slotted from 2,140 to 2,340 ft. Temp. 108°F. Historical observation well. <u>5</u>
* 602	W. Ferguson	Clarence Homer Brown	1943	160	6	--	E1	485	82	Nov. 1, 1962	C, E	S	Temp. 88°F. <u>5</u>
* 604	Gregorio Ramirez	--	1944	145	4	--	E1	475	48.70 49.72 45.32	Sept. 9, 1970 Apr. 7, 1971 Mar. 28, 1972	C, W	D, S	Temp. 82°F. Observation well. <u>3</u>
* 702	Town of Gardendale	--	1909	2,360	14 2	-- --	Ec	565	--	--	C, E 2	S	<u>5</u>
703	Missouri Pacific Railroad	Layne-Texas Co.	1944	2,200	8	2,200	Ec	570	153.30 232.68	Mar. 13, 1959 Mar. 29, 1972	N	N	Observation well. <u>3</u> <u>5</u>
* 704	L. D. Stevenson	--	1922	210	4	105	E1	580	159.1	Nov. 7, 1962	C, W	S	<u>5</u>
32-501	Burns Ranch	Humble Oil and Refining Co.	1943	1,000	4	--	Esp	462	93.40 97.39	Nov. 2, 1962 Mar. 29, 1972	C, W	S	Temp. 80°F. Observation well. <u>3</u> <u>5</u>
* 601	do	Clarence Homer Brown	1954	250	8	250	E1	485	60 76.09	1954 Mar. 29, 1972	Sub, E	D, S	Temp. 79°F. Observation well. <u>3</u> <u>5</u>
* 37-301	H. G. Ritchie	--	1957	2,030	10	2,030	Ec	460	160.05 199.39	Feb. 12, 1965 Apr. 4, 1972	T, E 125	Irr	Slotted from 1,631 to 2,030 ft. Pump set at 450 ft. Reported yield of 1,000 gpm. Temp. 104°F. Observation well. <u>3</u> <u>5</u>

See footnotes at end of table.

LA SALLE COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* AK-77-38-101	C. M. Dismukes	E. H. Cannon Drilling Co.	--	--	--	--	Ec	480	--	--	T, E 130	Irr	Reported yield of 1,135 gpm. Temp. 104°F.
* 102	do	McKinley Drilling Co.	1962	2,108	12 10 8	470 1,375 2,108	Ec	490	90	Oct. 1962	T, E 150	Irr	Slotted from 1,309 to 1,575 ft and 1,828 to 2,108 ft. Cemented from 1,249 ft to surface. Reported yield of 1,000 gpm. Development test: Drawdown of 144 ft while pumping 1,464 gpm in Oct. 1962. Temp. 106°F. <u>Y</u>
* 201	do	Humble Oil and Refining Co.	1942	2,200	9	2,200	Ec	475	108.20 258.77	Feb. 18, 1959 Apr. 4, 1972	T, E 60	Irr	Oil test drilled to 9,000 ft, plugged back to 2,200 ft, and converted to water well. Gun perforated from 1,800 to 2,200 ft. Pump set at 320 ft. Reported yield of 1,000 gpm. Temp. 105°F. Observation well. <u>Y</u>
401	Troy Carey and Sons	McKinley Drilling Co.	1955	2,018	10 8	600 2,018	Ec	445	--	--	T, G 85	D, S Irr	Slotted from 1,830 to 2,018 ft. Temp. 101°F. <u>Y</u>
* 601	B. Wildenthal	Quintana Petroleum Co.	1940	2,495	10	2,495	Ec	435	--	--	N	N	Oil test drilled to 7,808 ft, plugged back to 2,495 ft, and converted to water well. Gun perforated from 2,140 to 2,250 ft. Reported flow of 275 gpm in 1941. Temp. 103°F. <u>Y</u>
* 701	Silver Lake Ranch	--	1930	145	4	--	E1	515	126.2	Nov. 8, 1962	C, W	S	Temp. 75°F. <u>Y</u>
* 702	do	--	1930	183	6	20	E1	522	124.5	do.	C, W	S	<u>Y</u>
* 801	R. H. Tice	-- Spothuate	1961	380	8	380	E1	460	90	do.	T, G 70	Irr	Reported yield of 400 gpm. Temp. 80°F. <u>Y</u>
* 803	do	--	--	250	8	250	E1	460	60	do.	C, W	S	Temp. 79°F. <u>Y</u>
901	H. L. Rymal	Newman Brothers	1951	2,424	7	2,424	Ec	449	72.15 191.60	Apr. 10, 1959 Mar. 20, 1972	N	N	Perforated from 2,224 to 2,424 ft. Observation well. (Recorder observation well from Oct. 7, 1965 to Feb. 2, 1971.) <u>Y</u>
* 903	Clyde Hebert	John Mortimer Hertzell	1959	265	4	--	E1	450	75	Nov. 1959	T, E	D, S	<u>Y</u>
* 39-102	C. J. Haak, Sr.	do	1962	385	8	385	E1	520	120	June 1962	T, G 49	S, Irr	Perforated from 135 to 335 ft. Pump set at 300 ft. Reported yield of 350 gpm. Temp. 81°F. <u>Y</u>
* 301	Miss Helen Storey	--	1951	2,775	12 10 8	200 1,975 2,775	Ec	572	259.04 305.35	Mar. 14, 1966 Apr. 6, 1972	Sub, E	S	Perforated from 2,575 to 2,775 ft. Temp. 113°F. Observation well. <u>Y</u>
* 401	City of Cotulla	F. H. Burkett	1916	2,300	6	2,300	Ec	420	--	--	T, E	N	Perforated from 2,128 to 2,300 ft. Reported flow of 240 gpm in 1942. Unused public supply well. Reported yield of 400 gpm. Temp. 104°F. <u>Y</u>
* 402	do	Quintana Petroleum Co.	1940	2,483	10 8	500 2,483	Ec	448	80	Feb. 1959	T, E 100	P	Oil test drilled to 6,366 ft, plugged back to 2,483 ft, and converted to water well. Slotted from 2,100 to 2,482 ft. Cemented from 2,100 ft to surface. Reported flow of 165 gpm in 1945. Pump set at 400 ft. Reported yield of 700 gpm in 1959. Development test: Drawdown of 98 ft while pumping 516 gpm on Aug. 22, 1942. Temp. 107°F. <u>Y</u>
* 403	do	L. V. Chenoweth	1953	2,345	10 7	300 2,345	Ec	420	21	Mar. 18, 1956	N	N	Screened. Reported yield of 493 gpm. Temp. 108°F. Historical observation well. <u>Y</u>

See footnotes at end of table.

LA SALLE COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING			ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)	WATER BEARING UNIT		BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* XX-77-39-404	City of Cotulla	McKinley Drilling Co.	1959	2,347	13 10	500 2,347	Ec	400	+ 7.7 128.0 134.9	May 28, 1959 Nov. 15, 1960 Feb. 10, 1961	T, E 100	P	Screened from 2,190 to 2,347 ft. Pump set at 300 ft. Reported yield of 700 gpm. Development test yielded 1,850 gpm on Feb. 17, 1959. Temp. 96°F. Historical observation well. <u>1 2 3</u>
601	H. D. Storey	H. Coquat and H. D. Storey	1950	2,950	9 8	-- 2,950	Ec	512	+ 2.0 76.26	Apr. 5, 1952	N	N	Oil test converted to water well. Observation well. <u>2 3 3</u>
* 701	Abel Siller	E. H. Cannon Drilling Co.	1956	500	10	200	EI	378	--	--	Flows	S	Open hole from 200 to 500 ft. Temp. 78°F. <u>3</u>
703	Louis Sanders	do	1956	500	10	200	EI	400	8.6 11.8	May 27, 1959 Sept. 25, 1962	T, E 50	S, Irr	Open hole from 200 to 500 ft. <u>3</u>
705	do	do	1956	500	10	200	EI	400	9.70	May 27, 1959	T, E 50	Irr	Open hole from 200 to 500 ft. Reported yield of 390 gpm. Temp. 81°F. <u>3</u>
* 707	J. T. Pogue	John Mortimer Hartzell	1955	525	10	250	EI	425	65	1955	T, E 40	Irr	Open hole from 250 to 525 ft. Pump set at 220 ft. Reported yield of 400 gpm. Temp. 80°F. <u>3</u>
* 708	Marlo Siller	E. H. Cannon Drilling Co.	1969	2,520	12 10	1,000 2,520	Ec	405	130 144.86	Apr. 20, 1969 Oct. 22, 1969	T, G 151	Irr	Slotted from 2,220 to 2,520 ft. Pump set at 390 ft. Reported yield of 1,100 gpm. Temp. 108°F. <u>3</u>
* 709	Siller Brothers	--	--	200	6	60	EI	410	46.57 56.35 56.86	Sept. 9, 1970 Apr. 6, 1971 Apr. 5, 1972	C, W	S	Open hole from 60 to 200 ft. Temp. 82°F. Observation well. <u>3</u>
40-302	Harris Brothers Farm	LaSalle Co.	1947	3,000	12 8	400 3,000	Ec	560	45.98	Apr. 15, 1959	C, W	S	Oil test drilled to 4,494 ft, plugged back to 3,000 ft, and converted to water well. Gun perforated. Historical observation well. <u>3</u>
303	do	O. N. Bier and J. Mowinkle	--	3,000	12 8	400 3,000	Ec	420	24.50 128.13	Apr. 15, 1959 Mar. 28, 1972	C, W	N	Slotted from 2,470 to 3,000 ft. Unused livestock well. Observation well. <u>3 3</u>
* 305	Town of Los Angeles	Robert Laurence	1922	2,740	8	2,740	Ec	400	--	--	Sub, E 7-1/2	P	Slotted. Temp. 96°F. <u>3</u>
* 46-801	Otis Cox	John Mortimer Hartzell	1956	600	10 8	300 600	EI	460	40.09 37.80	Mar. 13, 1959 Apr. 4, 1972	N	N	Slotted from 300 to 600 ft. Reported yield of 500 gpm. Observation well. <u>3 3</u>
802	do	do	1956	600	--	--	EI	460	29.18 29.6	Mar. 13, 1959 Sept. 26, 1962	N	N	Abandoned. Casing removed. <u>3</u>
* 803	do	do	1957	600	--	--	EI	440	19.95 11.4	Mar. 13, 1959 Aug. 7, 1963	N	N	Abandoned. Casing removed. Well plugged. <u>3</u>
* 804	George Crisp, Sr.	--	1910	1,900	7	--	Ec	477	+ 8.5 3.98	Oct. 17, 1942 Apr. 4, 1972	N	N	Temp. 91°F. Observation well. <u>3 3</u>
* 901	F. D. Hendrickson	--	1942	400	3	--	EI	450	150	Nov. 19, 1962	C, W	D, E	<u>3</u>
* 47-701	Owen Winalow	--	1944	535	3	--	EI	410	12	May 23, 1963	J, E	D, S	Temp. 83°F. <u>3</u>
* 802	Sam Evans Estate	Shields and Narrilles	1947	3,290	8	3,290	Ec	398	+ 20 39.70	Apr. 26, 1959 Apr. 4, 1972	C, W	S	Oil test drilled to 5,505 ft, plugged back to 3,290 ft, and converted to water well. Slotted from 3,050 to 3,290 ft. Reported flow of 10 gpm in 1959. Temp. 108°F. Observation well. <u>3 3</u>
* 803	do	--	1928	800	8	800	EI	393	--	--	C, W	D, S	Temp. 85°F. <u>3</u>
* 901	Albert Martin	Pontiac Refining Co.	1952	3,080	5	3,080	Ec	366	--	--	Sub, E 1-1/2	D, S	Oil test drilled to 5,472 ft, plugged back to 3,080 ft, and converted to water well. Perforated. Cemented from 400 ft to surface. Pump set at 150 ft. <u>3 3</u>

See footnotes at end of table.



LA SALLE COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* RX-77-48-301	H. H. Fielder	Plymouth Oil Co.	1951	3,483	9	3,483	Ec	430	+ 80.00 152.44	May 17, 1956 Mar. 29, 1972	Sub, E 1	D	O11 test drilled to 4,400 ft, plugged back to 3,483 ft, and converted to water well. Perforated from 3,334 to 3,483 ft. Flowed until 1954. Observation well. <u>3</u> <u>3</u>
502	C. N. Cook	Longhorn Drilling Co.	1942	3,400	6	3,400	Ec	350	--	--	Sub, E 1	S	O11 test drilled to 5,513 ft, plugged back to 3,400 ft, and converted to water well. Perforated from 3,000 to 3,400 ft. Pump set at 60 ft. <u>2</u> <u>3</u>
602	Ruth Reed Dyke Trust	Plymouth Oil Co.	--	3,400	5	3,400	Ec	400	24.10 105.25	Apr. 23, 1959 Apr. 5, 1972	W	N	Perforated from 3,200 to 3,400 ft. Flowed until 1954. Observation well. <u>3</u> <u>3</u>
* 801	C. N. Cook	Kirkwood and Morgan	1953	3,300	12 8	500 3,300	Ec	375	--	--	T, G 90	Irr	Perforated from 2,800 to 3,300 ft. Reported flow of 30 gpm in 1962. Pump set at 200 ft. Reported yield of 1,000 gpm. Temp. 122°F. <u>3</u>
* 55-701	Albert Martin	Bumble Oil and Refining Co.	1941	830	4	807	E1	400	+ 26.1	Oct. 21, 1942	T, E	S	Perforated from 700 to 800 ft. Reported flow of 22 gpm in 1942. Temp. 86°F. <u>3</u>
* 56-202	do	do	1941	1,150	4	1,150	E1	318	+ 56.20 + 35.24 + 30.62	Aug. 1941 Sept. 11, 1970 Apr. 5, 1972	Flows	S	Perforated from 1,050 to 1,150 ft. Reported flow of 43 gpm in 1942. Temp. 90°F. Observation well. <u>3</u> <u>3</u>
* 801	H. Coquet Estate	Longhorn Drilling Co.	1956	3,500	10 7	400 3,400	Ec	300	+ 52 + 16.56	May 1, 1959 Apr. 5, 1972	Flows, T, G	D, S	Slotted from 3,240 to 3,400 ft. Reported flow of 175 gpm in 1959. Reported yield of 1,400 gpm. Temp. 126°F. Observation well. <u>3</u> <u>3</u>
* 802	do	--	1941	1,400	4	1,400	E1	300	+ 66 + 37.25	Apr. 30, 1959 Apr. 5, 1972	Flows	D, S	Reported flow of 75 gpm in 1959. Observation well. <u>3</u> <u>3</u>
* 62-101	T. A. Burkholder	W. H. Turner	1946	466	8	106	E1	600	105	1946	C, W	S	Temp. 85°F. <u>3</u>
* 401	A. E. Schletze	R. S. Owens	1955	750	10	750	E1	560	107.24 115.77	Mar. 23, 1959 Apr. 4, 1972	Sub, E	Irr	Perforated from 500 to 600 ft. Pump set at 450 ft. Reported yield of 175 gpm. Temp. 84°F. Observation well. <u>3</u> <u>3</u>
* 402	-- Parker	--	1931	500	10	500	E1	550	154.1	Sept. 26, 1962	Sub, E 7-1/2	D, P	Reported yield of 50 gpm. Temp. 75°F. <u>3</u>
403	Encinal Public School	--	1942	500	8	--	E1	553	--	--	Sub, E	P	Reported yield of 19 gpm. <u>3</u>
* 404	T. A. Burkholder	Rene Gutierrez Water Well Drilling	1956	250	6	231	E1	560	122	1956	C, W	S	<u>3</u>
405	City of Encinal	E. R. Cannon Drilling Co.	1967	750	8	750	E1	530	--	--	Sub, E 25	P	Slotted from 375 to 750 ft. Cemented from 375 ft to surface. Pump set at 340 ft. Reported yield of 145 gpm.
* 701	A. E. Schletze	McKinley Drilling Co.	1958	725	12	725	E1	580	114.7 147.6	Apr. 29, 1959 Sept. 26, 1962	Sub, E	S, Irr	Slotted from 360 to 580 ft. Pump set at 450 ft. Reported yield of 175 gpm. Temp. 85°F. <u>2</u> <u>3</u>
* 705	International and Great Northern Railroad	--	--	500	--	--	E1	572	--	--	T, E	D, S Irr	Drilled to 700 ft and filled by caving to 500 ft. Temp. 94°F. <u>3</u>
708	A. E. Schletze	--	1955	150	8	750	E1	530	--	--	Sub, E	Irr	Perforated.
* 83-201	Fred Asche	--	1941	3,200	6	3,200	Ec	448	57	May 6, 1959	C, W	S	O11 test drilled to 4,200 ft, plugged back to 3,200 ft, and converted to water well. Reported flow of 550 gpm in 1942. Temp. 120°F. Historical observation well. <u>3</u>
* 302	do	Bumble Oil and Refining Co.	1942	1,300	4	--	E1	400	+ 30	Oct. 1942	Flows	D, S	Temp. 100°F. <u>3</u>

See footnotes at end of table.

LA SALLE COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* RR-77-64-102	R. C. Miller	--	1916	1,000	12	40	Ey	380	--	--	Flows	S	Reported flow of 125 gpm in 1959. Temp. 92°F. <u>5</u>
* 401	do	Longhorn Drilling Co.	1951	4,280	8	4,280	Ec	400	+ 2.3 56.83	May 3, 1959 Apr. 4, 1972	Sub, E 1-1/2	D, E	Slotted from 3,930 to 4,280 ft. Reported flow of 5 gpm in 1959. Temp. 140°F. Observation well. <u>3 5</u>
* 78-18-702	S. J. Williams	Rock Hill Oil Co.	1949	2,900	10	2,650	Ec	460	25.80 114.16	Apr. 21, 1959 Mar. 19, 1970	T, G 60	S	Oil test drilled to 6,321 ft, plugged back to 2,900 ft, and converted to water well. Slotted from 2,370 to 2,650 ft. Open hole from 2,650 to 2,900 ft. Flowed until 1954. Temp. 111°F. Historical observation well. <u>3 5</u>
* 25-501	J. W. Martin	Longhorn Drilling Co.	1955	3,000	7	3,000	Ec	330	--	--	Flows	N	Abandoned. Oil test drilled to 6,802 ft, plugged back to 3,000 ft, and converted to water well. Perforated from 2,500 to 3,000 ft. Reported flow of 30 gpm in 1962. Temp. 112°F. <u>5</u>
* 601	Leroy Hindea	McKinley Drilling Co.	1955	3,015	10 8	280 3,015	Ec	391	46.82 55.98	Mar. 16, 1966 Feb. 12, 1969	T, G 75	S, Irr	Slotted from 2,770 to 3,015 ft. Reported flow of 80 gpm in 1959. Historical observation well. <u>2 3 5</u>
* 801	Kimble Estate	L. V. Chenoweth	1952	3,000	10 7 5	180 -- 3,000	Ec	365	+ 33.7 + 13.4 67.45	May 4, 1959 Nov. 17, 1960 Oct. 21, 1969	Sub, E	D, S	Slotted from 2,500 to 3,000 ft. Reported flow of 100 gpm in 1959. Temp. 114°F. Historical observation well. <u>5</u>
802	Dudley Storey, Jr.	do	1952	3,015	7 5	2,405 3,015	Ec	360	--	--	T, Hg 75	S, Irr	Slotted from 2,465 to 3,015 ft. Reported flow of 80 gpm in 1959.
* 803	do	do	1928	2,763	7	2,763	Ec	385	17.69 85.00	Jan. 22, 1964 Mar. 29, 1972	T, Hg 75	S, Irr	Slotted from 2,663 to 2,763 ft. Reported flow of 130 gpm in 1942. Reported yield of 650 gpm. Temp. 99°F. Observation well. <u>3 5</u>
* 804	do	do	1928	2,750	8	2,750	Ec	355	--	--	Flows, T, Hg 100	S, Irr	Slotted from 2,450 to 2,750 ft. Reported flow of 75 gpm in 1969. Pump set at 145 ft. Reported yield of 300 gpm. Temp. 108°F. <u>5</u>
* 26-701	H. J. Kestrum	E. H. Cannon Drilling Co.	1954	3,400	7 4	2,700 3,400	Ec	385	12	May 12, 1963	T, G 45	D, S Irr	Slotted from 2,700 to 3,400 ft. Reported flow of 80 gpm in 1959. Pump set at 100 ft. Temp. 116°F. <u>5</u>
702	Leroy Hindea	McKinley Drilling Co.	1967	3,214	12 8	905 3,199	Ec	365	--	--	T, G 150	Irr	Slotted from 2,849 to 3,199 ft. Cemented from 2,790 ft to surface. <u>5</u>
* 801	Jess McNeel	-- Haron	1945	3,300	7 5	2,800 3,300	Ec	377	--	--	Sub, E 1-1/2	D, S	Slotted from 2,800 to 3,300 ft. Reported flow of 350 gpm in 1956. Pump set at 100 ft. Temp. 111°F. <u>5</u>
* 802	do	Windsor Oil Co.	1943	3,400	7	3,400	Ec	363	+ 40.50 59.99	May 26, 1959 Mar. 29, 1972	Sub, E 1-1/2	S	Oil test drilled to 5,492 ft, plugged back to 3,400 ft, and converted to water well. Slotted from 2,800 to 3,400 ft. Reported flow of 350 gpm in 1956. Temp. 109°F. Observation well. <u>2 3 5</u>
33-101	Mrs. T. B. Baker	--	1923	2,800	8	2,700	Ec	400	10.58	Mar. 17, 1959	O, W	D, S	Reported flow of 50 gpm in 1942. Historical observation well. <u>5</u>
* 34-101	John Miller	Francis Sponseller	1961	400	4	400	Ey	300	--	--	Flows	D, S	Temp. 70°F. <u>5</u>
* 202	City of Fowlerton	--	1911	1,857	8 4	-- --	Eh	300	--	--	Flows	F	Reported flow of 80 gpm in 1959. Temp. 115°F. <u>5</u>
203	do	--	1912	2,056	--	--	Eh	300	--	--	Flows	N	Reported flow of 100 gpm in 1959. Doused public supply well. Temp. 97°F. <u>5</u>
* 41-101	Kinley and Storey	Quintana Petroleum Co.	1948	3,300	7	3,300	Ec	440	57.35	Apr. 23, 1959	T, G 60	S	Perforated from 3,150 to 3,300 ft. Reported yield of 800 gpm. Historical observation well. <u>5</u>

See footnotes at end of table.

LA SALLE COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING (WIT)	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* RX-78-41-104	Kinley and Storry	Loe Brothers Oil Co.	1949	3,200	5	3,200	Ec	446	62.25	Mar. 6, 1959	T, C 75	S, Irr	Oil test drilled to 5,200 ft, plugged back to 3,200 ft, and converted to water well. Perforated from 3,000 to 3,200 ft. Reported yield of 630 gpm. Temp. 130°F. <u>3</u>
301	-- Kinley	Quintana Petroleum Co.	1940	3,400	9	3,400	Ec	495	73.17 159.63	Apr. 23, 1959 Mar. 29, 1972	T, Ng 100	D	Oil test drilled to 7,578 ft, plugged back to 3,400 ft, and converted to water well. Perforated from 3,200 to 3,400 ft. Pump set at 150 ft. Observation well. <u>3</u>
* 302	South Texas Syndicate	Quintana Petroleum Co.	1941	3,606	9	3,606	Ec	424	90	Aug. 1969	T, Ng 50	D, Ind	Oil test drilled to 5,705 ft, plugged back to 3,606 ft, and converted to water well. Slotted from 3,110 to 3,400 ft. Pump set at 130 ft. Reported yield of 103 gpm. Temp. 130°F. <u>3</u>
701	Kinley and Storry	W. H. Spice, Jr., et al.	1941	3,300	9	3,300	Ec	417	32.90	Apr. 23, 1959	T, G 44	S, Irr	Oil test drilled to 5,713 ft, plugged back to 3,300 ft, and converted to water well. Perforated from 3,100 to 3,300 ft. Pump set at 175 ft. Reported yield of 850 gpm. <u>2</u>
* 49-201	Pat Weider	--	--	3,900	--	--	Ec	410	+ 19.0 + 8	May 13, 1959 Oct. 1962	Flows	S	Reported flow of 60 gpm in 1959. Temp. 136°F. Historical observation well. <u>3</u>
* 802	do	Longhorn Drilling Co.	--	4,200	--	4,200	Ec	330	+ 25.0	May 14, 1959	Flows	S, Ind	Perforated from 3,850 to 4,200 ft. Reported flow 400 gpm. Temp. 144°F. <u>3</u>
901	do	do	1952	4,200	--	3,900	Ec	320	+ 61.5	do.	Flows	S, Ind	Open hole from 3,900 to 4,200 ft. Reported flow of 200 gpm. Historical observation well. <u>3</u>
* 50-201	do	Seaboard Oil Co.	1944	3,900	--	3,900	Ec	395	+ 41.0	May 13, 1959	Flows	D, S	Reported flow of 40 gpm in 1959. Temp. 130°F. Historical observation well. <u>3</u>
* 57-301	Nueces Land and Livestock Co.	Matex Oil Co.	1957	1,350	6 3	600 1,250	Ey	255	--	--	Flows, Sub, B	S, Ind	Water used to repressure oil field. Reported flow of 12 gpm in 1962. Temp. 78°F. <u>3</u>

\* For chemical analyses of water, see Table 4.

1) Drillers' log in files of the Texas Water Development Board.

2) Mechanical logs in files of the Texas Water Development Board.

3) For water-level measurements from observation wells, see Table 3.

4) Well also appears in Texas Water Development Board Report 70, "Water-level Data from Observation Wells in the Northwestern Gulf Coastal Plain of Texas," 1968.

5) Well also appears in Texas Water Commission Bulletin 6520, "Ground-Water Resources of La Salle and McMullen Counties, Texas," 1965.

# LA SALLE COUNTY

## Table 2.—Selected Oil, Gas, and Stratigraphic Tests

Type Log: D, Drillers'; E, Electric; R, Radioactive; S, Sample.  
Logs in Texas Water Development Board files

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
RX-77-23-704	B. G. Byars and C. G. Dunwoody, Jr.	J. L. Barkley No. 1	1954	5,400	533	E
29-902	Shell Oil Co.	J. L. Matthews No. 1	1956	10,742	483	E
30-101	W. J. Steeger	Joe McMillian No. 1	1958	5,354	544	E
402	Sutton Producing Co.	Ben Alexander No. 1	1963	5,385	519	E
501	Marty Freedman	M. C. Smith No. 1	1952	5,535	605	E
902	Henderson Coquat and O. R. Mitchell	Carlos Pena No. 1	1951	5,767	518	E
31-504	Kirkwood and Morgan, Inc.	Will Nagy No. 1	1952	4,255	473	E
32-901	Lann and McClanahan	Storey and Raed No. 1	1955	6,732	406	E
38-301	George H. Echols	Ben Alexander No. 1	1951	5,785	492	E
905	Siznod Oil Corp., et al.	M. L. Girard No. 1	1950	6,911	480	E
801	Howeth and Mason	A. U. Knaggs No. 1	1952	4,805	459	E
40-902	Continental Oil Co.	Fred L. Klattenhoff No. 1	1958	4,725	408	E
46-401	O. W. Killam	L. Otis Cox No. 1	1957	4,468	505	E
47-301	Jergins Oil Co.	J. E. Bishop No. 1	1947	5,000	357	E
804	Navillus Oil Well Servicing Co.	Sam Evans No. 1	1947	5,505	400	E
902	Sutton Producing Co.	C. N. Cooke No. 2-A	1962	5,339	340	E
903	Champlin Petroleum Co.	Albert Martin No. 1	1966	5,515	340	E
48-302	Sutton Producing Co.	— Buckholdt No. 2	1958	5,429	362	E
503	Stanofind Oil and Gas Co.	C. N. Cooke No. 1	1955	5,665	365	E
505	A. D. Sossaman	do.	1964	4,998	350	E
506	H. B. Lively	C. N. Cooke No. 2	1964	5,373	350	E
507	E. J. McCurdy	Cartwright Ranch No. 1	1941	5,512	362	E
508	Ralph Evans	C. N. Cooke Estate No. 1	1966	5,389	353	E
601	Sutton Producing Co.	F. J. Buckholt No. 1	1958	5,655	375	E
603	Frank Kallina and Ralph Evans	H. Cartwright No. B-1	1960	5,711	376	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in La Salle County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
RX-77-48-604	Sutton Producing Co.	Preston Stone No. 1	1959	5,603	375	E
605	Frank Kallina and Ralph Evans	H. Cartwright No. 1	1959	5,650	400	E
606	do.	Cartwright No. 2	1959	5,510	376	E
607	Charles E. Fraser	D. C. Reed No. 1	1944	5,718	405	E
608	Quintana Petroleum Corp.	F. G. Gausemeier No. 1-B	1943	4,307	440	E
701	Sutton Producing Co.	C. N. Cooke No. 1-A	1960	10,404	398	E
702	Joe G. Gibson and J. B. Clark	C. N. Cooke No. 1	1961	5,500	332	E
703	Davidor and Davidor, Inc.	Albert Martin No. 1	1967	5,468	344	E
704	Champlin Petroleum Co.	Albert Martin No. A-1	1966	5,515	355	E
53-601	San Jacinto Petroleum Corp.	A. L. Krause No. 1	1952	10,463	540	E
54-502	Security Drilling Co.	Albert Martin No. 1	1956	5,008	496	E
503	Stanolind Oil and Gas Co.	do.	1953	4,955	542	E
601	Thomas Brothers	H. M. Gutierrez No. 1	1955	5,010	502	E
602	Ginther, Warren and Ginther	Albert Martin No. 1	1950	5,118	500	E
701	Barnsdall Oil Co. and Trinity Petroleum Co.	Gustav Sager No. 1	1941	5,514	599	E
55-201	Sutton Producing Co.	Joe Amberson, Jr. No. 1-A	1955	5,221	438	E
202	do.	Joe Amberson No. 1	1955	5,204	434	E
601	R. M. Ranger	Jeffries Ranch No. 1	1948	5,640	408	E
56-501	Magnolia Petroleum Co.	Burks Ranch No. 1	1942	6,202	304	E
901	Petroleum, Inc. and Sutton	St. Louis Union Trust Co. No. 1	1959	6,261	292	E
902	Flamingo Ventures and J. M. Taylor	Robert Coquat No. 1	1959	6,132	304	E
63-602	J. E. Hillier	R. J. Nunley No. 1	1961	6,102	353	E
64-103	Sohio Petroleum Co.	Callahan Land and Cattle Co. No. B-1	1944	6,211	335	E
601	Henderson Coquat and Amerada Petroleum Co.	St. Louis Union Trust Co. No. 1	1950	6,508	365	E
78-17-802	Skelly Oil Co.	John J. Schorp No. 1	1951	6,310	459	E
901	James M. Anderson	R. B. Pumphrey	1952	6,375	461	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in La Salle County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
RX-7B-18-704	Rock Hill Oil Co. and Twin Oil Co.	La Salle Co. No. 1	1949	6,321	460	E
25-201	Geo. Parker and Chas. McCune	Mable I. Wilson No. 1	1949	6,352	430	E
301	Service Contracting Co.	E. L. Sturm No. 1	1955	6,808	426	E
302	C. C. Winn	Mabel Wilson No. 1	1960	6,500	435	E
303	Dan Auld and W. S. Shipman, Jr.	Mable I. Wilson No. 1	1962	12,500	421	E
805	L. V. Chenoweth	— Fee No. 1	1942	5,002	355	E
26-101	The Texas Co.	The La Salle Co. No. 1	1948	9,050	415	E
401	C. C. Winn and C. W. McCurdy	The La Salle Co. No. 1	1957	4,973	375	E
703	Quintana Petroleum Corp.	R. W. Kostroun No. 1	1942	5,365	380	E
803	Jess McNeel	Jess McNeel No. 1	1945	3,060	365	E
33-104	Thomas Brothers and C. C. Winn	Mathilde Oille, et al. No. 1	1955	5,010	360	E
105	Engco Oil and Gas Co. and Sam Larue, et al.	Margaret Ann Kimball No. 1	1960	5,100	351	E
201	Sun Oil Co.	Naylor and Jones No. 1	1952	4,377	349	E
301	do.	Naylor and Jones No. 2	1955	5,303	333	E
501	Gulf Oil Corp.	Naylor and Jones No. 1	1959	10,960	364	E
704	Sutton Producing Co. and O. W. McCurdy	W. E. Pfluger No. 1	1958	5,510	408	E
705	Sutton Producing Co.	— Pfluger No. 2	1958	4,730	405	E
706	Sun Ray Mid-Continent Oil Co.	E. Gerbert No. 1	1958	4,749	408	E
901	Quintana Petroleum Corp.	Naylor and Jones No. 1	1942	5,582	418	E
34-204	Appell Petroleum Corp.	Naylor and Jones Ranch Co., et al. No. 2	1961	5,665	299	E
501	do.	Naylor and Jones Ranch Co., et al. No. 1	1961	5,675	356	E
41-103	Navarro Oil Co.	Ray L. Talbert No. 1	1942	5,750	445	E
106	Lee Brothers Oil Co.	H. D. Storey, Sr. No. 2	1956	10,705	444	E
107	Sixth M. E. Andrews, LTD.	Storey and Reed No. 1	1956	5,420	458	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in La Salle County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
RX-78-41-108	Progress Petroleum, Inc.	María Zuehl No. 1	1943	5,723	440	E
109	Esgen and Manry	Talbert No. 1	1942	5,616	440	E
110	Transwestern Oil Co.	Reed and Storey No. 1	1944	5,707	443	E
111	Lloyd H. Smith and Co.	D. C. Reed, et al. No. 1	1949	5,590	465	E
204	Quintana Petroleum Corp.	South Texas Syndicate No. 15	1942	5,100	442	E
207	do.	South Texas Syndicate No. 16	1942	5,752	455	E
209	do.	South Texas Syndicate No. 12	1942	5,733	445	E
303	do.	South Texas Syndicate No. 8	—	5,651	430	E
304	Standard Oil Co. of Texas	South Texas Syndicate No. 1	1954	11,525	435	E
305	Quintana Petroleum Corp.	South Texas Syndicate No. 6	1942	5,660	460	E
307	do.	Washburn Ranch No. B-1	1941	5,695	442	E
308	H. R. Cullen	Washburn Ranch No. 2	1940	5,561	459	E
310	Quintana Petroleum Corp.	Washburn Ranch No. 3	1941	5,708	440	E
311	do.	South Texas Syndicate No. 23	1943	5,543	445	E
312	do.	South Texas Syndicate No. 25	1943	5,579	465	E
313	do.	South Texas Syndicate No. 26	1945	5,567	450	E
314	do.	South Texas Syndicate No. 27	1943	5,573	445	E
315	do.	South Texas Syndicate No. 9	1942	5,827	445	E
316	do.	South Texas Syndicate No. 7	1942	5,573	465	E
321	do.	South Texas Syndicate No. 11	1942	5,571	465	E
402	Sun Ray Mid-Continent Oil Co.	— Yarbrough No. 1	1961	5,786	425	E
403	Kallina, Evans Jane Oil and Gas Co., et al.	Storey and Reed No. 2	1962	5,654	417	E
404	Sun Oil Co.	do.	1961	5,631	408	E
405	do.	Storey and Reed No. 3	1962	5,666	415	E

**Table 2.—Selected Oil, Gas, and Stratigraphic Tests in La Salle County—Continued**

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
RX-78-41-502	Newman Brothers, Skinner and Eddy Corp.	South Texas Syndicate No. E-1	1947	3,148	461	E
42-101	Alaska Steamship Co. and Newman Brothers	South Texas Syndicate No. 3-D	1948	5,685	465	E
102	Sutton Producing Co.	South Texas Syndicate No. 1	1964	—	422	E
103	Newman Brothers, Skinner and Eddy Corp.	South Texas Syndicate No. D-2	1947	5,716	452	E
104	do.	South Texas Syndicate No. D-1	1947	5,253	451	E
105	Quintana Petroleum Corp.	South Texas Syndicate No. 31	1944	5,741	423	E
501	Jack Frost	South Texas Syndicate No. 1	1963	6,000	404	E
49-203	Newman Brothers, Skinner and Eddy Corp.	South Texas Syndicate No. F-1	1947	3,402	430	E
301	do.	South Texas Syndicate No. C-4	1947	5,525	378	E
302	Alaska Steamship Co. and Newman Brothers	South Texas Syndicate No. F-3	1949	3,906	400	E
303	Newman Brothers, Skinner and Eddy Corp.	South Texas Syndicate No. C-3	1947	3,813	458	E
304	do.	South Texas Syndicate No. C-2	1947	5,496	458	E
305	Quintana Petroleum Corp.	South Texas Syndicate No. F-1	1945	6,634	460	E
801	Hill, Spice, Miller and Pierce	Nueces Land and Livestock Co. No. 1	1957	6,016	385	E
803	Parr and Delaney Oil Co.	— Doble No. 1	1952	6,042	314	E
902	A. F. Scott	Nueces Land and Livestock Co. No. 1	1955	4,074	360	E
50-203	Quintana Petroleum Corp.	South Texas Syndicate No. D-2	1943	5,461	442	E
204	Newman Brothers, Skinner and Eddy Corp.	South Texas Syndicate No. B-7	1947	5,706	405	E
205	Quintana Petroleum Corp.	South Texas Syndicate No. 1	1943	—	445	E
401	Seaboard Oil Co.	Nueces Land and Livestock Co. No. 1	1953	6,410	326	E
57-401	Coastal States Gas Producing Co.	St. Louis Union Trust Co. No. 1	1959	6,450	299	E



# LA SALLE COUNTY

## Table 3.—Water Levels in Selected Wells

Water-level measurements, in feet, above (+) or below land surface

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well RX-77-22-702</b>		<b>Well RX-77-29-901</b>		<b>Well RX-77-30-801—Continued</b>	
Owner: Loyd Hurt		Owner: Peco Farms		Mar. 14, 1966	231.33
Mar. 14, 1966	246.88	Mar. 17, 1959	140.84	Feb. 23, 1968	221.68
Mar. 9, 1967	267.40	Nov. 17, 1960	133.36	Feb. 13, 1969	253.72
Feb. 23, 1968	255.87	Feb. 10, 1961	125.08	Mar. 17, 1970	243.93
Feb. 14, 1969	260.18	Feb. 13, 1962	163.42	Apr. 7, 1971	336.10
<b>Well RX-77-22-801</b>		Dec. 19, 1962	182.60	Mar. 27, 1972	293.48
Owner: Loyd Hurt		Jan. 22, 1964	210.94	<b>Well RX-77-31-101</b>	
Nov. 5, 1962	70.00	Mar. 25, 1966	227.76	Owner: Earl C. Morris, Jr.	
Sept. 10, 1970	122.52	Mar. 9, 1967	247.18	Aug. 7, 1963	99.88
Apr. 7, 1971	121.13	Feb. 23, 1968	239.33	Sept. 25, 1963	106.68
Mar. 28, 1972	133.20	Mar. 17, 1970	242.96	Feb. 3, 1965	132.05
<b>Well RX-77-22-902</b>		Apr. 4, 1972	218.80	Mar. 14, 1966	88.49
Owner: H. H. Barrett		<b>Well RX-77-30-502</b>		Mar. 9, 1967	101.16
Nov. 5, 1962	75.40	Owner: Mrs. Glen Tolbut		Feb. 23, 1968	100.29
Sept. 9, 1970	70.12	Dec. 1965	322	Feb. 14, 1969	103.10
Apr. 7, 1971	75.91	Mar. 14, 1966	288.18	Dec. 17, 1969	96.06
Mar. 28, 1972	74.68	Feb. 23, 1968	281.64	Mar. 19, 1970	90.20
<b>Well RX-77-23-703</b>		Mar. 17, 1970	298.96	Apr. 7, 1971	89.62
Owner: Hal Woodward		Apr. 7, 1971	385.13	Apr. 6, 1972	83.26
Feb. 3, 1965	246.29	Apr. 4, 1972	366.99	<b>Well RX-77-31-604</b>	
Mar. 14, 1966	217.90	<b>Well RX-77-30-605</b>		Owner: Gregorio Ramirez	
Mar. 9, 1967	233.98	Owner: Clay Arnold		Sept. 9, 1970	48.70
Feb. 23, 1968	235.65	Sept. 7, 1970	94.27	Apr. 7, 1971	49.72
Feb. 14, 1969	239.34	Apr. 7, 1971	90.70	Mar. 28, 1972	45.32
Mar. 18, 1970	233.45	Mar. 27, 1972	93.65	<b>Well RX-77-31-703</b>	
<b>Well RX-77-24-801</b>		<b>Well RX-77-30-801</b>		Owner: Missouri Pacific Railroad	
Owner: Burns Ranch		Owner: E. O. Ehlert		Mar. 13, 1959	153.30
Apr. 21, 1959	0.51	1955	125	Nov. 17, 1960	151.37
Nov. 2, 1962	30.00	Apr. 1956	176	Feb. 10, 1961	155.33
Sept. 10, 1970	35.08	Mar. 30, 1959	149.13	Feb. 13, 1962	159.62
Apr. 7, 1971	37.20	Apr. 5, 1959	151.17	Dec. 19, 1962	184.28
Mar. 29, 1972	36.63	Dec. 19, 1962	193.38	Aug. 7, 1963	190.36
		Jan. 23, 1964	219.5	Sept. 25, 1963	179.93

**Table 3.—Water Levels in Selected Wells in La Salle County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well RX-77-31-703—Continued</b>		<b>Well RX-77-38-201—Continued</b>		<b>Well RX-77-38-901—Continued</b>	
Jan. 23, 1964	181.08	Feb. 10, 1961	91.28	Feb. 25, 1966	141.62
Feb. 3, 1965	193.19	Dec. 19, 1962	141.77	Feb. 28, 1966	140.68
Mar. 14, 1966	195.90	Jan. 22, 1964	178.06	Mar. 5, 1966	139.80
Mar. 9, 1967	208.49	Mar. 14, 1966	196.03	Mar. 10, 1966	139.55
Feb. 23, 1968	205.41	Feb. 23, 1968	171.24	Mar. 14, 1966	138.45
Feb. 14, 1969	216.02	Mar. 17, 1970	203.21	Mar. 20, 1966	138.21
Dec. 17, 1969	235.05	Apr. 4, 1972	258.77	Mar. 25, 1966	138.28
Mar. 25, 1970	226.13			Mar. 31, 1966	137.64
Apr. 7, 1971	230.62			Apr. 5, 1966	136.88
Mar. 29, 1972	232.68			Apr. 10, 1966	137.21
				Apr. 15, 1966	137.53
<b>Well RX-77-32-501</b>		<b>Well RX-77-38-901</b>		Apr. 20, 1966	137.16
Owner: Burns Ranch		Owner: H. L. Rymal		Apr. 25, 1966	137.09
		(Recorder well, recorder installed Oct. 7, 1965 and removed Jan. 31, 1971)		Apr. 30, 1966	137.18
Nov. 2, 1962	93.40	Apr. 10, 1969	72.15	May 5, 1966	137.02
Sept. 10, 1970	97.26	Feb. 8, 1965	139.10	May 10, 1966	136.48
Apr. 7, 1971	91.63	Sept. 21, 1965	151.24	May 15, 1966	136.24
Mar. 29, 1972	97.39	Oct. 6, 1965	150.95	May 20, 1966	136.22
		Oct. 7, 1965	150.93	May 25, 1966	136.12
		Oct. 10, 1965	151.36	May 31, 1966	136.22
		Oct. 15, 1965	150.91	June 5, 1966	138.39
		Nov. 18, 1965	148.32	June 10, 1966	139.26
		Nov. 20, 1965	148.00	June 15, 1966	140.23
		Nov. 25, 1965	147.67	June 20, 1966	141.75
		Nov. 30, 1965	147.69	July 26, 1966	146.65
		Dec. 5, 1965	147.32	July 31, 1966	146.98
		Dec. 10, 1965	147.14	Aug. 5, 1966	147.62
		Dec. 15, 1965	146.20	Aug. 10, 1966	148.62
		Dec. 20, 1965	146.22	Aug. 15, 1966	148.87
		Dec. 25, 1965	145.77	Aug. 20, 1966	149.11
		Dec. 31, 1965	145.52	Aug. 25, 1966	150.31
		Jan. 5, 1966	145.18	Aug. 31, 1966	149.78
		Jan. 10, 1966	144.54	Sept. 5, 1966	150.30
		Jan. 15, 1966	143.81	Sept. 10, 1966	150.09
		Jan. 20, 1966	143.53	Sept. 15, 1966	149.78
		Jan. 25, 1966	143.09	Sept. 20, 1966	149.79
		Jan. 31, 1966	143.36	Sept. 25, 1966	149.70
		Feb. 5, 1966	142.37	Sept. 30, 1966	149.70
		Feb. 10, 1966	143.33	Oct. 5, 1966	149.91
		Feb. 15, 1966	144.45		
		Feb. 20, 1966	142.53		
<b>Well RX-77-32-601</b>					
Owner: Burns Ranch					
1954	60				
Sept. 10, 1970	80.71				
Apr. 7, 1971	72.60				
Mar. 29, 1972	76.09				
<b>Well RX-77-37-301</b>					
Owner: H. G. Ritchie					
Feb. 12, 1965	160.05				
Mar. 25, 1966	145.50				
Mar. 9, 1967	156.82				
Feb. 23, 1968	157.33				
Feb. 6, 1969	160.13				
Dec. 17, 1969	178.88				
Mar. 13, 1970	164.34				
Apr. 7, 1971	177.70				
Apr. 4, 1972	199.39				
<b>Well RX-77-38-201</b>					
Owner: C. M. Dismukes					
Feb. 18, 1969	108.20				
Nov. 17, 1960	97.91				

Table 3.—Water Levels in Selected Wells in La Salle County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well RX-77-38-901—Continued		Well RX-77-38-901—Continued		Well RX-77-38-901—Continued	
Oct. 10, 1966	150.20	Apr. 20, 1967	163.79	Dec. 5, 1967	180.09
Oct. 15, 1966	150.10	Apr. 25, 1967	165.14	Dec. 10, 1967	179.29
Oct. 20, 1966	150.75	Apr. 30, 1967	164.89	Dec. 15, 1967	179.21
Oct. 25, 1966	151.29	May 5, 1967	165.31	Dec. 20, 1967	178.48
Oct. 31, 1966	151.76	May 10, 1967	166.33	Dec. 25, 1967	178.12
Nov. 5, 1966	151.74	May 15, 1967	167.41	Dec. 31, 1967	177.58
Nov. 10, 1966	151.89	May 19, 1967	168.14	Jan. 5, 1968	177.34
Nov. 15, 1966	152.47	May 25, 1967	168.89	Jan. 10, 1968	176.71
Nov. 20, 1966	152.67	May 31, 1967	170.97	Jan. 15, 1968	176.09
Nov. 25, 1966	152.27	June 5, 1967	172.84	Jan. 20, 1968	175.60
Nov. 30, 1966	152.13	June 10, 1967	175.20	Jan. 25, 1968	174.68
Dec. 5, 1966	151.91	July 20, 1967	181.25	Jan. 31, 1968	173.12
Dec. 10, 1966	152.49	July 25, 1967	181.53	Feb. 5, 1968	172.80
Dec. 15, 1966	152.58	July 31, 1967	183.64	Feb. 10, 1968	171.96
Dec. 20, 1966	152.83	Aug. 5, 1967	184.01	Feb. 15, 1968	171.45
Dec. 25, 1966	153.17	Aug. 10, 1967	184.68	Feb. 20, 1968	170.31
Dec. 31, 1966	153.02	Aug. 15, 1967	185.17	Feb. 25, 1968	170.09
Jan. 5, 1967	154.80	Aug. 20, 1967	185.29	Feb. 29, 1968	169.88
Jan. 10, 1967	154.00	Aug. 25, 1967	184.92	Mar. 5, 1968	169.11
Jan. 15, 1967	153.30	Aug. 31, 1967	184.82	Mar. 10, 1968	168.51
Jan. 20, 1967	153.81	Sept. 5, 1967	184.65	Mar. 15, 1968	168.32
Jan. 25, 1967	153.83	Sept. 10, 1967	184.78	Mar. 20, 1968	167.43
Jan. 31, 1967	154.14	Sept. 15, 1967	184.86	Mar. 25, 1968	166.88
Feb. 5, 1967	154.27	Sept. 20, 1967	184.46	Mar. 31, 1968	166.48
Feb. 10, 1967	154.63	Sept. 25, 1967	184.38	Apr. 5, 1968	165.87
Feb. 15, 1967	155.34	Sept. 30, 1967	184.16	Apr. 10, 1968	165.68
Feb. 20, 1967	155.81	Oct. 5, 1967	183.93	Apr. 15, 1968	165.62
Feb. 25, 1967	156.39	Oct. 10, 1967	183.70	Apr. 20, 1968	164.61
Feb. 28, 1967	156.38	Oct. 15, 1967	183.17	Apr. 25, 1968	164.53
Mar. 5, 1967	156.53	Oct. 20, 1967	183.16	Apr. 30, 1968	164.11
Mar. 10, 1967	157.24	Oct. 25, 1967	183.53	May 5, 1968	163.83
Mar. 15, 1967	158.52	Oct. 31, 1967	182.64	May 10, 1968	163.23
Mar. 20, 1967	158.86	Nov. 5, 1967	182.66	May 15, 1968	162.36
Mar. 25, 1967	159.42	Nov. 10, 1967	181.91	May 20, 1968	161.48
Mar. 31, 1967	160.57	Nov. 15, 1967	181.69	May 25, 1968	162.19
Apr. 5, 1967	161.62	Nov. 20, 1967	181.18	June 22, 1968	163.78
Apr. 10, 1967	162.47	Nov. 25, 1967	180.70	June 25, 1968	163.91
Apr. 15, 1967	163.22	Nov. 30, 1967	180.33	June 30, 1968	164.51

Table 3.—Water Levels in Selected Wells in La Salle County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well RX-77-38-901—Continued</b>		<b>Well RX-77-38-901—Continued</b>		<b>Well RX-77-38-901—Continued</b>	
July 5, 1968	165.62	Jan. 15, 1969	160.79	July 25, 1969	176.68
July 10, 1968	166.31	Jan. 20, 1969	160.46	July 31, 1969	179.33
July 15, 1968	167.03	Jan. 25, 1969	159.95	Aug. 5, 1969	181.87
July 20, 1968	167.87	Jan. 31, 1969	159.31	Aug. 10, 1969	183.80
July 25, 1968	168.84	Feb. 5, 1969	158.69	Aug. 15, 1969	185.77
July 31, 1968	170.31	Feb. 10, 1969	158.37	Aug. 20, 1969	183.83
Aug. 5, 1968	170.43	Feb. 15, 1969	157.92	Aug. 25, 1969	183.11
Aug. 10, 1968	170.73	Feb. 20, 1969	157.52	Aug. 31, 1969	184.71
Aug. 15, 1968	170.91	Feb. 25, 1969	157.54	Sept. 5, 1969	185.85
Aug. 20, 1968	171.44	Feb. 28, 1969	157.56	Sept. 10, 1969	184.48
Aug. 25, 1968	171.92	Mar. 5, 1969	157.04	Sept. 15, 1969	184.13
Aug. 31, 1968	172.30	Mar. 10, 1969	156.93	Sept. 20, 1969	185.39
Sept. 5, 1968	171.77	Mar. 15, 1969	156.42	Sept. 25, 1969	184.57
Sept. 10, 1968	171.11	Mar. 20, 1969	156.17	Sept. 30, 1969	183.98
Sept. 15, 1968	170.25	Mar. 25, 1969	156.11	Oct. 5, 1969	184.48
Sept. 20, 1968	170.17	Mar. 31, 1969	156.02	Oct. 10, 1969	182.74
Sept. 25, 1968	169.95	Apr. 5, 1969	156.14	Oct. 15, 1969	182.12
Sept. 30, 1968	169.51	Apr. 10, 1969	156.44	Oct. 20, 1969	181.32
Oct. 5, 1968	169.10	Apr. 15, 1969	156.49	Oct. 25, 1969	180.77
Oct. 10, 1968	168.50	Apr. 20, 1969	156.42	Oct. 31, 1969	179.85
Oct. 15, 1968	168.16	Apr. 25, 1969	156.27	Nov. 5, 1969	179.14
Oct. 20, 1968	168.00	Apr. 30, 1969	156.26	Nov. 10, 1969	178.42
Oct. 25, 1968	167.69	May 5, 1969	156.27	Nov. 15, 1969	177.95
Oct. 31, 1968	167.02	May 10, 1969	157.58	Nov. 20, 1969	178.24
Nov. 5, 1968	166.86	May 15, 1969	159.54	Nov. 25, 1969	177.13
Nov. 10, 1968	166.26	May 20, 1969	161.22	Nov. 30, 1969	176.42
Nov. 15, 1968	165.70	May 25, 1969	162.93	Dec. 5, 1969	175.25
Nov. 20, 1968	165.51	May 31, 1969	163.14	Dec. 10, 1969	174.73
Nov. 25, 1968	164.84	June 5, 1969	163.82	Dec. 15, 1969	174.24
Nov. 30, 1968	164.58	June 10, 1969	163.32	Dec. 20, 1969	173.42
Dec. 5, 1968	164.06	June 15, 1969	165.06	Dec. 25, 1969	172.90
Dec. 10, 1968	164.10	June 20, 1969	164.62	Dec. 31, 1969	172.26
Dec. 15, 1968	163.83	June 25, 1969	165.02	Jan. 5, 1970	171.43
Dec. 20, 1968	163.22	June 30, 1969	167.22	Jan. 10, 1970	170.72
Dec. 25, 1968	162.78	July 5, 1969	169.44	Jan. 15, 1970	170.16
Dec. 31, 1968	162.06	July 10, 1969	171.69	Jan. 20, 1970	169.57
Jan. 5, 1969	161.85	July 15, 1969	173.08	Jan. 25, 1970	168.84
Jan. 10, 1969	160.90	July 20, 1969	174.64	Jan. 31, 1970	168.02

Table 3.—Water Levels in Selected Wells in La Salle County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well RX-77-38-901—Continued</b>		<b>Well RX-77-38-901—Continued</b>		<b>Well RX-77-38-901—Continued</b>	
Feb. 5, 1970	167.59	Aug. 15, 1970	175.62	June 17, 1971	214.46
Feb. 10, 1970	167.87	Aug. 20, 1970	176.57	July 21, 1971	210.26
Feb. 15, 1970	166.65	Aug. 25, 1970	176.51	Aug. 19, 1971	208.28
Feb. 20, 1970	167.27	Aug. 31, 1970	176.11	Sept. 20, 1971	206.23
Feb. 25, 1970	166.90	Sept. 5, 1970	175.46	Nov. 22, 1971	198.36
Feb. 28, 1970	166.32	Sept. 10, 1970	175.28	Dec. 20, 1971	195.42
Mar. 5, 1970	165.20	Sept. 15, 1970	175.55	Jan. 20, 1972	197.88
Mar. 10, 1970	164.31	Sept. 20, 1970	174.64	Feb. 24, 1972	187.35
Mar. 15, 1970	163.76	Sept. 25, 1970	174.08	Mar. 20, 1972	191.60
Mar. 20, 1970	163.24	Sept. 30, 1970	173.33		
Mar. 25, 1970	162.93	Oct. 5, 1970	172.70	<b>Well RX-77-39-301</b>	
Mar. 31, 1970	162.22	Oct. 10, 1970	172.28	Owner: Miss Helen Storey	
Apr. 5, 1970	162.57	Oct. 15, 1970	172.17	Mar. 14, 1966	259.04
Apr. 10, 1970	164.85	Oct. 20, 1970	171.59	Mar. 10, 1967	277.74
Apr. 15, 1970	164.17	Oct. 25, 1970	171.03	Feb. 22, 1968	264.14
Apr. 20, 1970	164.00	Oct. 31, 1970	170.89	Feb. 12, 1969	276.80
Apr. 25, 1970	163.68	Nov. 5, 1970	170.81	Aug. 13, 1969	294.87
Apr. 30, 1970	163.53	Nov. 10, 1970	170.29	Mar. 25, 1970	281.85
May 5, 1970	163.78	Nov. 15, 1970	170.84	Apr. 6, 1971	326.63
May 10, 1970	163.75	Nov. 20, 1970	170.41	Apr. 6, 1972	305.35
May 15, 1970	164.60	Nov. 25, 1970	170.68		
May 20, 1970	165.39	Nov. 30, 1970	171.80	<b>Well RX-77-39-601</b>	
May 25, 1970	165.33	Dec. 5, 1970	171.84	Owner: H. D. Storey	
May 31, 1970	164.88	Dec. 10, 1970	172.69	1952	+ 2.0
June 5, 1970	164.63	Dec. 15, 1970	171.88	Apr. 24, 1959	71.40
June 10, 1970	164.28	Dec. 20, 1970	171.71	Nov. 16, 1960	71.64
June 15, 1970	165.10	Dec. 25, 1970	171.58	Feb. 10, 1961	70.78
June 20, 1970	165.62	Dec. 31, 1970	172.16	Feb. 13, 1962	72.75
June 25, 1970	165.97	Jan. 5, 1971	173.77	Dec. 19, 1962	76.61
June 30, 1970	166.35	Jan. 10, 1971	175.28	Jan. 23, 1964	80.00
July 5, 1970	167.49	Jan. 15, 1971	176.57	Feb. 2, 1965	82.94
July 10, 1970	170.27	Jan. 20, 1971	177.82	Mar. 14, 1966	80.06
July 15, 1970	171.91	Jan. 25, 1971	177.10	Mar. 10, 1967	78.43
July 20, 1970	172.03	Jan. 31, 1971	178.35	Feb. 22, 1968	78.62
July 25, 1970	173.03	Feb. 24, 1971	182.99	Feb. 12, 1969	80.92
July 31, 1970	173.92	Mar. 24, 1971	192.08	Dec. 16, 1969	78.14
Aug. 5, 1970	175.02	Apr. 19, 1971	206.84	Mar. 25, 1970	76.03
Aug. 10, 1970	175.11	May 19, 1971	204.11	Apr. 5, 1972	76.26

Table 3.—Water Levels in Selected Wells in La Salle County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well RX-77-39-709</b>		<b>Well RX-77-47-802—Continued</b>		<b>Well RX-77-48-602—Continued</b>	
Owner: Siller Brothers		Feb. 12, 1965	+ 0.35	Apr. 8, 1971	93.42
Sept. 9, 1970	46.57	Mar. 16, 1966	+ 13	Apr. 5, 1972	105.25
Apr. 6, 1971	56.35	Feb. 23, 1968	+ 15	<b>Well RX-77-56-202</b>	
Apr. 5, 1972	56.86	Feb. 12, 1969	2.72	Owner: Albert Martin	
<b>Well RX-77-40-303</b>		Dec. 16, 1969	+ 4.20	Aug. 1941	+ 56.20
Owner: Harriss Brothers Farm		Mar. 25, 1970	+ 4.18	Sept. 11, 1970	+ 35.24
Apr. 15, 1959	24.50	Apr. 8, 1971	+ 0.09	Apr. 5, 1972	+ 30.62
Nov. 16, 1960	23.32	Apr. 4, 1972	39.70	<b>Well RX-77-56-801</b>	
Feb. 10, 1961	21.80	<b>Well RX-77-48-301</b>		Owner: H. Coquat Estate	
Feb. 13, 1962	30.23	Owner: H. H. Fielder		May 1, 1959	+ 52
Feb. 2, 1965	85.95	May 17, 1956	+ 80.00	Nov. 15, 1960	+ 40
Mar. 16, 1966	88.69	Mar. 30, 1959	39.08	Feb. 2, 1965	+ 34
Mar. 10, 1967	87.37	Nov. 15, 1960	35.36	Mar. 25, 1966	+ 54
Feb. 23, 1968	88.21	Feb. 10, 1961	37.60	Mar. 10, 1967	+ 52
Feb. 12, 1969	90.28	Feb. 12, 1962	38.20	Feb. 22, 1968	+ 59
Dec. 16, 1969	119.26	Dec. 18, 1962	53.05	Feb. 11, 1969	+ 55
Mar. 19, 1970	110.33	Jan. 22, 1964	68.04	Mar. 19, 1970	+ 41.97
Apr. 7, 1971	122.26	Feb. 2, 1965	93.09	Apr. 8, 1971	+ 23.49
Mar. 28, 1972	128.13	Mar. 16, 1966	88.78	Apr. 5, 1972	+ 16.56
<b>Well RX-77-46-801</b>		Mar. 10, 1967	91.39	<b>Well RX-77-56-802</b>	
Owner: Otis Cox		Feb. 22, 1968	87.32	Owner: H. Coquat Estate	
Mar. 13, 1959	40.09	Feb. 12, 1969	107.36	Apr. 30, 1959	+ 66
Dec. 17, 1969	35.44	Dec. 16, 1969	116.47	Nov. 15, 1960	+ 49
Mar. 25, 1970	35.03	Mar. 19, 1970	112.52	Feb. 2, 1965	+ 63
Apr. 6, 1971	35.53	Apr. 8, 1971	119.21	Mar. 16, 1966	+ 79
Apr. 4, 1972	37.80	Mar. 29, 1972	132.44	Mar. 10, 1967	+ 58
<b>Well RX-77-46-804</b>		<b>Well RX-77-48-602</b>		Feb. 22, 1968	+ 70
Owner: George Crisp, Sr.		Owner: Ruth Reed Dyke Trust		Feb. 11, 1969	+ 65
Oct. 17, 1942	+ 8.5	Apr. 23, 1959	24.10	Mar. 19, 1970	+ 76.52
Sept. 11, 1970	4.37	Nov. 15, 1960	23.27	Apr. 8, 1971	+ 48.80
Apr. 6, 1971	4.39	Feb. 10, 1961	23.68	Apr. 5, 1972	+ 37.25
Apr. 4, 1972	3.98	Feb. 12, 1962	28.86	<b>Well RX-77-62-401</b>	
<b>Well RX-77-47-802</b>		Dec. 18, 1962	36.48	Owner: A. E. Schletze	
Owner: Sam Evans Estate		Jan. 22, 1964	47.53	Mar. 23, 1959	107.24
Apr. 26, 1959	+ 20	Mar. 16, 1966	64.92	Sept. 26, 1962	130.05
Jan. 23, 1964	+ 2.92	Mar. 10, 1967	68.38	Oct. 22, 1969	118.06
		Mar. 19, 1970	88.13		

Table 3.—Water Levels in Selected Wells in La Salle County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well RX-77-62-401—Continued</b>		<b>Well RX-78-18-702—Continued</b>		<b>Well RX-78-26-802—Continued</b>	
Sept. 10, 1970	123.33	Mar. 16, 1966	94.24	Feb. 10, 1961	+ 15.00
Apr. 6, 1971	113.00	Mar. 10, 1967	102.38	Dec. 18, 1962	+ 16.10
Apr. 4, 1972	115.77	Feb. 23, 1968	99.44	Feb. 2, 1965	17.97
<b>Well RX-77-64-401</b>		Feb. 12, 1969	101.18	Mar. 16, 1966	20.04
Owner: K. C. Miller		Mar. 19, 1970	114.16	Feb. 23, 1968	18.72
May 5, 1959	+ 2.3	<b>Well RX-78-25-601</b>		Dec. 15, 1969	53.10
Jan. 30, 1961	+ 11.5	Owner: Leroy Hindes		Mar. 19, 1970	33.48
Feb. 12, 1962	+ 9.4	Mar. 16, 1966	46.82	Apr. 7, 1971	55.65
Dec. 19, 1962	+ 8	Mar. 10, 1967	56.47	Mar. 29, 1972	59.99
Feb. 12, 1965	9.25	Feb. 23, 1968	53.29	<b>Well RX-78-41-301</b>	
Mar. 16, 1966	16.99	Feb. 12, 1969	55.98	Owner: — Kinley	
Mar. 9, 1967	22.81	<b>Well RX-78-25-803</b>		Apr. 23, 1959	73.17
Feb. 22, 1968	17.16	Owner: Dudley Storey, Jr.		Nov. 15, 1960	73.83
Feb. 11, 1969	18.84	Jan. 22, 1964	17.69	Feb. 10, 1961	75.30
Dec. 16, 1969	35.60	Feb. 2, 1965	35.65	Feb. 13, 1962	77.00
Mar. 25, 1970	36.47	Mar. 16, 1966	28.12	Dec. 18, 1962	86.84
Apr. 6, 1971	39.30	Feb. 23, 1968	24.68	Jan. 22, 1964	100.50
Apr. 4, 1972	56.83	Feb. 12, 1969	27.94	Feb. 2, 1965	118.15
<b>Well RX-78-18-702</b>		Mar. 25, 1970	56.23	Mar. 16, 1966	114.28
Owner: S. J. Williams		Apr. 7, 1971	71.75	Mar. 10, 1967	128.10
Apr. 21, 1959	25.80	Mar. 29, 1972	85.00	Feb. 23, 1968	119.59
Nov. 16, 1960	33.10	<b>Well RX-78-26-802</b>		Feb. 12, 1969	123.34
Feb. 10, 1961	32.47	Owner: Jess McNeel		Mar. 19, 1970	153.32
Feb. 13, 1962	35.40	May 26, 1959	+ 40.50	Apr. 7, 1971	151.88
Dec. 18, 1962	59.53	Nov. 17, 1960	+ 13.00	Mar. 29, 1972	159.63
Jan. 23, 1964	77.80				
Feb. 2, 1965	96.73				

LA SALLE COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)  
 Water-bearing unit: Kea, Edwards and associated limestones; Del, Wilcox Group; Ec, Carrizo Sand, Jr, Reklam Formation; Egc, Queen City Sand; Eh, Weches Formation; Eb, Sigford Formation; Eep, El Pico Clay; Es, Sparta Sand;  
 El, Laredo Formation; Ecm, Cook Mountain Formation; Ey, Yegua Formation; Ej, Jackson Group; Ec, Cotaboula Tuff; Mq, Gokville Sandstone; ML, Lagarto Clay; Qs, terrace gravel; Qal, alluvium.  
 Dissolved solids : The bicarbonate "reported" is converted by computation (multiplying by 0.6917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.  
 Analyses by Texas State Department of Health unless indicated by footnote.

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NI-TRATE (NO <sub>3</sub> )	AMMONIUM (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
EX-77-22-702	Ec	2,050	Aug. 15, 1969	20	--	26	8	104	5	298	53	27	0.7	< 0.4	--	391	104	625	7.6	67.2	4.43	2.80
2/ 801	El	252	May 28, 1963	16	3.0	131	72	* 499	--	432	504	588	--	.2	--	2,022	623	3,150	7.3	63.3	8.70	.00
801	El	252	Sept. 9, 1970	16	--	101	66	660	14	498	710	620	.9	< .4	--	2,431	520	3,510	7.9	72.6	12.57	.00
802	Ec	2,049	Aug. 15, 1969	20	--	25	9	105	5	295	53	27	.6	< .4	0.2	389	100	625	7.7	68.1	4.53	2.84
902	El	120	Sept. 9, 1970	38	--	182	74	271	7	303	216	580	.8	.41	--	1,557	760	2,470	7.4	43.5	4.28	.00
2/ 23-702	Ec	2,000	May 1, 1963	22	.13	22	8.6	110	5.0	276	58	30	.5	.2	.22	391	90	635	7.4	71.2	5.04	2.77
703	Ec	2,300	Nov. 4, 1969	20	--	21	9	108	4	295	51	26	.5	< .4	.2	384	87	616	7.8	71.8	5.03	3.10
903	--	--	Aug. 21, 1969	19	--	60	28	153	7	322	143	137	1.0	< .4	1.0	705	265	1,158	7.6	54.8	4.08	.00
2/ 24-801	Eb	1,400	Apr. 20, 1959	14	--	2.0	.2	* 555	--	790	141	297	--	.5	--	1,397	6	2,340	8.7	99.5	98.55	12.82
2/ 29-602	Ec	2,000	May 1, 1963	20	.02	8.0	4.4	177	2.9	322	78	58	.5	.2	.30	506	38	792	7.5	90.3	17.49	4.52
602	Ec	2,000	Aug. 14, 1969	19	--	10	7	164	3	303	75	55	.7	< .4	--	482	53	775	8.0	86.2	9.81	3.90
603	Ec	--	Aug. 13, 1969	19	--	14	7	154	3	300	69	53	.6	< .4	--	466	64	755	8.0	83.1	8.38	3.64
901	Ec	2,060	do	19	--	8	2	196	3	364	81	67	.7	< .4	.5	545	29	888	8.1	92.9	15.92	5.07
903	Ec	--	do	19	--	11	3	164	3	303	75	55	.6	< .4	--	479	42	775	7.9	88.6	10.99	4.12
2/ 30-201	Ec	2,000	May 28, 1963	22	.98	24	9.5	* 113	--	294	54	32	.5	.5	--	399	99	634	7.2	71.3	4.94	2.84
502	Ec	2,030	Aug. 15, 1969	21	--	16	9	138	4	301	66	43	.6	< .4	--	445	77	714	7.9	78.6	6.86	3.40
2/ 602	Ec	2,240	May 23, 1963	22	.05	13	6.5	139	4.1	303	65	40	.5	.0	.32	438	59	693	7.7	82.5	7.88	3.79
4/ 801	Ec	2,051	Feb. 28, 1957	--	--	15	99	138	--	354	90	82	--	--	--	--	--	--	--	--	--	--
801	Ec	2,051	Aug. 15, 1969	18	--	9	5	179	3	303	87	65	.7	< .4	.4	515	44	836	7.8	89.0	11.76	4.08
4/ 802	Ec	2,052	Feb. 16, 1957	--	--	13	26	159	--	360	76	77	--	--	--	527	8.07	--	--	71.3	5.86	3.11
2/ 802	Ec	2,052	Apr. 6, 1959	20	--	9.5	4.9	168	3.5	283	80	66	.5	.0	.23	491	44	818	7.9	88.4	11.08	1.77
802	Ec	2,052	Aug. 14, 1969	19	--	11	9	163	3	295	75	64	.7	< .4	--	489	63	785	8.0	84.1	8.91	3.58
2/ 31-102	El	200	May 1, 1963	13	--	115	111	* 722	--	294	1,570	310	--	.5	--	2,986	744	3,980	7.6	67.9	11.52	.00
2/ 301	El	500	Oct. 31, 1962	19	.56	65	33	* 290	--	382	299	212	.5	2.2	--	1,107	298	1,760	7.5	68.0	7.32	.31
2/ 502	Ec	2,340	July 10, 1956	21	--	8.0	4.9	159	3.8	298	75	49	--	.2	.24	467	40	763	8.1	88.5	10.94	4.09
2/ 602	El	160	May 28, 1963	15	4.7	218	78	* 290	--	282	604	450	.4	.0	--	1,793	865	2,690	6.5	42.2	4.29	.00
604	El	145	Sept. 9, 1970	23	--	650	208	620	30	239	1,140	1,730	.9	15	--	4,535	2,470	6,010	7.4	34.8	5.39	.00
2/ 702	Ec	2,360	May 23, 1963	14	.50	4.0	1.5	* 954	--	1,220	125	680	--	1.0	--	2,380	16	3,840	8.0	99.2	103.75	19.68
2/ 704	El	210	May 1, 1963	13	.31	140	98	372	--	316	1,020	170	.2	.0	--	1,968	752	2,640	7.4	51.8	5.90	.00
2/ 32-601	El	250	Apr. 20, 1959	18	--	54	28	* 292	--	413	311	157	.1	.5	--	1,063	250	1,680	7.4	71.8	8.04	1.78
601	El	250	Sept. 10, 1970	17	--	58	29	293	6	418	324	163	.4	< .4	--	1,096	265	1,690	7.8	70.1	7.83	1.07
2/ 37-301	Ec	2,030	May 29, 1963	19	.03	8.2	3.3	174	2.4	304	76	67	.3	.2	.33	499	34	814	7.4	91.1	12.98	4.32
38-101	Ec	--	Aug. 14, 1969	20	--	15	5	150	3	296	63	57	.6	< .4	--	458	57	750	7.9	84.4	8.70	3.73
102	Ec	2,108	do	19	--	12	8	157	3	298	66	59	.6	< .4	--	470	64	768	7.8	85.5	8.56	3.61

See footnotes at end of table.



LA SALLE COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
2/ RX-77-38-201	Ec	2,200	July 12, 1956	20	--	10	5.4	158	3.2	289	69	59	--	0.0	0.25	466	47	760	8.0	87.1	10.02	3.80
2/ 601	Ec	2,495	Oct. 23, 1942	--	--	1.0	1.3	* 229	--	330	89	101	--	0	--	583	8	--	--	98.5	35.21	5.26
2/ 701	El	145	May 28, 1963	25	0.73	282	52	* 95	--	240	618	200	0.8	0	--	1,390	918	1,900	6.9	18.4	1.36	.00
2/ 702	El	183	do	26	3.1	275	62	* 100	--	244	660	190	.9	.2	--	1,433	941	1,930	7.0	18.8	1.42	.00
2/ 801	El	380	May 29, 1963	18	.72	64	39	* 403	7.0	294	512	315	.5	1.5	1.6	1,504	320	2,300	6.8	72.7	9.80	.00
2/ 803	El	250	May 28, 1963	23	1.6	245	124	* 206	--	236	830	362	.5	.5	--	1,906	1,120	2,630	6.8	28.6	2.68	.00
2/ 903	El	265	do	17	.25	22	15	297	--	308	214	202	.4	0	--	918	116	1,520	7.1	84.7	11.97	2.72
2/ 39-102	El	385	May 29, 1963	19	5.7	109	73	250	13	450	584	118	.1	0	1.3	1,387	572	1,940	7.0	48.0	4.55	.00
2/ 301	Ec	2,775	Apr. 24, 1959	21	--	3.7	.7	308	2.9	563	100	93	--	0	.37	805	12	1,330	8.0	97.8	39.51	9.00
2/ 401	Ec	2,300	Sept. 15, 1942	--	.02	2.2	1.1	* 214	--	325	79	81	.1	0	--	571	10	--	8.4	97.90	29.44	5.39
2/ 401	Ec	2,300	May 11, 1945	--	--	--	--	--	--	--	--	79	--	--	--	--	--	--	--	--	--	--
2/ 402	Ec	2,483	Oct. 21, 1942	19	.04	2.3	1.6	* 230	--	380	84	78	.7	0	--	601	12	--	8.3	97.66	28.90	5.49
2/ 402	Ec	2,483	May 11, 1945	--	--	--	--	--	--	--	--	79	--	--	--	--	--	--	--	--	--	--
2/ 403	Ec	2,345	June 10, 1956	20	--	1.8	.6	251	2.0	331	100	121	.6	0	.49	665	7	1,080	8.4	98.3	41.27	5.46
2/ 404	Ec	2,347	Oct. 22, 1969	17	--	3	2	351	2	670	108	93	.9	< .4	--	905	16	1,430	8.4	97.7	38.81	10.81
2/ 701	El	500	Sept. 9, 1970	12	--	4	3	540	< 1	650	231	307	.9	< .4	--	1,417	20	2,250	8.2	98.4	53.10	10.23
2/ 707	El	525	June 17, 1959	13	.02	17	8.9	627	3.7	298	419	548	--	1.8	1.4	1,784	79	2,950	7.6	94.2	30.68	3.31
2/ 708	Ec	2,520	Sept. 11, 1970	19	--	3	2	219	< 1	344	78	96	.5	< .4	--	587	14	949	7.8	97.1	25.42	5.36
2/ 709	El	200	Sept. 9, 1970	17	--	54	36	351	4	287	419	269	.5	< .4	--	1,291	282	1,950	7.7	72.7	9.11	.00
2/ 40-305	Ec	2,740	Sept. 15, 1942	33	.01	3.2	1.2	* 228	--	332	91	88	.5	0	--	607	13	--	8.5	97.45	27.51	5.51
2/ 305	Ec	2,740	July 10, 1956	23	--	2.8	.5	336	2.9	604	98	92	1.4	0	.46	859	9	1,350	8.3	98.3	48.73	9.96
2/ 305	Ec	2,740	Oct. 22, 1969	20	--	3	1	393	2	770	106	98	1.2	< .4	--	1,001	14	1,560	8.3	98.1	45.67	12.42
2/ 46-801	El	600	Jan. 1, 1956	--	--	61	6	* 400	--	235	343	311	--	--	--	1,236	10.11	--	--	83.13	14.00	1.96
2/ 803	El	600	Mar. 20, 1957	--	--	36	23	466	--	293	407	368	--	--	--	1,446	11.17	--	--	84.0	14.59	1.35
2/ 803	El	600	May 25, 1959	15	.90	96	34	635	7.4	284	788	510	--	2.5	1.6	2,217	380	3,400	7.4	78.0	14.19	.00
2/ 804	Eb	1,900	Jan. 25, 1928	18	.07	8.7	4.6	1,352	8.3	970	509	1,170	--	3.3	--	3,549	41	--	--	98.3	92.41	15.71
2/ 804	Eb	1,900	Oct. 17, 1942	10	.12	8.7	4.5	* 669	--	1,014	521	79	3.2	--	--	1,789	40	--	8.4	97.3	46.01	15.63
2/ 804	Eb	1,900	Apr. 26, 1959	18	--	11	5.2	* 1,600	--	950	590	1,520	--	1.5	--	4,211	49	6,680	7.9	98.6	99.43	14.60
2/ 901	El	400	May 28, 1963	14	.70	46	23	* 482	--	210	470	422	.3	.5	--	1,560	210	2,470	7.2	83.3	14.49	.00
2/ 47-701	El	535	do	14	.13	5.0	1.4	* 638	--	586	420	345	1.0	.8	--	1,711	18	2,670	7.9	98.7	64.52	9.24
2/ 802	Ec	3,290	Apr. 26, 1959	25	--	5.0	.4	* 1,210	--	1,540	14	970	--	2.0	--	2,981	14	4,910	8.0	99.5	140.69	24.98
2/ 803	El	800	Oct. 21, 1942	--	--	3.2	1.1	* 470	--	287	281	326	--	0	--	1,250	12	--	--	98.8	57.84	5.39
2/ 803	El	800	May 28, 1963	14	.19	3.2	.5	* 457	--	368	276	292	.6	1.0	--	1,224	10	2,000	8.1	99.0	62.87	5.84
2/ 48-801	Ec	3,300	July 10, 1956	24	--	2.2	.1	286	2.2	440	109	118	--	.2	.52	745	6	1,270	8.5	98.6	50.79	7.10

See footnotes at end of table.

LA SALLE COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	FERRIC SODIUM	SAR	RSC		
3/ RK-77-55-701	EI	830	Oct. 21, 1942	--	--	2.4	0.9	* 443	--	350	290	272	--	0.0	--	1,180	10	--	--	99.0	62.52	5.55	
3/ 56-202	EI	1,150	Oct. 18, 1942	20	0.26	3.0	1.2	* 645	--	823	277	318	0.9	0	--	1,667	12	--	8.8	99.1	79.37	13.25	
2/ 202	EI	1,150	Sept. 11, 1970	15	--	7	3	910	< 1	720	490	660	1.1	1.0	--	2,440	29	3,740	8.4	98.6	73.88	11.33	
2/ 801	Ec	3,500	July 11, 1956	24	--	2.4	.5	603	3.7	1,010	164	210	--	.2	0.69	1,503	8	2,410	8.3	99.1	92.74	16.40	
2/ 802	EL	1,400	Apr. 2, 1959	18	--	1.8	.0	651	--	750	339	319	--	.5	--	1,698	4	2,740	8.6	99.7	133.50	12.23	
3/ 62-101	EI	466	May 29, 1963	17	1.4	87	52	* 396	--	304	620	280	.4	1.5	--	1,602	431	2,350	7.7	66.7	8.30	.00	
2/ 401	EI	750	Sept. 10, 1970	16	--	33	19	228	3	296	236	115	.6	< .4	--	795	161	1,240	7.8	75.1	7.83	1.65	
2/ 402	EI	500	Nov. 20, 1962	20	1.0	88	47	286	8.8	270	496	212	.4	.2	--	1,290	413	1,950	7.6	59.5	6.13	.00	
2/ 404	EI	250	Apr. 30, 1963	21	.37	89	41	* 272	--	312	428	198	.5	.0	--	1,202	390	1,820	7.7	60.2	5.99	.00	
2/ 701	EI	725	May 14, 1959	18	--	50	24	289	6.7	268	350	197	--	.5	.92	1,067	224	1,700	7.6	73.0	8.41	.00	
2/ 705	EI	500	Oct. 19, 1942	--	--	56	35	* 260	--	275	364	173	--	0	--	1,023	284	--	--	66.6	6.72	.00	
2/ 63-201	Ec	3,200	do	26	.06	2.1	1.0	* 443	--	741	104	179	.9	0	--	1,106	9	--	8.4	99.1	64.23	11.97	
2/ 201	Ec	3,200	Oct. 1942	--	--	--	--	--	--	742	103	176	--	--	--	--	--	--	--	--	--	--	--
2/ 201	Ec	3,200	July 13, 1972	25	--	2	3	433	3.0	760	106	178	1.5	1.5	--	1,130	19	1,710	8.1	97.7	43.16	12.09	
2/ 302	EI	1,300	Oct. 17, 1942	22	.05	2.0	.9	* 535	--	624	242	271	0	0	--	1,396	8	--	8.6	99.3	79.82	10.59	
2/ 64-102	By	1,000	Apr. 30, 1963	15	.04	2.2	2.6	1,130	--	912	568	800	--	1.2	--	2,966	16	4,660	8.0	99.4	122.90	14.64	
2/ 401	Ec	4,280	July 11, 1956	31	--	2.6	.4	486	4.1	909	56	175	--	.0	.86	1,201	8	1,920	8.3	98.8	74.74	15.15	
2/ 401	Ec	4,280	May 5, 1959	15	--	1.2	.0	473	3.9	924	35	171	--	.0	.45	1,153	3	1,930	8.8	99.2	118.82	15.09	
2/ 401	Ec	4,280	July 10, 1972	28	--	4	4	520	4	1,060	84	160	1.4	< .4	.8	1,330	26	1,960	8.0	97.3	44.51	16.92	
2/ 78-18-702	Ec	2,900	July 18, 1956	23	--	1.7	8.4	108	5.3	285	51	22	--	.0	.06	374	78	587	7.9	73.7	5.36	3.13	
2/ 25-501	Ec	3,000	May 22, 1963	18	.58	5.0	1.8	195	3.0	352	83	56	.5	1.0	.26	535	20	861	8.1	94.6	18.96	5.37	
2/ 601	Ec	3,015	do	22	.10	4.5	1.2	191	3.4	348	79	52	.5	.0	.16	524	16	830	8.1	95.3	20.77	5.38	
2/ 801	Ec	3,000	July 12, 1956	22	--	2.2	.4	210	2.0	341	85	70	--	.2	.30	560	7	916	8.5	98.0	34.55	5.12	
2/ 803	Ec	2,763	Oct. 1942	25	.02	2.4	1.2	* 207	--	309	87	68	.1	0	--	542	11	--	8.4	97.7	27.77	5.27	
2/ 803	Ec	2,763	Mar. 25, 1970	11	--	18	7	1,310	2	770	1,070	870	2.5	2.0	--	3,667	71	5,100	8.0	97.5	67.39	11.16	
2/ 804	Ec	2,750	Oct. 22, 1969	18	--	3	1	391	2	720	122	113	1.3	< .4	--	1,003	14	1,600	8.4	98.2	46.21	11.71	
2/ 26-701	Ec	3,400	May 22, 1963	22	.03	2.0	.7	207	1.5	348	86	64	.5	.0	.18	554	8	882	8.1	97.8	31.82	5.55	
2/ 801	Ec	3,300	May 22, 1963	22	.13	2.5	.5	219	1.7	372	88	66	.5	.0	.08	582	8	920	7.9	97.9	33.69	5.94	
2/ 802	Ec	3,400	July 12, 1956	23	--	1.8	.6	216	2.2	345	88	65	--	.0	.30	566	7	941	8.4	97.9	35.53	5.79	
2/ 802	Ec	3,300	Mar. 24, 1959	24	--	2.2	.8	225	--	335	93	75	.8	.0	.32	584	9	983	8.6	98.2	32.63	5.61	
2/ 34-101	By	400	Feb. 9, 1963	13	1.0	26	6.3	* 1,750	--	332	1,120	1,740	--	3.5	--	4,821	91	7,740	7.5	97.7	79.81	3.62	
2/ 202	Eb	1,857	May 11, 1945	37	.63	3.1	.7	933	13	1,440	192	422	4.4	1.0	--	2,354	10	3,660	8.0	98.69	125.26	24.78	
2/ 202	Eb	1,857	Apr. 15, 1959	18	--	2.0	.4	1,110	4.0	1,330	220	695	5.7	.5	2.1	2,753	6	4,460	8.5	95.5	189.41	23.31	
2/ 202	Eb	1,857	Dec. 16, 1969	15	--	2	2	1,100	2	1,260	212	700	5.4	< .4	--	2,651	15	4,260	8.9	99.3	125.03	23.63	

See footnotes at end of table.

LA SALLE COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

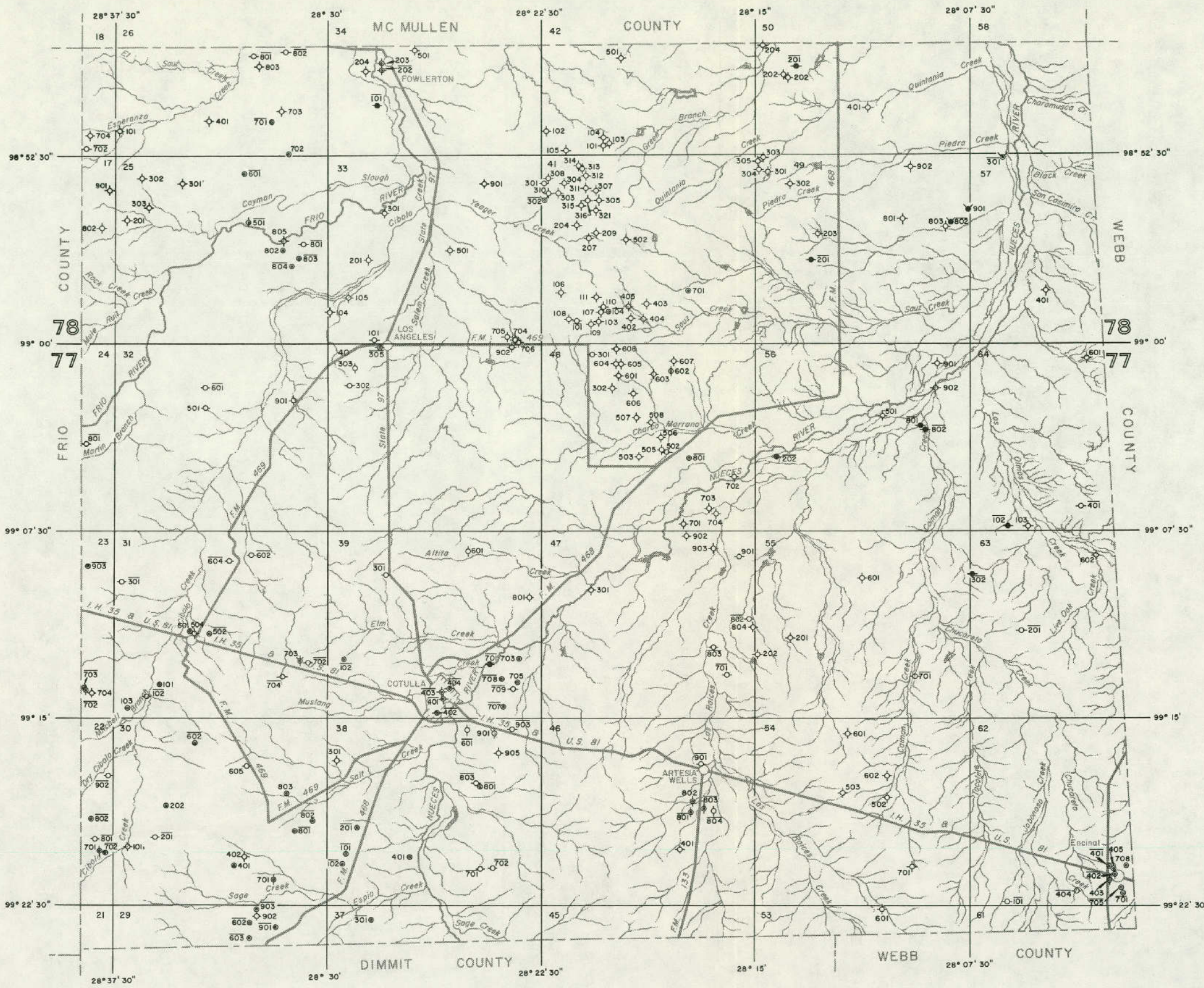
WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BI-CARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
2/ RX-78-41-101	Ec	3,300	July 10, 1956	26	--	1.4	0.4	233	1.9	378	81	82	--	0.5	0.38	612	5	1,010	8.4	98.5	65.35	6.10
2/ 104	Ec	3,200	May 29, 1963	26	0.13	2.0	.5	233	1.7	396	94	70	0.5	.0	.41	621	7	986	7.9	98.3	38.33	6.35
2/ 104	Ec	3,200	Oct. 22, 1969	25	--	2	1	225	2	390	94	70	.8	< .4	--	610	9	968	8.3	97.8	33.58	6.23
2/ 302	Ec	3,606	Apr. 23, 1959	24	--	3.5	.1	* 301	--	439	82	153	.6	.0	--	779	9	1,310	8.2	98.6	43.63	7.02
2/ 302	Ec	3,606	Oct. 21, 1969	24	--	3	1	317	2	426	83	174	.8	< .4	.8	828	14	1,350	8.4	97.7	36.80	7.32
2/ 49-201	Ec	3,900	May 13, 1959	25	--	3.2	.0	* 437	--	870	20	159	--	.0	--	1,070	8	1,790	8.1	99.2	67.21	14.11
2/ 802	Ec	4,200	May 14, 1959	28	--	4.2	.0	* 540	--	1,070	73	165	--	.0	--	1,336	10	2,170	8.6	99.1	72.49	17.34
2/ 50-201	Ec	3,900	May 13, 1959	28	--	4.8	.0	* 511	--	1,070	.6	171	1.4	.0	--	1,240	12	2,040	7.8	98.9	64.17	17.51
2/ 57-301	Ec	1,350	Oct. 31, 1962	18	--	3.5	.9	* 1,080	--	952	226	950	--	1.0	--	2,746	12	4,540	7.9	99.5	135.62	15.37

\* Sodium and potassium calculated as sodium (Na).  
 1/ Includes the equivalent of any carbonate (CO<sub>3</sub>) present.

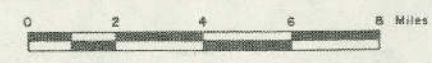
LABORATORY CONDUCTING ANALYSIS:  
 2/ U.S. Geological Survey Laboratory.  
 3/ Laboratory unknown.  
 4/ Texas Agriculture Experimental Station.







- EXPLANATION**
- ⊕ Public supply well
  - ⊕ Industrial well
  - ⊕ Irrigation well
  - Domestic or livestock well
  - ◇ Oil or gas well
  - ⊕ Test hole
  - ⊕ Unused or abandoned well
  - Solid circle indicates flowing well
  - ⊕ Line above well number indicates chemical analysis given in Table 4



Location of Selected Water, Oil, and Gas Wells in La Salle County





## LIVE OAK COUNTY (NORTHERN PART)

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in remarks column.

Water level : Reported water levels given in feet; measured water levels given to the nearest centh or hundredth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; CF, centrifugal; E, electric; G, gasoline, butane, or Diesel engine; H, hand; J, jet; M, none; Ng, natural gas; T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic; ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.  
 Water-bearing unit : Kea, Edwards and associated limestones; Ewi, Wilcox Group; Ec, Carrizo Sand; Er, Reklaw Formation; Eqc, Queen City Sand; Ew, Weches Formation; Eb, Bigford Formation; Eep, El Pico Clay; Es, Sparta Sand; El, Laredo Formation; Ecm, Cook Mountain Formation; Ey, Yegua Formation; KJ, Jackson Group; Mc, Catahoula Tuff; Mo, Oakville Sandstone; Ml, Lagarto Clay; Qt, terrace gravel; Qal, alluvium.

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM-ETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* EJ-78-23-502	Rumble Oil and Refining Co.	Layne-Texas Co.	1948	4,842	10 6 4	280 4,710 4,842	Ec	355	+ 13.35 + 7.93 + 3.31	Apr. 6, 1970 Apr. 23, 1971 Apr. 11, 1972	Flows	N	Well A-4 in Texas Board of Water Engineers Bulletin 6105. Perforated from 4,689 to 4,789 ft. Unused industrial well. Temp. 150°F. Observation well. <u>Y Y Y</u>
39-904	Goliad Corp.	do	1960	232	20	230	No	248	142.2 156.80	Jan. 14, 1957 Mar. 27, 1970	T, E 30	Ind	Screened from 218 to 230 ft. Historical observation well. <u>Y</u>

\* For chemical analyses of water, see Table 4.

1/ Drillers' log in files of the Texas Water Development Board.

2/ Mechanical logs in files of the Texas Water Development Board.

3/ For water-level measurements from observation wells, see Table 3.

## LIVE OAK COUNTY (NORTHERN PART)

**Table 2.—Selected Oil, Gas, and Stratigraphic Tests**

Type Log: D, Drillers'; E, Electric; R, Radioactive; S, Sample.  
Logs in Texas Water Development Board files.

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
SJ-78-23-206	H. R. Smith and Gulf Oil Corp.	J. M. Ponder No. 1	1947	4,329	373	E
701	H. L. Massingill and Wilcox Oil Co.	P. Taylor No. 1	1948	6,250	280	E
24-102	Ryan, Hays and Burke	— Stolte No. 1	1950	8,006	329	E
701	Henderson Coquat	C. Nelson Estate No. 1	1944	7,015	341	E
31-401	Ryan and Abbott	Etta Terrell No. 1	1950	7,517	165	E
901	Argo Oil Corp.	— Schulz No. 1	1949	9,507	283	E
32-802	Kirkwood Drilling Co.	W. J. Templin No. 1	1964	7,285	281	E
38-201	Charles E. Fraser	Ila Atkinson No. 1	—	7,018	180	E
40-701	F. William Carr	Albert West No. B-1	1958	7,963	135	E



# LIVE OAK COUNTY (NORTHERN PART)

**Table 3.—Water Levels in Selected Wells**

Water-level measurements, in feet, above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well SJ-78-23-502</b>		<b>Well SJ-78-39-904</b>		<b>Well SJ-78-39-904—Continued</b>	
Owner: Humble Oil and Refining Co.		Owner: Gollad Corp.		Feb. 21, 1967	156.20
Apr. 8, 1970	+ 13.55	Jan. 14, 1957	142.2	Feb. 11, 1968	155.31
Apr. 23, 1971	+ 7.93	Mar. 19, 1964	158.06	Mar. 17, 1969	154.82
Apr. 11, 1972	+ 3.31	Feb. 26, 1965	158.78	Mar. 27, 1970	156.80
		Feb. 21, 1965	155.44		

## LIVE OAK COUNTY (NORTHERN PART)

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Kca, Edwards and associated limestones; Dwl, Wilcox Group; Ec, Carrizo Sand; Er, Reklaw Formation; Eqs, Queen City Sand; Ew, Weches Formation; Eb, Bigford Formation; Ecp, El Pico Clay; Es, Sparta Sand; El, Laredo Formation; Eem, Cook Mountain Formation; Ey, Yegus Formation; Ej, Jackson Group; M, Calabouls Tuff; Mo, Oakville Sandstone; Ml, Lagarto Clay; Qt, terrace gravel; Qal, alluvium.

Dissolved solids : The bicarbonate "reported" is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.

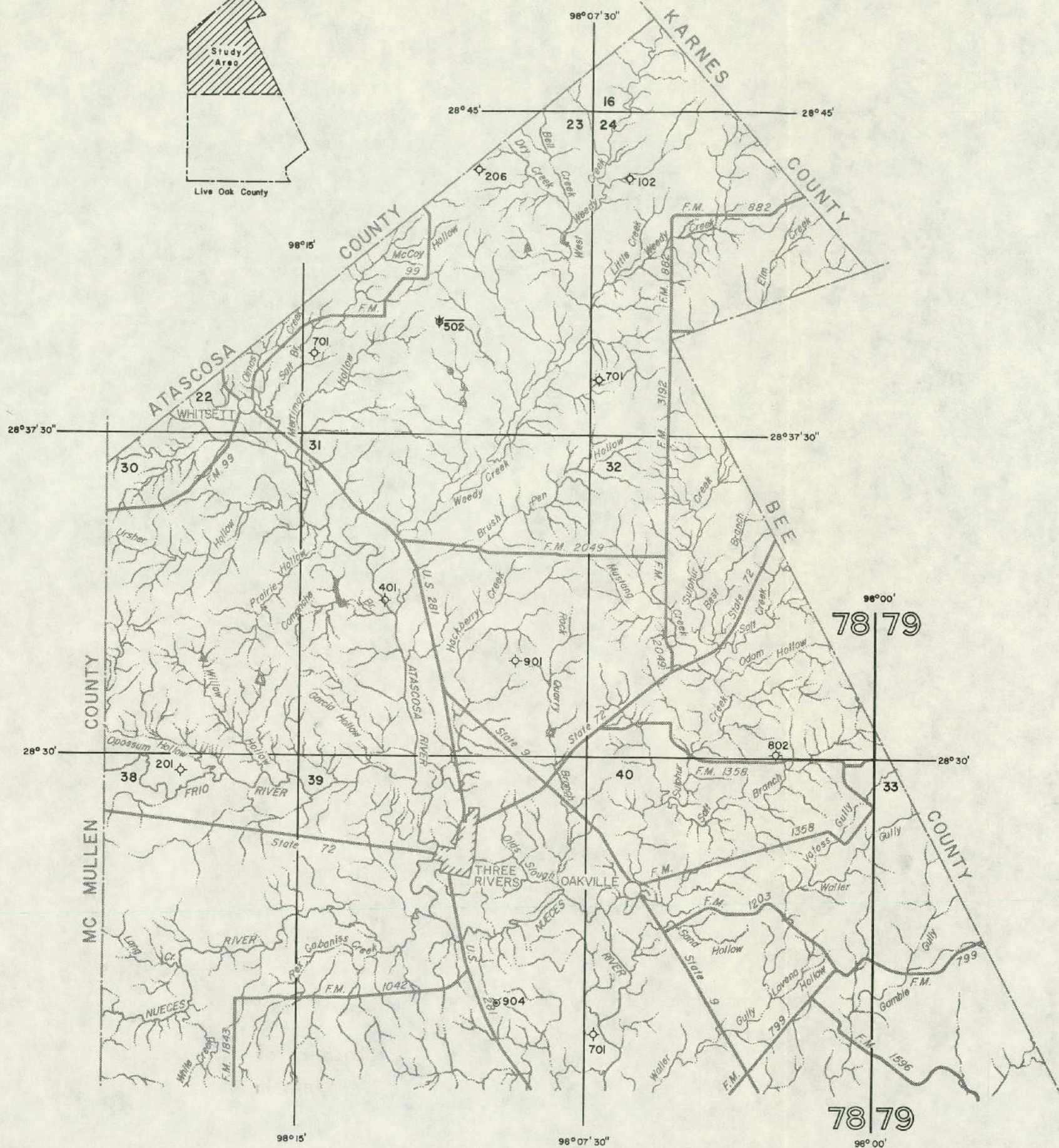
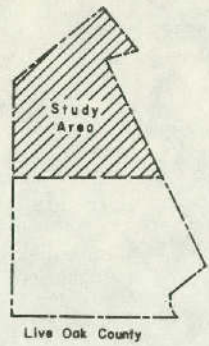
Analyses by Texas State Department of Health unless indicated by footnote.

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BI-CARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
SJ-78-23-502	Ec	4,842	Feb. 17, 1970	36	--	4	1	386	4	850	12	107	1.2	< 0.4	--	967	15	1,540	8.5	97.7	44.12	13.63
502	Ec	4,842	July 14, 1972	37	--	4	3	399	4	890	13	112	1.2	< .4	--	1,010	22	1,510	8.2	97.0	36.94	14.17

\* Sodium and potassium calculated as sodium (Na).

† Includes the equivalent of any carbonate (CO<sub>3</sub>) present.





EXPLANATION

- Public supply well
- Industrial well
- Irrigation well
- Domestic or livestock well
- Oil or gas well
- Test hole
- Unused or abandoned well
- Solid circle indicates flowing well
- Line above well number indicates chemical analysis given in Table 4



Location of Selected Water, Oil, and Gas Wells in Northern Live Oak County





MC MULLEN COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in remarks column.

Water level: Reported water levels given in feet; measured water levels given to the nearest tenth or hundredth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; Cf, centrifugal; E, electric; G, gasoline, butane, or Diesel engine; H, hand; J, jet; N, none; Ng, natural gas; T, turbine; W, windmill. Number indicates horsepower.  
 Use of water: D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.  
 Water-bearing unit: Kea, Edwards and associated limestones; Mt, Milcox Group; Ne, Carrizo Sand; Er, Eureka Formation; Egc, Queen City Sand; Ev, Vedras Formation; Kb, Bigford Formation; Esp, El Pico Clay; Es, Sparta Sand; El, Laredo Formation; Ecm, Cook Mountain Formation; Ey, Yegua Formation; Ej, Jackson Group; Ma, Cretaceous Tuff; Mo, Oakville Sandstone; Ml, Lurgarto Clay; Qt, terrace gravel; Qal, alluvium.

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* BU-78-20-801	Sam Countiss	Lawrence and Joe Suirec	1948	2,300	8	--	Egc	315	--	--	Flows, T, E	D, S	Reported flow of 20 gpm in 1962. Temp. 106°F. <u>4</u>
* 21-801	Adolph Foenisch	Far West Drilling Co.	1950	3,600	5	3,600	Ec, Bot	390	+ 22 62.57	Mar. 23, 1959 Apr. 3, 1972	Sub, E 1/3	D, S	Perforated from 2,500 to 3,590 ft. Reported flow of 135 gpm in 1959. Temp. 120°F. Observation well. <u>3</u> <u>4</u>
* 26-502	James L. Donnell	--	1914	2,105	--	2,105	Egc	373	+ 2.33 + 3.70	Sept. 9, 1970 Apr. 3, 1972	J, E 1/2	D, S	Temp. 94°F. Observation well. <u>3</u> <u>4</u>
* 601	Jess McNeel	-- Haron	1946	3,300	7	3,300	Ec	365	14.82 31.77	Feb. 1, 1965 Apr. 4, 1972	T	N	Slotted from 2,700 to 3,300 ft. Reported flow of 350 gpm in 1956. Unused livestock well. Temp. 118°F. Observation well. <u>3</u> <u>4</u>
27-303	Murray Franklin	Pan American Petroleum Co.	1963	3,706	10	60 5 3,689	Ec	394	35.92 76.36	Feb. 1, 1965 Apr. 3, 1972	N	N	Perforated from 3,330 to 3,365 ft and 3,375 to 3,390 ft. Observation well. <u>3</u> <u>4</u>
* 502	John Gunn	Humble Oil and Refining Co.	1956	1,985	5	1,985	Egc	336	+ 36.5	Apr. 14, 1959	Flows	S	Oil test converted to water well. Perforated from 1,880 to 1,888 ft, 1,910 to 1,930 ft, 1,946 to 1,954 ft, and 1,965 to 1,973 ft. Temp. 96°F. <u>3</u> <u>4</u>
* 503	Bernice Faucett	McKinley Drilling Co.	1962	3,560	8	3,560	Ec	379	10.50 74.68	Aug. 7, 1963 Mar. 23, 1972	T, E S	D, S	Perforated from 3,412 to 3,532 ft. Flowed until 1963. Pump set at 131 ft. Reported yield of 143 gpm. Temp. 108°F. Observation well. <u>3</u> <u>4</u>
* 28-101	Claude Franklin	Turner and H. and J. Drilling Co.	1962	3,998	--	3,998	Ec	313	+ 81.5 + 21.48	Apr. 23, 1963 Apr. 3, 1972	Flows, J, E	D, S	Oil test drilled to 5,998 ft, plugged back to 3,998 ft, and converted to water well. Reported flow of 1,000 gpm in 1963. Temp. 118°F. Observation well. <u>3</u> <u>4</u>
* 303	Lewis M. Gubbels Estate	Humble Oil and Refining Co.	1954	2,000	6	2,000	Egc	281	+110.0 +109.0	Apr. 15, 1959 May 21, 1963	Flows	N	Oil test drilled to 10,182 ft, plugged back to 2,000 ft, and converted to water well. Perforated from 1,880 to 1,900 ft, 1,910 to 1,930 ft, 1,940 to 1,960 ft, and 1,975 to 1,995 ft. Reported flow of 600 gpm in 1959. Temp. 120°F. <u>3</u> <u>4</u>
* 501	Murray Franklin	Gilcrease Oil Co.	1958	3,920	4	3,920	Ec	335	+ 57 19.33	Mar. 10, 1959 Apr. 3, 1972	Sub, E 1/2	D, S	Oil test drilled to 6,015 ft, plugged back to 3,920 ft, and converted to water well. Perforated from 3,730 to 3,750 ft. Reported flow of 53 gpm in 1959. Temp. 127°F. Observation well. <u>3</u> <u>4</u>
* 601	Lewis M. Gubbels Estate	McKinley Drilling Co.	1956	2,765	7	--	Egc	285	+105.20 +101.64	Sept. 8, 1970 Apr. 3, 1972	Flows	D, S	Temp. 98°F. Observation well. <u>3</u> <u>4</u>
* 602	James F. Reark	Stanolind Oil and Gas Co.	1949	4,560	9 7	738 4,560	Ec	288	+ 64.0 + 40.96	Feb. 1, 1965 Apr. 3, 1972	Flows, Cf, E	Irr	Oil test drilled to 5,202 ft, plugged back to 4,560 ft, and converted to water well. Perforated from 3,680 to 3,730 ft and 3,800 to 3,830 ft. Reported flow of 120 gpm in 1959. Observation well. <u>3</u> <u>4</u>
* 603	do	Rowan and Hope	1949	3,830	8	3,830	Ec	309	+114.0 + 89.7	Mar. 25, 1959 Apr. 23, 1963	Flows, Cf, E	Irr	Oil test drilled to 5,792 ft, plugged back to 3,830 ft, and converted to water well. Perforated from 3,680 to 3,730 ft and 3,800 to 3,830 ft. Reported flow of 150 gpm in 1959. Temp. 125°F. <u>3</u> <u>4</u>
* 702	Elton Henry	Stanolind Oil and Gas Co.	1948	4,046	4	--	Ec	342	+ 0.10 51.71	Feb. 1, 1965 Apr. 4, 1972	N	N	Oil test drilled to 14,046 ft, plugged back to 4,046 ft, and converted to water well. Reported flow of 14 gpm in 1959. Observation well. <u>3</u> <u>4</u>
* 29-601	Jambers Ranch	--	1912	200	8	--	Ej	298	--	--	Flows	S	Reported flow of 20 gpm in 1959. Temp. 85°F. <u>4</u>

See footnotes at end of table.

MC MULLEN COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* SU-78-29-603	Jambers Ranch	--	1902	859	--	--	Ej	272	--	--	Flows	S	Reported flow of 30 gpm in 1959. Temp. 93°F. <i>y</i>
* 604	do.	--	1902	750	12	--	Ej	272	--	--	Flows	S	Reported flow of 10 gpm in 1959. Temp. 94°F. <i>y</i>
* 30-702	Bergman and Keris	--	1934	110	6	--	Ej	261	70	Apr. 22, 1963	C, M	D, S	Oil test drilled to 960 ft, plugged back to 110 ft, and converted to water well. <i>y</i>
* 34-302	C. S. Montgomery	John Mortimer Hartsell	1945	106	6	--	Ey	325	49.0	Feb. 19, 1959	C, W	S	Temp. 81°F. <i>y</i>
* 303	W. A. Montgomery	Clarence Homer Brown	1959	500	4	106	Ey	324	3	Nov. 27, 1962	J, U	S	<i>y</i>
* 304	G. Norton	G. Norton	--	65	48	--	Qal	278	--	--	J, E	D, S	Dug well. Temp. 81°F. <i>y</i>
* 305	C. M. Robbins	Lawrence and Joe Swierc	1954	701	4	701	Ey	297	--	--	Flows	S	Reported flow of 3 gpm in 1962. Temp. 82°F. <i>y</i>
* 35-602	E. J. Martin	Baltimore Corp.	1922	3,500	6	2,000	Ec	280	--	--	Flows	D, S	Perforated. Reported flow of 350 gpm in 1959. Temp. 117°F. <i>y</i>
* 36-201	City of Tilden	Layne-Texas Co.	1949	4,250	7	--	Ec	248	+159.0	Mar. 3, 1959	Flows	F	Reported flow of 1,000 gpm in 1959. Temp. 144°F. <i>y y</i>
* 203	C. Wheeler	--	1959	4,100	5	--	Ec	240	--	--	Flows	D, S	Reported flow of 850 gpm in 1962. Temp. 144°F. <i>y</i>
* 601	R. Horton	Amerada Petroleum Corp.	1956	4,863	5	4,863	Ec	352	--	--	--	--	Oil test drilled to 10,005 ft, plugged back to 4,863 ft, and converted to water well. <i>y</i>
* 901	J. H. Dickinson	Standard Oil Co. of Texas	1955	4,800	5	3,800	Ec, Dwi	351	+ 66.5	Apr. 15, 1959	Flows	D, S	Oil test drilled to 12,002 ft, plugged back to 4,800 ft, and converted to water well. Perforated from 4,400 to 4,480 ft and 4,500 to 4,590 ft. Reported flow of 197 gpm in 1959. Temp. 149°F. <i>y y</i>
* 902	Transcontinental Pipeline Co.	Layne-Texas Co.	1958	4,715	14	365	Ec	349	+ 60	Feb. 1958	T, E	Ind	Screened from 4,490 to 4,590 ft and 4,605 to 4,675 ft. Reported flow of 350 gpm in 1962. Development test: Drawdown of 165 ft while pumping 812 gpm for 12 hours on Feb. 27, 1958. Temp. 148°F. Observation well. <i>y y</i>
* 37-103	J. A. Bracken	Brackeen Production Co.	1956	5,200	7	4,491	Ec	340	+ 50	Mar. 25, 1959	Sub, E	D, S	Oil test drilled to 6,682 ft, plugged back to 5,200 ft, and converted to water well. Open hole from 4,491 to 5,200 ft. Reported flow of 472 gpm in 1959. Temp. 144°F. Observation well. <i>y y</i>
* 303	C. R. Byrne	-- Byrne	1930	70	6	4	Ej	194	25.63	May	C, W	D	<i>y</i>
* 38-101	McMullen County Water District	Standard Oil Co. of Texas	1956	5,400	7	--	Ec	228	+118.5	Jan. 28, 1965	Flows	F	Oil test drilled to 12,603 ft, plugged back to 5,400 ft, and converted to water well. Perforated from 4,860 to 4,910 ft. Observation well. <i>y y y</i>
* 42-902	Dolph Briscos	Quintana Petroleum Co.	1942	4,150	5	4,150	Ec	332	+ 52.2	Apr. 14, 1959	N	N	Oil test converted to water well. Perforated from 4,100 to 4,150 ft. Reported flow of 70 gpm in 1942. Observation well. <i>y y</i>
* 43-401	do.	Phillips Petroleum Co.	1952	6,280	7	6,280	Ec	339	+ 50	Apr. 14, 1959	Flows	S	Oil test drilled to 16,509 ft, plugged back to 6,280 ft, and converted to water well. Perforated from 4,185 to 4,610 ft. Reported flow of 900 gpm in 1959. Temp. 140°F. <i>y y</i>
* 44-402	Will Kay	--	1946	108	5	108	Ej	245	50.1	July 15, 1959	C, W	S	Perforated. Temp. 84°F. <i>y</i>
* 501	L. H. Looney	-- Looney	1948	64	4	64	Ej	247	35	July 1959	C, W	D, S	<i>y</i>

See footnotes at end of table.

MC MULLEN COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* SU-78-44-602	H. P. Brown	--	1900	30	48	20	Qa1	188	18.6	May 21, 1963	C, W	S	Dug well. Temp. 79°F. <i>g</i>
* 46-102	Ezzel Unit Water Well	Persley Water Wells	1954	1,152	7	1,152	Ej	180	--	--	Flows	Ind	Water used to repressure gas field. Perforated from 1,090 to 1,122 ft. Reported flow of 146 gpm in 1963. Temp. 100°F. <i>g</i>
* 103	R. L. Reagan	Bade Drilling Co.	1938	140	4	140	Mc	267	99.5	June 22, 1959	C, W	S	Perforated from 122 to 124 ft. <i>g</i>
* 401	do.	Fohler Drilling Co.	1936	130	2	130	Mc	330	113.1	do.	C, W	S	Temp. 83°F. <i>g</i>
* 51-201	A. J. Flowers	A. J. Flowers	1956	5,050	10	5,050	Ec	248	--	--	Flows	D, S	Oil test drilled to 5,050 ft and converted to water well. Perforated from 4,750 to 5,050 ft. Reported flow of 800 gpm in 1959. Temp. 149°F. Historical observation well. <i>g</i>
* 302	E. L. Miles	E. L. Miles	1928	24	48	--	Qa1	222	20	Nov. 1962	Sub, E	D, S	Dug well. <i>g</i>
* 52-602	Murray Holland	--	1930	225	4	--	Mc	375	--	--	C, W	S	<i>g</i>
* 801	M. J. Massey	Manuel Rogere	1910	287	6	200	Mc	375	--	--	C, W	D, S	Do.
* 909	R. A. Atkinson	Charles Wright	1920	120	5	120	Mc	450	98.2	July 15, 1959	C, E	D, S	Do.
									73.5	Nov. 27, 1962			
* 905	Murray Holland	Stanolind Oil and Gas Co.	--	350	4	--	Mc	465	--	--	C, W	S	Drilled as test hole and converted to water well. <i>g</i>
* 53-101	D. Rhodes	--	1944	180	5	180	Mc	345	167.25	June 21, 1959	C, W	S	Perforated. Temp. 82°F. <i>g</i>
* 202	Tom Sclifton	Walton Brothers	1962	301	6	301	Mc	332	155.4	Dec. 1, 1962	T, E	D, S	<i>g</i>
* 401	Murray Holland	--	1937	180	4	22	Mc	375	80.7	Apr. 13, 1959	C, W	D, S	Do.
* 402	D. Rhodes	--	--	136	6	136	Mc	385	101.34	June 21, 1959	C, W	S	<i>g</i>
* 501	do	--	1930	200	5	200	Mc	430	193.65	do.	C, W	S	Oil test converted to water well. Perforated. Temp. 85°F. <i>g</i>
* 601	do	--	1939	100	6	100	Mc	375	--	--	C, W	S	Perforated. Temp. 81°F. <i>g</i>
* 602	do	--	1915	90	5	90	Mc	410	--	--	C, W	D, S	Perforated. <i>g</i>
* 603	do.	--	1949	240	6	240	Mc	415	--	--	C, W	S	Do.
* 702	T. J. Martin	--	1956	70	5	--	Mc	450	57.9	Apr. 29, 1959	C, W	S	<i>g</i>
* 906	D. Rhodes	--	1937	90	5	90	Mc	464	67.15	June 21, 1959	C, W	S	Temp. 77°F. <i>g</i>
* 54-402	do	--	--	100	--	100	Mc	390	--	--	Sub, E	S	Temp. 81°F. <i>g</i>
* 60-201	E. V. Acker	--	1937	350	4	350	Mc	450	--	--	C, E	S	<i>g</i>
* 205	John Martin	Sub Malley	1951	250	5	210	Mc	422	100	Nov. 28, 1962	C, W	D, S	Do.
* 302	W. Atkinson	--	1919	365	5	365	Mc	508	--	--	C, W	S	Perforated from 355 to 365 ft. <i>g</i>
* 502	John Martin	--	1910	200	4	--	Mc	410	151.5	Nov. 28, 1962	C, W	S	Temp. 81°F. <i>g</i>
* 601	W. Atkinson	--	1948	485	7	485	Mc	545	--	--	C, W	S	Perforated. Temp. 86°F. <i>g</i>
* 61-202	D. Rhodes	--	--	100	5	100	Mc	460	91.8	June 21, 1959	C, W	S	Temp. 80°F. <i>g</i>
* 301	do.	--	1934	120	5	120	Mc	500	79.67	do.	C, W	S	Perforated. Temp. 79°F. <i>g</i>

See footnotes at end of table.

MC MULLEN COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* SU-78-61-401	W. Atkinson	--	1954	485	4	485	Mc	530	241.1	July 15, 1959	C, W	S	Perforated from 475 to 485 ft. Temp. 85°F, <sup>4</sup>
* 62-102	T. J. Martin	-- Miller	1949	73	5	--	ML	435	--	--	C, E L	D, S	<sup>4</sup>

\* For chemical analyses of water, see Table 4.

<sup>1</sup> Drillers' log in files of Texas Water Development Board.

<sup>2</sup> Mechanical logs in files of the Texas Water Development Board.

<sup>3</sup> For water-level measurements from observation wells, see Table 3.

<sup>4</sup> Well also appears in Texas Water Commission Bulletin 6520, "Ground-Water Resources of La Salle and McMullen Counties, Texas," 1965.



# MC MULLEN COUNTY

## Table 2.—Selected Oil, Gas, and Stratigraphic Tests

Type Log: D, Drillers'; E, Electric; R, Radioactive; S, Sample.  
Logs in Texas Water Development Board files

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
SU-78-20-701	S. F. Hurlbut, et al.	H. D. Countiss No. 1	1944	5,782	309	E
702	Kirkwood and Morgan	H. D. Countis 1-32	1952	6,022	321	E
21-802	Santa Clara Oil Co.	Volney M. Brown, et al. No. 1-A	1945	6,310	371	E
803	Hassie Hunt Trust	Adolph Poenisch No. 1	1952	6,524	386	E
901	Santa Clara Oil Co.	V. M. Brown No. 1	1945	6,415	365	E
26-503	Jess McNeel	Jess McNeel No. 2	1946	3,205	355	E
27-201	Shell Oil Co.	M. Franklin, Jr. No. 1	1952	5,700	422	E
301	Kirkwood and Morgan	Lena Franklin No. 1	1958	5,556	388	E
302	Hamill and Smith	R. S. Franklin No. 1	1938	3,510	354	E
401	Maguire and Del Mar Drilling Co.	Lena Franklin, et al. No. 1	1958	10,506	373	E
601	Homer S. Head, et al.	Wheeler and Wheeler No. 1	1948	6,017	356	E
901	Crown Central Petroleum Co.	D. J. Dolan No. 1	1941	5,516	316	E
902	Sutton Producing Co.	E. J. Dolan No. 1-A	1962	11,009	325	E
28-201	Rowan and Hope and M. L. Massingill	Tom Franklin No. 1	1949	4,432	296	E
304	Humble Oil and Refining Co.	Louis Gubbels No. B-1	1954	11,010	271	E
305	do.	Louis M. Gubbels No. 3	1954	5,842	267	E
306	do.	Louis M. Gubbels No. 10	1960	6,304	273	E
307	The Atlantic Refining Co.	M. A. Lewis No. 1	1949	6,000	276	E
309	The Atlantic Refining Co. and Newman Brothers, et al.	Clifton Wheeler No. 1	1948	6,476	277	E
503	S. M. Nesser	R. S. Franklin No. 1	1938	3,030	360	E
605	R. H. Hedge and J. C. Wynne	H. M. Roark No. 1	1951	6,505	302	E
606	Arnold Well Service	J. F. Roark, et al. No. 1	1962	3,485	302	E
607	Gilcrease Operating Co., Blanco Oil Co. and H. L. Rymal	H. M. and J. F. Roark No. 1-A	1963	6,110	325	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in McMullen County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
SU-78-28-608	Clarie Bentz-Stoddard and J. C. Drilling Co.	H. M. Roark No. 2	1963	6,012	281	E
609	J. C. Drilling Co.	— Roark No. 4	1964	5,975	280	E
610	Davis and Bates, Inc. and Edwin L. Cox	James F. Roark No. 1	1965	5,910	301	E
611	Stanolind Oil and Gas Co.	H. M. Roark No. 1	1949	5,205	301	E
613	Arnold Well Service	Jessie Morgan No. A-1	1962	5,995	263	E
614	Afroma Oil and Co., Inc.	M. A. Tyler No. 1	1967	6,012	260	E
701	Stanolind Oil and Gas Co.	E. M. Henry No. 1	1943	7,942	323	E
703	do.	J. F. Henry No. 1	1945	6,802	316	E
704	Arnold Well Service	J. C. Dolan No. 1	1963	6,015	316	E
705	Standard Oil Co. of Texas	E. M. Henry Unit No. 2 Well No. 1	1957	11,420	327	E
802	Frio Production Co.	E. M. Henry No. 1	1961	3,732	372	E
803	Harris S. Stahl	Sara M. Lester, et al. No. 2	1967	3,784	329	E
29-101	Humble Oil and Refining Co.	Louis M. Gubbels No. 14	1961	10,506	285	E
201	Gordon Street, Inc.	Graves Peeler No. 1	1964	6,405	341	E
202	Haynes and V. T. Drilling Co.	— Brown No. 1	1966	6,513	355	E
301	Sun Oil Co.	Brown Ranch No. 1	1955	6,503	348	E
303	Union Producing Co.	G. Jambers No. 1	1950	5,930	287	E
402	Continental Oil Co.	Richard Horton No. 1	1964	12,120	285	E
501	Bravado Oil Co. and Harris-Funk	Marie G. McCampbell No. 1	1949	6,014	249	E
605	Tenneco Oil Co.	Jambers Ranch No. A-1	1964	11,464	277	E
701	J. T. DeGrazier	Rose T. Quinn No. 1	1953	7,015	245	E
30-401	Loma Oil Co.	Leonard Jacob Corp. No. A-1-D	1955	6,864	305	E
402	Bridwell Oil Co.	Mabel Brownson No. 11	1955	6,776	257	E
403	Leonard Jacob Corp.	Mabel New No. 1	1960	6,617	305	E
34-801	Phillips Petroleum Co.	Mula No. 1	1952	6,006	367	E
901	do.	J. T. Pearson No. 3	1953	6,205	375	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in McMullen County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
SU-78-34-902	Quintana Petroleum Corp.	South Texas Syndicate No. F-8	1943	5,848	338	E
35-101	Hassie Hunt Trust	R. B. Lowe No. 1	1952	6,010	291	E
103	David Faskin	Allye Henry No. 1	1960	11,334	284	E
301	J. E. Mowinkel, et al.	T. R. Kuykendall No. 1	1948	6,555	336	E
603	Humble Oil and Refining Co.	J. C. Dilworth, Jr. No. 1	1955	11,916	268	E
604	Forest Oil Corp., et al.	J. C. Dilworth No. 2	1949	6,026	272	E
606	Humble Oil and Refining Co.	J. C. Dilworth, Jr. No. 3	1962	11,052	280	E
607	do.	J. C. Dilworth, Jr. No. 2	1957	11,471	315	E
803	Producers Corp. of Nevada and Argo Oil Corp.	J. C. Dilworth, Jr. No. 1	1955	6,187	287	E
901	Texas Eastern Transmission Corp.	S. Von Lackum	1956	11,915	305	E
36-102	W. R. Thomas	Bernice Franklin Willis No. 1	1965	6,157	284	E
301	Sunray Oil Corp.	J. A. Bracken No. 1	1945	6,515	241	E
401	Texas Eastern Transmission Corp. and Producers Corp. of Nevada	G. L. Hayes No. 1	1956	11,550	254	E
402	Humble Oil and Refining Co.	J. B. Dilworth No. 1	1943	5,900	275	E
501	do.		1943	6,775	283	E
602	Standard Oil Co. of Texas	J. H. Dickinson No. 1	1955	11,560	348	E
702	do.	Moore-Wheeler Unit No. 1	1959	11,296	275	E
904	Theo Hamm Brewing Co.	J. H. Dickinson No. 1	1953	6,009	330	E
905	Amerada Petroleum Corp.	F. B. Horton No. 1	1956	11,854	359	E
906	Bright and Schiff	R. F. Horton No. 1	1959	6,725	324	E
37-703	Blair-Vreeland	L. S. McClaugherty No. 1	1963	6,514	298	E
38-103	Thomas Drilling Corp.	W. O. and L. T. Stevenson No. 1	1960	5,050	179	E
104	do.	Donald Stephenson No. 1	1960	4,809	238	E
105	Paul DeCleva	— Brown, et al. No. 1	1966	4,830	221	E
401	E. M. Jones	— Ezzell No. 3	1937	5,301	227	E
701	Holly Development Co., et al.	Hays-Ezzell Ranch No. 1	1952	7,512	231	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in McMullen County--Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
SU-78-42-601	Shamrock Oil and Gas Corp.	Alamo National Bank and Trustee No. 1	1961	6,200	380	E
801	Quintana Petroleum Corp.	South Texas Syndicate No. D-3	1945	15,301	372	E
803	Newman Brothers and Skinner and Eddy Corp.	South Texas Syndicate No. B-4	1947	4,109	332	E
901	Quintana Petroleum Corp.	South Texas Syndicate No. C-2	1942	6,911	377	E
903	do.	South Texas Syndicate No. C-1	1942	7,623	338	E
904	do.	South Texas Syndicate No. C-4	1942	7,141	305	E
905	Newman Bros. and Alaska Steamship Co.	South Texas Syndicate No. B-13	1942	4,171	350	E
906	do.	South Texas Syndicate No. B-12	1949	4,045	360	E
907	Newman Brothers and Skinner and Eddy Corp.	South Texas Syndicate No. A-4	1947	3,957	331	E
908	Quintana Petroleum Corp.	South Texas Syndicate No. C-8	1944	6,426	327	E
43-101	Gilcrease Operating Co.	Alamo National Bank Trustee No. 1	1963	6,032	354	E
201	Kirkwood and Morgan	E. L. Craig No. 1	1956	6,168	329	E
501	Quintana Petroleum Corp.	Mabel Lowe Grimes No. 1	1943	7,524	348	E
602	Newman Brothers and Jergins Oil and Alaska Steamship Co.	do.	1948	5,904	306	E
701	Alaska Steamship Co. and Newman Brothers	South Texas Syndicate No. AA-5	1952	6,178	341	E
703	Newman Brothers and Skinner and Eddy Corp.	South Texas Syndicate No. A-6	1947	3,949	328	E
704		South Texas Syndicate No. AA-1	1947	3,956	283	E
801	Quintana Petroleum Corp.	South Texas Syndicate-Washburn No. F-7	1945	6,044	265	E
44-101	H. R. Smith	James Walker No. 1	1955	6,714	325	E
903	Miller and Fox Minerals Corp.	H. P. Brown No. 1	1959	5,737	255	E
46-105	Plymouth Oil Co.	Harry Ezzell No. 1-A	1945	7,215	305	E
701	Edwin M. Jones	- Ezzell No. C-2	1944	7,260	293	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in McMullen County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
704	Edwin M. Jones	H. Ezzell No. C-4	1944	7,060	335	E
705	Estate of Edwin M. Jones	— Shiner No. 1	1948	7,617	351	E
706	do.	H. Ezzell No. C-6	1948	7,669	320	E
51-202	Howell Oil Corp. and Durham Sales Co.	Don Martin No. 1	1937	3,510	260	E
52-604	W. Ridley Wheeler, Estate	— Rives No. 1	1963	8,507	320	E
605	Humble Oil and Refining Co.	Cow Creek Gas Unit No. 2 Well No. 1	1964	6,597	330	E
902	Southern Petroleum Exploration Co., Inc. and Blair-Vreeland	Sol Winter Estate No. 1	1961	6,652	396	E
907	Ramada Oil and Gas Co.	Atkinson Estate No. 1	1961	6,801	395	E
53-103	Dee Davenport	Annie Roves Dolph, et al. No. 1-A	1945	7,237	315	E
204	John W. Pace and Blair-Vreeland	Continental Fee No. 1	1966	7,010	318	E
205	do.	La Jolla Corp. No. 1	1965	7,014	293	E
404	Amerada Petroleum Corp.	Murray Holland No. 1	1966	7,025	375	E
604	Atlantic Refining Co.	D. W. Rhode No. 1	1950	7,709	350	E
54-105	Skinner Corp. and L. B. Horn	— Lowrance No. 1	1961	7,510	357	E
701	The Atlantic Refining Co.	D. W. Rhode, Sec. 9 No. 1	1955	7,831	438	E
58-301	Gulf Oil Corp.	Nueces Land and Livestock Co. No. 1	1942	7,465	292	E
59-106	Southern Minerals Corp.	Nueces Land and Livestock Co. No. 1-171	1966	7,465	335	E
107	Mortex Oil Co.	Nueces Land and Livestock Co. No. 2	1957	7,477	269	E
60-202	M. L. Wise Drilling Co., et al.	Hagist Ranch No. 1	1954	8,010	462	E
208	Amerada Petroleum Corp.	do.	1962	7,720	437	E
303	Ramada Oil and Gas Co.	Gordon-Murphy No. 1	1960	6,880	462	E
304	Moody Properties and Knox Miller, Jr.	Whitley and Lanier-State No. 1	1960	6,750	440	E

# MC MULLEN COUNTY

## Table 3.—Water Levels in Selected Wells

Water-level measurements, in feet, above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well SU-78-21-801</b>		<b>Well SU-78-27-303—Continued</b>		<b>Well SU-78-27-503—Continued</b>	
Owner: Adolph Poenisch		Apr. 7, 1971	63.67	July 9, 1968	54.57
Mar. 23, 1959	+ 22	Apr. 3, 1972	76.36	Aug. 13, 1968	54.51
Feb. 1, 1965	27.05	<b>Well SU-78-27-503</b>			
Mar. 6, 1967	38.25	Owner: Bernice Faucett			
Mar. 15, 1968	48.38	Aug. 7, 1963	10.50	Nov. 19, 1968	50.11
Feb. 19, 1970	50.83	Sept. 25, 1963	14.59	Dec. 18, 1968	58.19
Mar. 20, 1970	50.20	Nov. 13, 1963	19.00	Jan. 23, 1969	53.31
Apr. 6, 1971	52.91	Jan. 23, 1964	19.31	Feb. 3, 1969	54.69
Apr. 3, 1972	62.57	Mar. 24, 1964	19.26	Mar. 25, 1969	61.52
<b>Well SU-78-26-502</b>		May 20, 1964	19.35	May 14, 1969	48.22
Owner: James L. Donnell		Sept. 30, 1964	27.98	July 23, 1969	53.01
Sept. 9, 1970	+ 2.31	Nov. 19, 1964	32.94	Sept. 25, 1969	59.55
Apr. 7, 1971	+ 8.60	Feb. 1, 1965	34.47	Oct. 20, 1969	61.46
Apr. 3, 1972	+ 3.70	Mar. 26, 1965	33.70	Nov. 19, 1969	62.35
<b>Well SU-78-26-601</b>		May 17, 1965	32.40	Dec. 15, 1969	61.30
Owner: Jess McNeel		July 22, 1965	33.00	Feb. 19, 1970	60.62
Feb. 1, 1965	14.82	Sept. 20, 1965	38.38	Mar. 20, 1970	48.11
Mar. 14, 1966	13.52	Nov. 21, 1965	42.50	Apr. 22, 1970	56.28
Mar. 6, 1967	15.96	Jan. 27, 1966	41.62	May 19, 1970	53.82
Mar. 15, 1968	22.21	Mar. 14, 1966	38.50	June 22, 1970	54.97
Feb. 3, 1969	15.70	Mar. 29, 1966	37.54	July 20, 1970	53.90
Feb. 9, 1970	16.74	July 25, 1966	36.29	Aug. 19, 1970	55.45
Mar. 19, 1970	15.64	Sept. 20, 1966	40.18	Sept. 22, 1970	56.86
Apr. 7, 1971	25.34	Nov. 14, 1966	41.61	Oct. 19, 1970	58.07
Apr. 4, 1972	31.77	Jan. 20, 1967	41.77	Nov. 16, 1970	58.05
<b>Well SU-78-27-303</b>		Mar. 6, 1967	43.44	Dec. 21, 1970	57.95
Owner: Murray Franklin		May 23, 1967	51.22	Feb. 26, 1971	59.52
Feb. 1, 1965	35.92	Sept. 26, 1967	47.07	Mar. 22, 1971	61.61
Mar. 14, 1966	40.86	Nov. 15, 1967	43.14	Apr. 19, 1971	64.57
Mar. 6, 1967	45.08	Dec. 13, 1967	38.84	May 17, 1971	67.40
Mar. 15, 1968	61.77	Jan. 28, 1968	65.20	July 20, 1971	77.15
Feb. 3, 1969	54.98	Feb. 26, 1968	62.58	Aug. 20, 1971	79.37
Feb. 19, 1970	60.44	Mar. 15, 1968	52.12	Sept. 28, 1971	65.37
Mar. 20, 1970	58.78	May 21, 1968	51.64	Oct. 15, 1971	83.46
		June 12, 1968	56.94	Nov. 23, 1971	84.44

**Table 3.—Water Levels in Selected Wells in McMullen County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well SU-78-27-503—Continued</b>		<b>Well SU-78-28-602—Continued</b>		<b>Well SU-78-37-103</b>	
Dec. 17, 1971	81.15	Mar. 6, 1967	+ 55	Owner: J. A. Bracken	
Jan. 18, 1972	79.63	Mar. 15, 1968	+ 41	Mar. 25, 1959	+ 50
Feb. 25, 1972	77.66	Feb. 4, 1969	+ 46	Feb. 1, 1965	+ 28.4
Mar. 23, 1972	74.68	Mar. 20, 1970	+ 50.20	Mar. 14, 1966	+ 22
<b>Well SU-78-28-101</b>		Apr. 6, 1971	+ 40.96	Mar. 6, 1967	+ 15
Owner: Claude Franklin		Apr. 3, 1972	+ 40.96	Mar. 15, 1968	+ 35
Apr. 23, 1963	+ 81.5	<b>Well SU-78-28-702</b>		Mar. 20, 1970	36.24
Feb. 1, 1965	+ 63.8	Owner: Elton Henry		Apr. 6, 1971	35.74
Mar. 6, 1967	+ 49	Feb. 1, 1965	+ 0.10	Apr. 4, 1972	42.00
Mar. 14, 1968	+ 35	Mar. 14, 1966	10.40	<b>Well SU-78-38-101</b>	
Feb. 4, 1969	+ 41	Mar. 6, 1967	14.55	Owner: McMullen County Water District	
Mar. 17, 1970	+ 44.58	Apr. 24, 1968	35.80	Jan. 28, 1965	+118.5
Apr. 7, 1971	+ 30.72	Feb. 3, 1969	34.68	Mar. 14, 1966	+106
Apr. 3, 1972	+ 21.48	Feb. 19, 1970	37.20	Mar. 6, 1967	+105
<b>Well SU-78-28-501</b>		Mar. 20, 1970	38.34	Mar. 15, 1968	+ 95
Owner: Murray Franklin		Apr. 6, 1971	38.24	Feb. 4, 1969	+ 97
Mar. 10, 1959	+ 57	Apr. 4, 1972	51.71	Mar. 20, 1970	+ 90.78
Feb. 10, 1961	+ 37	<b>Well SU-78-36-902</b>		Apr. 6, 1971	+ 60.75
Dec. 19, 1962	+ 49	Owner: Transcontinental Pipeline Co.		Apr. 4, 1972	+ 90.16
Apr. 23, 1963	+ 41	Feb. 1958	+ 60	<b>Well SU-78-42-902</b>	
Aug. 15, 1969	+ 1.95	Mar. 3, 1958	+ 57.5	Owner: Dolph Briscoe	
Mar. 20, 1970	7.40	Nov. 27, 1962	+ 39.3	Apr. 14, 1959	+ 52.2
Apr. 6, 1971	9.50	Jan. 6, 1954	+ 21.6	Feb. 2, 1965	+ 24.8
Apr. 3, 1972	19.33	Feb. 27, 1964	+ 22.1	Mar. 16, 1966	+ 9.83
<b>Well SU-78-28-601</b>		Apr. 29, 1964	+ 19.6	Feb. 9, 1970	16.05
Owner: Lewis M. Gubbels Estate		Jan. 28, 1965	+ 17.3	Mar. 19, 1970	14.92
Sept. 8, 1970	+105.20	Mar. 14, 1966	+ 4	Apr. 8, 1971	17.21
Apr. 6, 1971	+103.95	Mar. 6, 1967	+ 2.5	Apr. 4, 1972	21.01
Apr. 3, 1972	+101.64	Mar. 20, 1970	15.18		
<b>Well SU-78-28-602</b>		Apr. 6, 1971	17.18		
Owner: James F. Roark		Apr. 4, 1972	26.39		
Feb. 1, 1965	+ 64.0				
Mar. 14, 1966	+ 61				

MC MULLEN COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)  
 Water-bearing unit: Kea, Edwards and associated limestones; Eml, Wilcox Group; Er, Carrizo Sand; Es, Reklaw Formation; Egc, Queen City Sand; Ew, Weches Formation; Eb, Bigford Formation; Eep, El Pico Clay; Es, Sparta Sand;  
 El, Laredo Formation; Em, Cook Mountain Formation; Ey, Yegua Formation; Ej, Jackson Group; Ek, Catahoula Tuff; Mo, Oakville Sandstone; Ml, Lagarto Clay; Qr, terrace gravel; Qal, alluvium.  
 Dissolved solids : The bicarbonate "reported" is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.  
 Analyses by Texas State Department of Health unless indicated by footnote.

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
2/ SU-7B-20-801	Egc	2,300	Mar. 23, 1959	22	--	2.2	0.4	* 384	--	718	106	79	1.0	0	--	945	7	1,540	8.5	99.2	63.12	11.64
2/ 801	Egc	2,300	Nov. 26, 1962	20	0.06	2.5	.3	* 380	--	744	104	80	.9	.0	--	953	7	1,510	8.0	99.2	62.48	12.06
2/ 21-801	Ec, Eml	3,600	Mar. 23, 1959	26	--	2.2	.7	* 309	--	601	76	76	1.0	.0	--	786	8	1,100	8.7	98.8	46.10	9.68
2/ 26-502	Egc	2,105	Dec. 27, 1962	21	--	3.0	.7	* 344	--	656	98	82	.9	.5	--	871	10	1,400	7.8	98.6	46.17	10.55
	Egc	2,105	Sept. 9, 1970	19	--	6	3	530	< 1	780	110	310	.9	< .4	--	1,362	29	2,150	8.1	97.6	43.01	12.23
2/ 601	Ec	3,300	July 12, 1956	23	--	1.8	.6	216	2.2	361	88	65	--	.0	0.30	575	7	961	8.4	97.9	35.53	5.79
2/ 27-502	Egc	1,985	Apr. 14, 1959	18	--	4.8	1.4	* 1,870	--	1,440	297	1,840	--	2.5	--	4,739	18	7,740	8.1	99.6	191.74	23.26
2/ 502	Egc	1,985	May 22, 1963	18	.16	2.5	3.2	* 1,870	--	1,520	278	1,800	--	1.5	--	4,718	19	7,490	8.0	99.5	186.63	24.55
2/ 503	Ec	3,540	Apr. 23, 1963	9.6	--	2.2	.6	* 233	--	368	95	79	1.1	.0	--	600	8	988	8.2	98.4	35.85	5.88
	Ec	3,540	Oct. 20, 1969	22	--	3	1	216	2	342	96	77	.3	< .4	--	585	11	928	8.3	97.2	28.34	5.38
2/ 28-101	Ec	3,998	Apr. 23, 1963	23	--	1.5	.4	* 214	--	346	90	64	.7	.0	--	562	5	907	8.2	98.9	41.64	5.57
2/ 303	Egc	2,000	May 21, 1963	19	.11	1.5	1.6	* 1,140	--	1,660	192	658	--	1.5	--	2,827	10	4,450	8.0	99.6	156.82	27.02
2/ 501	Ec	3,920	Mar. 5, 1959	30	--	4.5	1.0	267	--	453	101	83	.6	.0	--	708	15	1,140	8.0	97.5	29.98	7.13
	Ec	3,920	Aug. 19, 1969	28	--	7	4	258	3	456	97	77	.7	< .4	--	698	35	1,096	8.0	93.5	18.97	6.78
2/ 601	Egc	2,765	Mar. 17, 1959	22	--	2.1	.1	* 813	--	1,480	128	298	3.1	.1	--	1,991	6	3,130	8.6	99.7	150.82	22.52
	Egc	2,765	Sept. 8, 1970	20	--	3	3	850	< 1	1,460	131	396	3.4	< .4	--	2,120	21	3,200	8.2	98.9	81.81	23.45
2/ 602	Ec	4,560	Jan. 15, 1950	27	.5	4.2	.9	232	4.8	375	103	83	.6	.0	.45	638	14	1,040	8.5	96.4	26.97	5.87
	Ec	4,560	Aug. 15, 1969	27	--	4	2	231	2	372	94	81	.7	< .4	.4	624	5	988	8.2	95.9	23.08	5.72
2/ 603	Ec	3,830	Jan. 15, 1950	27	.58	4.2	.9	232	4.8	375	103	83	.6	.0	.45	639	14	1,040	8.4	96.2	26.97	5.87
	Ec	3,830	Mar. 25, 1959	32	--	3.5	.7	* 248	--	388	101	83	.8	.0	.32	660	12	1,050	8.5	98.0	32.50	5.87
2/ 702	Ec	4,046	Mar. 10, 1959	32	--	3.6	1.0	* 687	--	1,660	0.2	103	--	.0	--	1,640	13	2,570	8.1	99.1	82.87	26.96
2/ 29-601	Ej	200	Mar. 11, 1959	13	--	17	7.7	* 3,040	--	578	1,510	3,290	--	--	--	8,162	74	12,300	8.4	98.9	153.73	8.01
2/ 603	Ej	859	do	17	--	20	7.3	* 3,300	--	668	295	4,540	--	--	--	8,508	80	13,600	8.4	98.9	160.49	8.79
2/ 604	Ej	750	do	14	--	46	11	3,570	--	479	1,020	4,580	--	--	--	9,476	160	14,600	8.0	98.0	122.78	4.66
2/ 30-702	Ej	110	Apr. 22, 1963	42	--	62	6.1	653	--	538	460	480	--	1.2	--	1,968	180	3,040	7.5	88.8	21.21	5.23
2/ 34-302	Ey	106	May 22, 1963	12	.51	12	4.9	* 1,670	--	464	1,130	1,500	--	1.5	--	4,558	50	6,900	8.0	98.6	102.74	6.61
2/ 303	Ey	500	Apr. 23, 1963	9.2	--	20	6.6	1,820	--	388	1,150	1,780	--	3.0	--	4,979	77	7,510	7.9	98.1	90.22	4.82
2/ 304	Qal	65	May 22, 1963	17	--	29	5.7	* 523	--	428	126	530	.8	1.0	--	1,441	96	2,400	7.8	92.2	23.22	5.10
2/ 305	Ey	701	do	15	1.3	18	6.1	* 1,810	--	400	1,100	1,800	--	.5	--	4,946	70	7,430	7.5	98.3	94.11	5.16
2/ 35-602	Ec	3,500	Apr. 24, 1963	21	--	1.5	.8	* 981	--	1,820	168	335	--	1.5	--	2,401	7	3,830	8.0	99.7	161.28	29.71
2/ 36-201	Ec	4,250	Dec. 8, 1949	29	.24	1.6	1.1	290	5.6	583	66	72	.6	.0	.44	751	6	1,200	8.1	97.6	43.29	9.39
	Ec	4,250	July 12, 1956	32	--	1.6	.2	296	3.0	604	49	71	1.0	.0	.44	750	5	1,190	8.3	98.7	57.60	9.81
2/ 201	Ec	4,250	Mar. 25, 1959	--	--	1.6	.2	296	3	603	--	76	--	--	--	6	1,220	--	--	--	--	--
	Ec	4,250	Aug. 15, 1969	31	< .02	4	2	306	3	580	49	75	.8	< .4	--	755	19	1,200	8.8	96.7	30.51	10.00

See footnotes at end of table.



NC MULLEN COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DIS-SOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHMS AT 25°C)	pH	PER-CENT SODIUM	SAR	RSC
SU-78-36-201	Ec	4,250	July 10, 1972	30	--	2	2	288	2.0	590	61	73	0.7	< 0.4	0.5	750	14	1,139	8.2	97.4	33.6	9.46
2/ 203	Ec	4,100	May 21, 1963	30	0.04	3.0	.6	* 274	--	474	67	104	.4	.2	--	709	10	1,170	8.3	98.3	37.69	7.58
2/ 902	Ec	4,715	Mar. 16, 1963	37	--	2.1	.4	* 379	--	776	68	87	--	.0	--	955	6	1,520	8.3	99.2	64.68	12.61
902	Ec	4,715	Aug. 15, 1969	29	--	2	1	365	3	740	70	86	1.0	< .4	--	919	8	1,440	8.5	98.5	56.11	11.92
902	Ec	4,715	July 10, 1972	32	--	3	2	358	3.0	740	66	83	1.0	< .4	--	920	15	1,360	8.5	97.7	40.13	11.85
2/ 37-103	Ec	5,200	July 16, 1956	36	--	2.0	.3	441	4.0	929	35	112	1.8	.2	--	1,086	6	1,730	8.2	98.9	78.30	15.12
2/ 103	Ec	5,200	Mar. 25, 1959	38	--	3.5	.5	* 713	--	1,460	17	240	3.2	.0	--	1,730	10	2,790	8.2	99.3	95.73	23.73
2/ 303	Ej	70	Apr. 22, 1963	47	--	115	15	* 1,100	--	408	808	1,110	--	1.0	--	3,396	348	5,210	7.1	87.3	25.63	.00
2/ 38-101	Ej	5,400	Apr. 3, 1959	45	--	3.5	2.2	1,310	--	2,760	.2	420	--	.8	--	3,139	18	4,990	8.7	99.4	136.23	45.02
2/ 101	Ec	5,400	Oct. 25, 1963	37	.20	2.0	.7	366	4.6	868	.0	76	1.0	.0	.94	912	8	1,480	7.5	98.3	56.29	14.08
101	Ec	5,400	July 10, 1972	38	.52	3	2	361	4.0	870	< 4	76	1.1	< .4	.6	910	16	1,340	8.1	97.5	40.48	13.93
2/ 42-902	Ec	4,150	Oct. 1942	36	.06	.6	1.1	* 591	--	1,282	2.6	168	.4	0	--	1,427	6	--	8.2	99.6	104.96	20.91
2/ 44-402	Ej	108	July 15, 1959	36	--	177	7.6	* 279	--	338	454	234	--	.0	--	1,353	473	2,010	7.0	56.2	5.58	.00
2/ 501	Ej	64	do	44	--	94	6.4	416	--	432	546	142	.5	50	--	1,510	261	2,120	7.4	77.6	11.20	1.86
2/ 602	Qa1	30	May 21, 1963	28	.60	87	5.6	* 92	--	278	52	111	.2	.2	--	512	240	882	7.0	45.5	2.58	.00
2/ 46-102	Ej	1,152	Apr. 25, 1963	36	--	246	25	* 7,540	--	389	1.6	11,900	--	--	--	19,939	717	29,100	7.3	95.8	122.49	.00
2/ 103	Mc	140	do	79	--	80	9.7	* 1,170	--	510	136	1,570	--	.5	--	3,295	240	5,400	7.8	91.4	32.89	3.57
2/ 401	Mc	130	June 22, 1959	94	--	265	40	* 1,660	--	228	726	2,480	--	--	--	5,377	826	8,540	7.1	81.4	25.13	.00
2/ 51-201	Ec	5,050	Mar. 26, 1959	90	--	2.8	.1	826	7.5	1,790	.6	228	--	.8	1.2	1,986	8	3,130	8.5	99.1	131.20	29.23
2/ 302	Qa1	24	Nov. 28, 1962	34	.09	110	11	* 95	--	326	62	138	.3	.0	--	610	320	1,030	7.4	39.3	2.31	.00
2/ 52-602	Mc	225	June 24, 1959	87	--	133	24	* 1,570	--	314	28	2,520	--	--	--	4,516	430	7,620	7.0	88.8	32.92	.00
2/ 801	Mc	287	Apr. 24, 1963	84	--	24	3.4	* 652	--	460	312	532	.9	46	--	1,879	74	2,930	7.9	95.0	32.97	6.06
2/ 903	Mc	120	July 15, 1959	84	--	20	5.6	* 348	--	532	114	187	3.3	3.8	--	1,023	73	1,600	7.4	91.2	17.72	7.26
2/ 905	Mc	350	do	58	--	120	28	* 904	--	274	444	1,190	--	20	--	2,898	414	4,660	7.0	82.6	19.31	.00
2/ 53-101	Mc	180	June 21, 1959	88	--	22	5.2	* 427	--	411	169	345	--	7.6	--	1,265	76	2,020	7.5	92.4	21.23	5.21
2/ 102	Mc	301	Dec. 5, 1962	74	--	202	26	* 992	--	264	444	1,480	--	2.0	--	3,349	611	5,520	7.4	77.9	17.46	.00
2/ 401	Mc	180	May 21, 1963	79	.25	84	24	* 694	--	324	118	1,010	--	5.5	--	2,173	308	3,750	7.2	83.1	17.20	.00
2/ 402	Mc	136	do	87	1.4	38	3.4	* 920	--	420	272	1,050	--	1.0	--	2,578	109	4,320	7.9	94.8	38.33	4.71
2/ 501	Mc	200	June 21, 1959	103	--	54	6.7	* 644	--	474	430	515	--	.0	--	1,990	162	3,090	7.1	89.6	22.01	4.53
2/ 601	Mc	100	May 21, 1963	81	2.9	97	13	* 784	--	324	402	930	--	4.0	--	2,470	296	4,040	7.6	85.2	19.84	.00
2/ 602	Mc	90	do	100	.88	175	11	* 1,770	--	184	620	2,500	--	--	--	5,266	482	8,310	7.0	88.9	35.09	.00
2/ 603	Mc	240	June 21, 1959	50	--	362	54	* 246	--	191	94	990	--	12	--	1,902	1,120	3,370	6.6	32.2	3.19	.00
2/ 702	Mc	70	May 21, 1963	55	.09	500	76	* 502	--	148	506	1,420	--	1.0	--	3,130	1,560	4,990	6.9	41.2	5.53	.00
2/ 906	Mc	90	June 21, 1959	75	--	395	129	* 781	--	252	266	1,900	--	64	--	3,733	1,520	6,180	6.7	52.8	9.73	.00

See footnotes at end of table.

MC MULLEN COUNTY

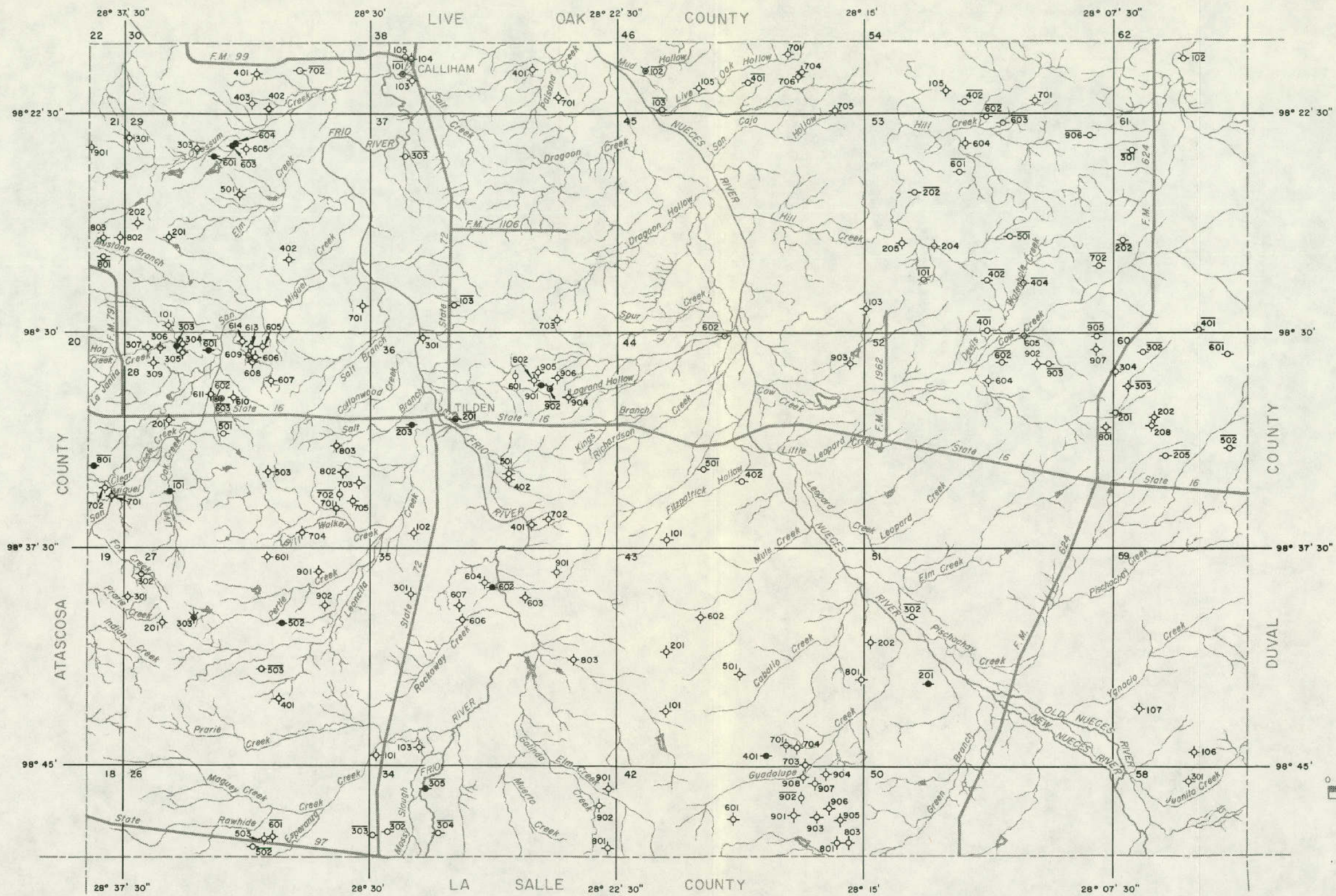
Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
2/ BU-78-54-402	Mo	100	May 21, 1963	69	1.3	88	5.5	* 1,630	--	214	560	2,150	--	--	--	4,607	242	7,420	7.6	93.6	43.38	0.00
2/ 60-201	Nc	350	do	54	.37	42	15	* 491	--	324	264	480	--	19	--	1,524	166	2,470	7.3	86.5	16.55	1.98
2/ 295	Nc	250	do	59	.76	120	29	* 868	--	276	422	1,160	--	5.0	--	2,798	419	4,570	7.4	81.9	18.46	.00
2/ 302	Nc	365	do	89	.14	122	40	* 1,070	--	392	784	1,180	--	4.0	--	3,481	469	5,270	7.7	83.2	21.49	.00
2/ 502	Nc	200	do	90	1.2	39	12	322	--	312	254	225	1.1	7.5	--	1,102	147	1,680	7.6	82.7	11.56	2.18
2/ 601	Nc	485	July 16, 1959	83	--	392	111	1,280	--	222	1,300	1,900	--	.2	--	5,173	1,430	7,520	7.0	66.0	14.70	.00
2/ 61-202	Mo	100	June 21, 1959	51	--	350	48	* 372	--	429	452	750	--	.2	--	2,234	1,070	3,760	6.8	43.0	4.94	.00
2/ 301	Ml	120	do	73	--	645	192	* 990	--	223	702	2,580	--	--	--	5,291	2,400	8,320	6.9	47.3	8.79	.00
2/ 401	Nc	485	July 16, 1959	100	--	129	31	* 925	--	303	834	950	--	4.8	--	3,122	430	4,690	7.2	81.7	18.98	.00
2/ 62-102	Nl	73	June 23, 1959	48	--	96	16	* 85	--	366	36	105	.4	4.5	--	570	306	953	6.6	37.7	2.12	.00

\* Sodium and potassium calculated as sodium (Na).  
 † Includes the equivalent of any carbonate (CO<sub>3</sub>) present.

LABORATORY CONDUCTING ANALYSIS:  
 2/ U.S. Geological Survey Laboratory





**EXPLANATION**

- ⊙ Public supply well
  - ⊙ Industrial well
  - ⊙ Irrigation well
  - ⊙ Domestic or livestock well
  - ⊙ Oil or gas well
  - ⊙ Test hole
  - ⊙ Unused or abandoned well
  - Solid circle indicates flowing well
  - Line above well number indicates chemical analysis given in Table 4
- Note: This county is within 1° quadrangle No. 78



Location of Selected Water, Oil, and Gas Wells in McMullen County





## MAVERICK COUNTY (EASTERN PART)

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in remarks column.

Water level : Reported water levels given in feet; measured water levels given to the nearest tenth or hundredth of a foot.

Method of lift and type of power: A, airlift; C, cylinder; CF, centrifugal; E, electric; G, gasoline, butane, or Diesel engine; H, hand; J, jet; N, none; Ng, natural gas; T, turbine; W, windmill. Number indicates horsepower.

Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.

Water-bearing unit : Kea, Edwards and associated limestones; Ewi, Wilcox Group; Ec, Carrizo Sand; Ux, Reklaw Formation; Sqc, Queen City Sand; Ew, Weches Formation; Eb, Bigford Formation; Esp, El Pico Clay; Es, Sparta Sand; El, Laredo Formation; Ecm, Cook Mountain Formation; Ey, Yegua Formation; Ej, Jackson Group; Mc, Catahoula Tuff; Mo, Galveston Sandstone; Ml, Lagarto Clay; Qt, terrace gravel; Qal, alluvium.

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* TB-70-64-401	H. A. Franke	--	--	100	4	100	--	785	--	--	Sub, E	D, S	Perforated from 80 to 100 ft.
76-07-601	Harms Price	--	1957	100	12	--	Ec	700	59.49	May 1, 1969	Sub, E 10	Irr	Slotted from 70 to 100 ft.
602	do	--	1966	110	8	110	Ec	705	72.1	do.	T, E 20	Irr	--
603	do	Ricks and Puckett Water Well Service, Inc.	1966	115	8	115	Ec	705	70.95	do.	T, E 10	S, Irr	Gravel packed. Development test: Drawdown of 25 ft while pumping 120 gpm in Jan. 1971.
* 802	Coastal States Refining Co.	--	--	80	7	80	Ewi	710	--	--	T, E 5	D, Ind	Perforated from 60 to 80 ft.
* 901	Harms Price	--	--	100	10	80	Ec	702	60.74 69.88	Sept. 22, 1955 Mar. 15, 1972	T, E 10	N	Open hole from 80 to 100 ft. Unused irrigation well. Reported yield of 102 gpm. Temp. 77°F. Observation well. <u>3</u>
902	Gus Black Estate	Elmo Owens	1935	92	10	20	Ec	700	58.9	Oct. 4, 1954	T, G 25	D	Well M3-44 in Texas Board of Water Engineers miscellaneous report 302 and Bulletin 5203. Historical observation well.
903	--	--	--	81	6	--	Ec	704	44.55 45.45	Feb. 6, 1930 July 31, 1960	N	N	Well M3-21 in Texas Board of Water Engineers miscellaneous report 302 and Bulletin 5203. Historical observation well.
904	Harms Price	--	1947	100	12	100	Ec	696	61.8	May 1, 1969	Sub, E 10	Irr	--
907	do	--	1948	90	12	90	Ec	698	59.88	do.	T, E 25	Irr	--
909	do	--	1958	100	12	100	Ec	696	65.58	do.	Sub, E 10	Irr	Slotted from 70 to 100 ft.
910	do	--	1957	92	12	92	Ec	700	70.61	do.	T, E 10	Irr	--
* 911	Jack Tillery	--	1948	100	12	100	Ec	700	63.45	Aug. 21, 1969	T, E 40	Irr	Slotted. Reported yield of 404 gpm. Temp. 68°F.
912	do	R. B. Owens	1960	206	18	206	Ec	700	--	--	T, E 25	Irr	--
913	do	--	--	100	10	--	Ec	700	70.77	Nov. 7, 1969	T, E 30	Irr	--
914	do	R. B. Owens	1960	175	18	175	Ec	700	69.42	Mar. 7, 1969	T, E 20	Irr	--
915	do	--	--	90	12	--	Ec	700	--	--	T, E 20	Irr	--
916	do	--	--	100	12	--	Ec	700	--	--	T, E 25	Irr	--
917	do	--	--	--	--	--	Ec	700	68.52	Mar. 7, 1969	Sub, E	Irr	--
918	do	--	--	--	--	--	Ec	700	69.46	do.	T, E 30	Irr	--
919	Texas Water Development Board	Texas Water Development Board	1971	115	3	105	Ec, Ewi	700	74.74 73.16	Mar. 25, 1971 Mar. 21, 1972	N	N	Slotted from 84 to 105 ft. Open hole from 105 to 115 ft. Observation well. <u>1</u> <u>2</u> <u>3</u>

See footnotes at end of table.

MAVERICK COUNTY (EASTERN PART)

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
TR-76-08-401	George Ramble	Cox and Davis	1927	100	10	60	Ec	695	48.58 57.59	Sept. 16, 1948 Mar. 21, 1972	T, E 20	S	Well M3-6 in U.S. Geological Survey Water-Supply Paper 1481 and Texas Board of Water Engineers miscellaneous report 302 and Bulletin 5203. Open hole from 60 to 100 ft. Temp. 78°F. Observation well. <u>1</u> <u>3</u>
402	E. Ramble	--	--	127	--	--	Ec	690	54.36 56.68	Aug. 22, 1952 July 8, 1958	N	N	Historical observation well.
403	M. Ramble	--	1900	40	5	--	Ec	690	30.50 34.90	Jan. 27, 1930 Aug. 17, 1950	N	N	Well M3-7 in Texas Board of Water Engineers miscellaneous report 302 and Bulletin 5203. Historical observation well.
404	do.	--	--	50	--	--	Ec	690	42.37 48.10	July 12, 1946 July 8, 1958	--	N	Unused. Historical observation well.
* 704	Coffield and Pickens	Elmo Owens	1935	148	12	20	Ec	700	61.84 69.65	Jan. 30, 1968 Jan. 30, 1969	T, E 20	Irr	Well M3-40 in Texas Board of Water Engineers miscellaneous report 302 and Bulletin 5203. Open hole from 20 to 148 ft. Reported yield of 265 gpm. Temp. 77°F.
705	do	do	1935	120	12	20	Ec	700	--	--	T, E 20	Irr	Well M3-41 in Texas Board of Water Engineers miscellaneous report 302 and Bulletin 5203. Open hole from 20 to 120 ft. Temp. 76°F.
* 15-302	N. J. Chittin	-- Haunsch	1965	--	6	--	Ec	690	68.49 79.88	Apr. 9, 1970 Mar. 15, 1972	C, W, G	D, S	Temp. 76°F. Observation well. <u>3</u>
* 23-301	do	--	--	--	6	--	--	650	51.76 81.50 50.98	Apr. 8, 1970 Apr. 2, 1971 Mar. 15, 1972	C, W	S	Temp. 74°F. Observation well. <u>3</u>
24-101	do	--	--	180	6	180	Ec	655	84.54 84.93 84.35	Apr. 9, 1970 Apr. 2, 1971 Mar. 15, 1972	C, G 1-1/2	S	Observation well. <u>3</u>
* 39-601	John Dodgon	--	--	75	--	--	Ew1	770	17.97	July 26, 1961	--	S	--
* 47-501	Chupadera Ranch	--	1949	329	7	--	Ew1	765	199	July 20, 1961	C, W	S	--

\* For chemical analyses of water, see Table 4.  
1 Drillers' log in files of the Texas Water Development Board.  
2 Mechanical logs in files of the Texas Water Development Board.  
3 For water-level measurements from observation wells, see Table 3.

# MAVERICK COUNTY (EASTERN PART)

## Table 3.—Water Levels in Selected Wells

Water-level measurements, in feet, above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well TB-76-07-901</b>		<b>Well TB-76-08-401—Continued</b>		<b>Well TB-76-08-401—Continued</b>	
Owner: Harms Price		Aug. 22, 1952	58.50	Oct. 22, 1969	57.40
Sept. 22, 1955	60.74	Sept. 11, 1953	51.7	Nov. 21, 1969	57.22
Sept. 30, 1960	61.98	Oct. 4, 1954	50.33	Dec. 16, 1969	57.29
Feb. 8, 1961	59.24	Sept. 22, 1955	50.70	Jan. 23, 1970	57.31
Dec. 19, 1962	66.82	Sept. 18, 1956	52.06	Feb. 18, 1970	57.40
Jan. 20, 1964	70.93	July 12, 1957	52.85	Mar. 23, 1970	57.73
Feb. 10, 1965	72.84	July 8, 1958	52.10	Apr. 22, 1970	57.64
Mar. 15, 1966	70.93	Sept. 30, 1960	51.89	May 20, 1970	57.62
Mar. 7, 1967	58.51	Feb. 8, 1961	52.10	June 23, 1970	59.89
Feb. 15, 1968	76.85	Feb. 14, 1962	52.94	July 23, 1970	66.49
Feb. 4, 1969	75.60	Dec. 19, 1962	53.53	Aug. 20, 1970	58.40
May 1, 1969	69.14	Jan. 20, 1964	55.43	Sept. 21, 1970	57.81
Mar. 10, 1970	67.46	Feb. 10, 1965	55.50	Oct. 20, 1970	57.92
Apr. 2, 1971	69.94	July 26, 1965	56.30	Nov. 18, 1970	57.82
Mar. 15, 1972	69.88	Nov. 17, 1965	55.91	Dec. 21, 1970	61.08
<b>Well TB-76-07-919</b>		Jan. 25, 1966	56.42	Jan. 21, 1971	58.06
Owner: Texas Water Development Board		Mar. 15, 1966	56.37	Feb. 25, 1971	56.91
Mar. 25, 1971	74.74	May 25, 1966	56.34	Mar. 25, 1971	57.87
Apr. 20, 1971	74.38	July 25, 1966	59.25	Apr. 20, 1971	65.44
May 19, 1971	75.48	Nov. 15, 1966	56.82	May 19, 1971	60.03
June 18, 1971	76.57	Jan. 20, 1967	56.75	June 18, 1971	58.49
July 22, 1971	74.14	Mar. 7, 1967	56.98	July 22, 1971	57.90
Aug. 19, 1971	70.73	May 23, 1967	67.62	Aug. 19, 1971	57.55
Sept. 22, 1971	72.21	Nov. 14, 1967	65.83	Sept. 22, 1971	57.54
Oct. 18, 1971	71.73	Jan. 30, 1968	57.51	Oct. 18, 1971	65.66
Nov. 23, 1971	72.01	Mar. 20, 1968	59.26	Nov. 23, 1971	54.71
Dec. 20, 1971	72.64	May 22, 1968	60.62	Dec. 20, 1971	57.80
Jan. 24, 1972	71.13	July 13, 1968	59.38	Jan. 24, 1972	57.85
Feb. 24, 1972	71.09	Sept. 19, 1968	61.18	Feb. 24, 1972	57.27
Mar. 21, 1972	73.16	Nov. 26, 1968	58.90	Mar. 21, 1972	57.59
<b>Well TB-76-08-401</b>		Jan. 28, 1969	60.47	<b>Well TB-76-15-302</b>	
Owner: George Rambaie		Mar. 28, 1969	57.91	Owner: N. J. Chittim	
Sept. 16, 1948	48.58	May 14, 1969	56.91	Apr. 9, 1970	68.49
Aug. 10, 1949	48.71	July 30, 1969	60.31	Mar. 15, 1972	79.88
		Sept. 26, 1969	57.64		

**Table 3.—Water Levels in Selected Wells in Maverick County (Eastern Part)—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well TB-76-23-301</b>		<b>Well TB-76-24-101</b>	
Owner: N. J. Chittim		Owner: N. J. Chittim	
Apr. 8, 1970	51.76	Apr. 8, 1970	84.54
Apr. 2, 1971	81.50	Apr. 2, 1971	84.93
Mar. 15, 1972	50.98	Mar. 15, 1972	84.35



## MAVERICK COUNTY (EASTERN PART)

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Ksa, Edwards and associated limestones; Ewf, Wilcox Group; Ec, Carrizo Sand; Er, Rsklaw Formation; Eac, Queen City Sand; Ew, Weches Formation; Eb, Bigford Formation; Esp, El Pico Clay; Es, Sparta Sand; El, Laredo Formation; Ecm, Cook Mountain Formation; Ey, Yegua Formation; Ej, Jackson Group; Mx, Catahoula Tuff; Mo, Oakville Sandstone; Ml, Lagarto Clay; Qt, terrace gravel; Qal, alluvium.

Dissolved solids : The bicarbonate "reported" is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.

Analyses by Texas State Department of Health unless indicated by footnote.

WELL	AQUIFER	DEPTH OF WELL (Ft)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHO/CM AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
2/ TB-70-64-401	--	100	Aug. 18, 1965	17	--	82	4.7	* 31	--	260	25	32	0.1	9.0	--	328	224	565	7.6	20.3	0.90	0.00
2/ 76-07-802	Ew1	80	do	29	--	134	7.2	* 87	--	340	146	86	.2	.2	0.26	656	364	1,050	7.2	34.2	1.98	.00
901	Ec	100	Aug. 21, 1969	30	--	187	16	145	6	249	92	373	.7	30.0	.8	1,001	530	1,720	7.2	36.7	2.27	.00
911	Ec	100	Mar. 7, 1969	27	--	80	7	57	4	251	22	85	.4	2.0	.3	407	230	690	7.3	34.5	1.64	.00
911	Ec	100	July 20, 1972	27	0.04	87	9	44	4	249	31	124	.4	2.5	.4	451	257	797	7.3	26.9	1.20	.00
08-704	Ec	148	Aug. 21, 1969	30	--	92	12	96	5	295	60	128	.5	10.0	--	578	279	964	7.4	42.3	2.51	.00
15-302	--	--	Apr. 9, 1970	22	--	97	18	118	4	288	136	147	.6	< .4	--	684	316	1,080	7.7	44.4	2.89	.00
23-301	--	--	Apr. 8, 1970	17	--	178	46	317	7	412	416	410	.9	< .4	--	1,595	640	2,350	7.8	51.7	5.46	.00
2/ 39-601	Ewf	75	July 26, 1961	--	--	--	--	--	--	431	33	124	--	--	--	--	112	1,130	7.0	--	--	--
2/ 47-501	Ewf	329	July 20, 1961	--	--	--	--	--	--	476	1,230	710	--	--	--	--	94	5,130	8.6	--	--	--

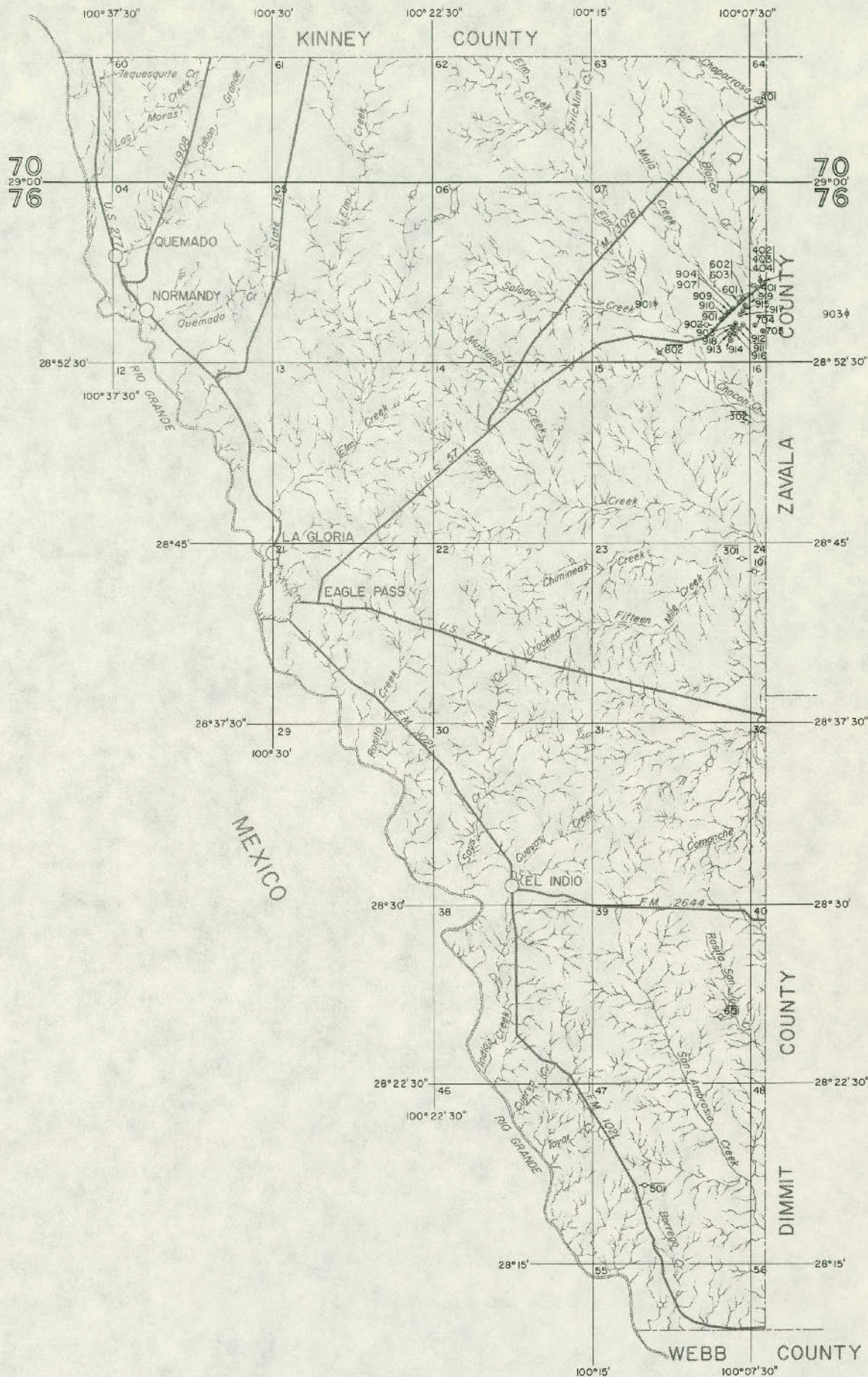
\* Sodium and potassium calculated as sodium (Na).

y Includes the equivalent of any carbonate (CO<sub>3</sub>) present.

LABORATORY CONDUCTING ANALYSIS:

2/ U.S. Geological Survey Laboratory





### EXPLANATION

- ⊕ Public supply well
- ⊗ Industrial well
- ⊙ Irrigation well
- Domestic or livestock well
- ◇ Oil or gas well
- ⊕ Test hole
- ⊕ Unused or abandoned well
- Solid circle indicates flowing well
- 601 Line above well number indicates chemical analysis given in Table 4



Location of Selected Water, Oil, and Gas Wells in Eastern Maverick County





MEDINA COUNTY (SOUTHERN PART)

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in remarks column.

Water level : Reported water levels given in feet; measured water levels given to the nearest tenth or hundredth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; CF, centrifugal; E, electric; G, gasoline, butane, or Diesel engine; H, hand; J, jet; N, none; Ng, natural gas; T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.  
 Water-bearing unit : Kea, Edwards and associated limestones; Dwi, Wilcox Group; Be, Carrizo Sand; Ee, Eeklaw Formation; Egc, Queen City Sand; Ew, Weches Formation; Eb, Bigford Formation; Eep, El Pico Clay; Es, Sparta Sand; El, Laredo Formation; Bcm, Cook Mountain Formation; Ey, Yegua Formation; Eij, Jackson Group; Mc, Catahoula Tuff; Mo, Oakville Sandstone; Ml, Logarto Clay; Qc, terrace gravel; Qal, alluvium.

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASTING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					SLAM-ETHER (in.)	DEPTH (ft)			BELOW LAND-SURFACE (ft)	DATE OF MEASUREMENT			
TD-68-49-402	Edwin L. Yanta	--	--	166	16	166	Ewl	750	109.5	Aug. 24, 1951	Sub, E 5	D, S Irr	Well J-6-101 in Texas Board of Water Engineers Bulletin 5601. Reported yield of 180 gpm.
601	Herbert Krisko	--	1955	2,759	8	2,256	Kea	738	--	--	T, E	Irr	Open hole from 2,256 to 2,759 ft.
602	Clyde Abbott	Alfred Mann Water Wells	1965	67	8	67	Ewl	705	27	1969	T, E 5	S, Irr	Slotted from 27 to 67 ft. Pump set at 65 ft. Reported yield of 87 gpm.
603	do	do	1956	70	8	70	Ewl	685	30	1969	T, E 5	S, Irr	Slotted. Pump set at 68 ft. Reported yield of 300 gpm.
604	Bruce M. Roark	do	1950	100	6	100	Ewl	705	35.7	Aug. 24, 1951	T, E 2	D	Well J-4-123 in Texas Board of Water Engineers Bulletin 5601.
701	Emmett Ratcliff	--	1927	116	12	--	Ec	740	95.1	Feb. 17, 1952	N	N	Well J-7-4 in Texas Board of Water Engineers Bulletin 5601. Slotted.
801	J. Young	Fraser and Upton Drilling Co.	1959	150	10	150	Ec	663	65	Nov. 20, 1969	T, E 20	S, Irr	Slotted from 80 to 150 ft. Pump set at 120 ft. Reported yield of 450 gpm.
802	Euniel Van Damme	-- Hopkins	1957	140	12	140	Mc	670	--	--	T, E 30	Irr	Slotted. Gravel packed. Pump set at 70 ft. Reported yield of 900 gpm.
803	Romer Verstaff	--	1958	230	12	230	Ec, Ewl	668	--	--	T, E 15	Irr	Slotted.
804	Lewis Lee Laurin	E. H. Cannon Drilling Co.	1965	395	8	395	Ewl	705	--	--	Sub, E 5	Irr	Slotted. Pump set at 300 ft. Reported yield of 70 gpm. Development test yielded 95 gpm.
805	do	do	1966	395	8	395	Ewl	730	102.31	Nov. 20, 1969	Sub, E 5	Irr	Slotted. Pump set at 300 ft. Reported yield of 30 gpm.
806	do	Alfred Mann Water Wells	1966	390	8	390	Ewl	730	90.26	do.	Sub, E 5	Irr	Slotted. Pump set at 300 ft. Reported yield of 30 gpm.
807	do	E. H. Cannon Drilling Co.	1966	390	8	390	Ewl	710	--	--	Sub, E 5	Irr	Slotted. Pump set at 300 ft. Reported yield of 65 gpm.
808	do	Alfred Mann Water Wells	1967	390	6	390	Ewl	695	62.66 78.86 70.10	Aug. 26, 1970 Mar. 30, 1971 Feb. 28, 1972	N	N	Slotted. Reported yield of 50 gpm. Observation well. <u>3</u>
809	F. C. Meyer	do	1946	184	12	184	Ec	644	73.8	Feb. 19, 1952	T	N	Well J-7-60 in Texas Board of Water Engineers Bulletin 5601. Perforated from 112 to 175 ft. Unused irrigation well. Reported yield of 540 gpm.
810	Floyd Newman	do	1964	200	8	200	Ec, Dwi	688	--	--	T, G 50	Irr	Slotted from 115 to 200 ft. Pump set at 200 ft. Reported yield of 100 gpm.
811	John H. Watson	Fraser and Upton Drilling Co.	1961	300	10	300	Ewl	660	--	--	T, E 15	Irr	Slotted. Pump set at 155 ft. Reported yield of 50 gpm.
812	do	Alfred Mann Water Wells	1966	130	8	130	Ec	665	67.97	Nov. 25, 1969	Sub, E 5	Irr	Slotted. Pump set at 105 ft. Reported yield of 100 gpm.
902	City of Devine	do	1936	182	11	--	Ec	655	75.2 72.96	Oct. 11, 1952 Oct. 12, 1971	N	N	Well J-7-23 in Texas Board of Water Engineers Bulletin 5601. Historical recorder observation well from 1952 to Oct. 12, 1971. <u>3</u>
* 903	do	do	1928	287	10	287	Ec	655	79.7 118.8	Jan. 16, 1952 Aug. 8, 1969	T, E 15	E	Well J-7-21 in Texas Board of Water Engineers Bulletin 5601. Deepened from 250 to 287 ft in 1969. Slotted. Gravel packed. Pump set at 250 ft. Reported yield of 70 gpm. Development test: Drawdown of 82 ft while pumping 125 gpm for 2 hours on Jan. 16, 1952. Temp. 80°F.

See footnotes at end of table.

MEDINA COUNTY (SOUTHERN PART)

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIPT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
TD-68-49-904	City of Devine	Johnson Drilling and Supply Co.	1946	613	10	581	Ew1	659	80	Aug. 13, 1946	T, E 25	P	Well J-7-22 in Texas Board of Water Engineers Bulletin 5601. Slotted from 478 to 581 ft. Open hole from 581 to 613 ft. Gravel packed. Reported yield of 200 gpm. $\frac{y}{z}$
* 905	do	Frazier and Upson Drilling Co.	1956	150	10	150	Ec	665	--	--	T, E 25	P	Slotted. Gravel packed. Temp. 78°F.
* 906	do	do	1963	--	10	--	Ec	672	93	Aug. 16, 1968	T, E 15	P	Gravel packed. Reported yield of 100 gpm. Temp. 80°F.
* 907	do	do	1952	141	12	141	Ec	664	91.3	Apr. 25, 1952	T, E 40	P	Well J-7-41 in Texas Board of Water Engineers Bulletin 5601. Slotted from 96 to 141 ft. Cemented from 50 ft to surface. Gravel packed. Pump set at 129 ft. Reported yield of 700 gpm. Development test: Drawdown of 28 ft while pumping 1,207 gpm for 19 hours on Apr. 25, 1952. Temp. 80°F.
908	Devine Gin	E. H. Cannon Drilling Co.	1964	199	12	199	Ec	640	94.28	Sept. 3, 1969	N	N	Slotted. Gravel packed. Development test: Drawdown of 97 ft while pumping 970 gpm on Apr. 3, 1964.
909	Fitz Stradder	--	--	--	--	--	Ec	680	--	--	T, E	Irr	Gravel packed.
910	-- Mann	--	--	--	--	--	Ec	630	--	--	T, G	N	Unused irrigation well.
911	Erwin Lutes	--	--	95	8	95	Ec	655	83.60	Sept. 2, 1969	Sub, E 15	S, Irr	Slotted. Gravel packed.
912	D. Measec	G. Martin	1920	120	8	120	Ec	655	69.7 73.74	Feb. 26, 1952 Nov. 25, 1969	T, E 20	Irr	Well J-7-61 in Texas Board of Water Engineers Bulletin 5601. Slotted from 110 to 120 ft. Pump set at 104 ft. Reported yield of 238 gpm with drawdown of 32 ft for 4 hours on Feb. 26, 1952.
913	City of Devine	Alfred Mann Water Wells	1938	350	10	350	Ec, Ew1	655	75.2 97.67	Aug. 15, 1952 Dec. 9, 1969	N	N	Abandoned. Slotted. Reported yield of 125 gpm.
914	do	--	1967	261	10 8	96 261	Ec	692	112	Aug. 6, 1969	T, E 50	N	Slotted. Gravel packed. Unused public supply well. Reported yield of 600 gpm. $\frac{z}{y}$
915	Devine Golf Course	-- Downing	1967	194	10	194	Ec	715	--	--	T, E 30	Irr	Slotted from 50 to 194 ft. Gravel packed. Reported yield of 430 gpm. Development test yielded 818 gpm in Aug. 1967.
50-101	M. E. Hunt	--	1952	90	6	90	Ew1	722	41.0	Nov. 19, 1969	T, E 2	N	Slotted. Unused irrigation well.
102	E. H. Green	R. Haas	1948	58	8	58	Ew1	743	27.5	July 17, 1951	Sub, E 1	D	Well J-6-76 in Texas Board of Water Engineers Bulletin 5601. Slotted.
401	City of Natalia	D. F. Stoy	1944	86	12	86	Ew1	745	63.3	Feb. 15, 1952	N	N	Well J-4-129 in Texas Board of Water Engineers Bulletin 5601. Abandoned. Slotted from 56 to 86 ft. Reported yield of 150 gpm with drawdown of 12 ft for 6 hours on Feb. 12, 1952.
402	do	do	--	95	6	95	Ew1	750	--	--	T, E 7-1/2	N	Unused public supply well. Slotted from 60 to 95 ft.
403	do	W. Lancaster	1940	226	8	226	Ew1	705	95.6	Feb. 8, 1952	N	N	Well J-4-130 in Texas Board of Water Engineers Bulletin 5601. Abandoned. Slotted. Reported yield of 155 gpm with drawdown of 123 ft for 6 hours on Feb. 8, 1952.

See footnotes at end of table.

MEDINA COUNTY (SOUTHERN PART)

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING			ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)	WATER BEARING UNIT		BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* TD-68-50-404	City of Natalia	Alfred Mann Water Wells	1968	85	8	85	Ec	765	47	Feb. 1, 1968	T, E 15	P	Slotted from 58 to 80 ft. Pump set at 78 ft. Reported yield of 150 gpm. Temp. 74°F. <u>Y</u>
* 405	Humble Oil Co.	Humble Oil Co.	--	100	8	100	Ec	780	--	--	T, E 15	P	Slotted. Pump set at 70 ft. Temp. 74°F.
502	John W. Carroll	Strickers Water Well Service	1966	500	8	500	Ew1	720	--	--	T, G 55	Irr	Slotted from 307 to 387 ft and 420 to 500 ft. Gravel packed. Pump set at 310 ft. Reported yield of 225 gpm. Development test: Drawdown of 245 ft while pumping 310 gpm in 1966.
503	John Naegelin	Watkins Brothers Drilling Co.	1966	510	10	460	Ew1	710	--	--	T, G	Irr	Slotted from 240 to 460 ft. Open hole from 460 to 510 ft. Pump set at 270 ft. Reported yield of 430 gpm.
701	Alfred Finto	E. H. Cannon Drilling Co.	1966	216	12	216	Ec	700	149.41	Aug. 19, 1972	T, G 100	Irr	Slotted from 110 to 216 ft. Gravel packed. Pump set at 180 ft. Reported yield of 700 gpm.
702	Sam Caraway	Adkins Drilling	1965	206	10	206	Ec	725	143.43 139.15 145.22	Sept. 2, 1969 Mar. 25, 1970 Feb. 28, 1972	T, G 65	Irr	Perforated from 38 to 206 ft. Gravel packed. Pump set at 190 ft. Reported yield of 450 gpm. Observation well. <u>Y</u> <u>Y</u>
* 703	do	Strickers Water Well Service	1967	287	12	287	Ec	690	132 138.35	Dec. 1967 Aug. 25, 1969	T, G 100	Irr	Perforated from 150 to 287 ft. Gravel packed. Pump set at 200 ft. Reported yield of 625 gpm. Development test yielded 1,200 gpm. Temp. 78°F. <u>Y</u>
704	Cloud Fargason	--	1966	--	--	--	Ec	685	121.90	Sept. 2, 1969	T, E 100	Irr	Gravel packed.
705	do	Strickers Water Well Service	1969	285	12	285	Ec	690	131.95	do.	N	N	Slotted from 175 to 285 ft. Gravel packed. <u>Y</u>
706	Wisconsin Pump, Inc.	do.	1968	385	14	385	Ec, Ew1	650	--	--	T, E 150	Irr	Perforated from 285 to 385 ft. Gravel packed. <u>Y</u>
707	Henry McMickle	Adcock Pipe and Supply Co.	1965	232	10	232	Ec	665	113.42	Aug. 25, 1969	T, E 50	Irr	Perforated from 139 to 232 ft. Pump set at 200 ft. Reported yield of 550 gpm. Development test: Drawdown of 30 ft where pumping 1,030 gpm for 1-1/2 hours in Feb. 1965. <u>Y</u>
708	Sam Caraway	do.	1965	224	10	206	Ec	664	138	Mar. 20, 1965	--	N	Abandoned. Slotted from 89 to 206 ft. <u>Y</u>
* 57-204	A. P. Vasquez	--	1964	150	--	--	Ec	615	--	--	T, G	Irr	Gravel packed. Reported yield of 600 gpm. Temp. 80°F.
205	Edgar Linkenhoger	Strickers Water Well Service	1967	--	--	--	Ec	605	--	--	T, E 100	Irr	Gravel packed.
206	Fair Oaks Ranch	--	--	--	--	--	Ec	602	85.83	Sept. 4, 1969	T	N	Unused irrigation well.
207	Morales Feed Lot	E. H. Cannon Drilling Co.	1959	200	12	200	Ec	680	--	--	T, E 100	Irr	Slotted from 160 to 200 ft. Gravel packed. Reported yield of 900 gpm.
208	do	do	1963	250	12	250	Ec	670	140.35	Sept. 3, 1969	T, E 100	Irr	Slotted from 160 to 250 ft. Gravel packed. Reported yield of 800 gpm.
* 209	do.	do	1965	360	12	360	Ec, Ew1	690	--	--	T, E 100	S, Irr	Slotted from 160 to 360 ft. Gravel packed. Reported yield of 800 gpm. Temp. 79°F.
210	do.	do	1962	200	12	200	Ec	655	127.95 133.00	Sept. 3, 1969 Feb. 28, 1972	N	N	Slotted from 160 to 200 ft. Gravel packed. Observation well. <u>Y</u>
211	Chester Boyd	do	1964	219	12	219	Ec	625	--	--	T, G	Irr	Slotted. Gravel packed. Pump set at 180 ft. Development test: Drawdown of 35 ft while pumping 1,657 gpm on Feb. 11, 1964.

See footnotes at end of table.

MEDINA COUNTY (SOUTHERN PART)

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
TD-68-50-212	Chester Boyd	E. H. Cannon Drilling Co.	1963	183	12	183	Ec	615	--	--	T, E 100'	Irr	Slotted. Gravel packed. Pump set at 160 ft. Development test: Drawdown of 34 ft while pumping 1,620 gpm on Feb. 26, 1963.
57-213	Paul Marbach	--	--	--	--	--	Ec	615	81.28	Sept. 3, 1969	T, C	S, Irr	Gravel packed.
214	Morales Feed Lot	E. H. Cannon Drilling Co.	1970	256	20	230	Ec	680	150	July 24, 1970	T, E	Irr	Perforated from 150 to 250 ft. Gravel packed. Development test: Drawdown of 90 ft while pumping 600 gpm in July 1970. <u>2</u>
302	A. A. Mann	A. A. Mann	1935	105	6	15	Ed	640	85.47	May 12, 1960	N	N	Abandoned. Perforated from 85 to 105 ft. Historical observation well.
303	Walter Rodgers	Strickers Water Well Service	1968	220	8	220	Ec	615	90	July 26, 1968	T, C	Irr	Slotted from 150 to 220 ft. Gravel packed. <u>1</u>
304	J. E. Odem	Alfred Mann Water Wells	1950	124	8	124	Ec	625	61.5	Feb. 7, 1952	T, E 7-1/2	D, S	Well J-7-43 in Texas Board of Water Engineers Bulletin 5601. Perforated from 80 to 124 ft. Reported yield of 460 gpm with drawdown of 42 ft on Feb. 17, 1952.
305	C. W. Blackerby	--	--	--	--	--	Ec	615	--	--	T, G	S, Irr	--
306	Texas Water Development Board	Texas Water Development Board	1971	192	--	--	Ec	635	--	--	N	N	Abandoned. <u>2</u>
307	do	do.	1971	409	3	315	Ec, Ewi	643	97.11	Feb. 24, 1971	N	N	Slotted from 126 to 315 ft. Open hole from 315 to 409 ft. Observation well. <u>1</u> <u>2</u> <u>3</u>
58-101	J. N. Wingate	--	--	141	4	141	Ec	650	110.92	May 12, 1960	C, W	D, S	Well deepened from 116 to 141 ft in 1964. Perforated. Observation well. <u>3</u>
102	Chester Boyd	E. H. Cannon Drilling Co.	1967	500	12	500	Ec, Ewi	599	--	--	T, Ng 125	S, Irr	Slotted. Gravel packed. Pump set at 160 ft.
103	George Bohl	Lawrence and Joe Swiers	1969	398	12	398	Ec	620	109.03	Sept. 2, 1969	T, C	Irr	Slotted from 168 to 328 ft and 356 to 395 ft. Gravel packed. Development test yielded 1,800 gpm. <u>1</u>
104	Douglass Downing	--	--	--	--	--	Ec	660	--	--	T, C	Irr	--
105	Floyd Newman	E. H. Cannon Drilling Co.	1967	340	12	340	Ec	640	109.11	Aug. 25, 1969	T, E 100	Irr	Slotted from 180 to 340 ft. Gravel packed. Pump set at 180 ft. Reported yield of 1,000 gpm. Development test: Drawdown of 45 ft while pumping 1,800 gpm.
106	do	do.	1966	373	12	373	Ec	642	115.95	do.	T, E 125	Irr	Slotted from 180 to 373 ft. Gravel packed. Pump set at 200 ft. Reported yield of 1,150 gpm. Development test: Drawdown of 40 ft while pumping 1,800 gpm.
107	Frank M. Coyne	Strickers Water Well Service	1969	270	8	270	Ec	638	111.37	Sept. 10, 1969	T	Irr	Slotted. Gravel packed. <u>1</u>
109	Chester Boyd	E. H. Cannon Drilling Co.	1968	490	12	490	Ec	610	112.27	Sept. 2, 1969	T, E 125	Irr	Slotted. Gravel packed. Pump set at 160 ft. Observation well. <u>3</u>
* 69-54-601	Herman Fohn	--	--	--	--	--	Ewi	760	65.35	Dec. 8, 1969	C, W	S	Temp. 74°F.
* 701	Henry Gross	--	1940	400	8	400	Rwl	875	162.4	Aug. 23, 1951	N	N	Well I-7-3 in Texas Board of Water Engineers Bulletin 5601. Slotted from 335 to 385 ft. Temp. 76°F.
* 901	Marvin Uzsell	J. Roberts	1951	172	5	172	Ewi	770	38.50	Oct. 5, 1951	C, W	S	Well I-8-7 in Texas Board of Water Engineers Bulletin 5601. Temp. 74°F. Observation well. <u>3</u>

See footnotes at end of table.



MEDINA COUNTY (SOUTHERN PART)

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	CASING			WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
				DEPTH OF WELL (ft)	DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
TD-69-55-601	Edwin Yanta	--	1967	2,646	16	2,122	Yea	712	--	--	T, G	Irr	Open hole from 2,122 to 2,646 ft.
602	H. E. Mcfield	W. W. Kelly	1951	394	12	394	Ewi	759	109.1	Aug. 31, 1951	N	N	Well I-6-95 in Texas Board of Water Engineers Bulletin 5601. Abandoned. Slotted. Reported yield of 58 gpm with drawdown of 34 ft on Aug. 31, 1951.
901	Dan McCrea	Alfred Mann Water Wells	1950	225	8	100	Ewi	665	56.50 16.16	Feb. 18, 1952 Feb. 28, 1952	T, G 15	N	Well I-9-40 in Texas Board of Water Engineers Bulletin 5601. Open hole from 100 to 225 ft. Unused irrigation well. Reported yield of 120 gpm. Observation well. <u>y</u>
902	do	do	1950	341	8	241	Ewi	665	43.1	Aug. 21, 1951	T, G	Irr	Well I-9-37 in Texas Board of Water Engineers Bulletin 5601. Open hole from 241 to 341 ft. Reported yield of 300 gpm. Reported yield of 108 gpm with drawdown of 89 ft on Aug. 21, 1951. Temp. 76°F.
903	do	do	1952	289	12	100	Ewi	670	--	--	T, E 40	Irr	Open hole from 100 to 289 ft. Reported yield of 300 gpm. Development test yielded 500 gpm for 17 hours in 1952.
904	do	do.	1962	215	6	100	Ewi	668	--	--	T, E 7-1/2	Irr	Open hole from 100 to 215 ft. Reported yield of 150 gpm.
* 56-101	V. H. Neumann	do	1948	75	10	70	Ewi	760	40.40 30.33	Aug. 8, 1951 Feb. 28, 1952	C, W, J, E	S	Well I-6-82 in Texas Board of Water Engineers Bulletin 5601. Slotted from 35 to 70 ft. Open hole from 70 to 75 ft. Reported yield of 10 gpm. Reported yield of 9 gpm with drawdown of 7 ft for 2 hours on Aug. 8, 1951. Temp. 76°F. Observation well. <u>y</u>
* 502	B. W. Ross	Frazier and Upton Drilling Co.	1948	302	7	300	Ewi	722	85.7	Oct. 13, 1952	Sub, H 3	D, S	Well I-6-119 in Texas Board of Water Engineers Bulletin 5601. Slotted. Temp. 78°F.
503	do	do	1965	320	7	320	Ewi	715	88.11	Nov. 25, 1969	Sub, H 1	N	Oil test converted to water well. Slotted from 300 to 320 ft. Unused livestock well.
504	do	L. V. Doss	1951	256	9	256	Ewi	711	29.4	Apr. 14, 1951	N	N	Well I-6-111 in Texas Board of Water Engineers Bulletin 5601. Oil test drilled to 1,700 ft, plugged back to 256 ft, and converted to water well. Slotted. Development test: Drawdown of 46 ft while pumping 250 gpm on Apr. 24, 1951. <u>y</u>
* 505	Fred Yanta	Frazier and Upton Drilling Co.	1964	300	12	300	Ewi	710	--	--	T, G 75	Irr	Slotted. Gravel packed. Pump set at 270 ft. Reported yield of 800 gpm. Development test yielded 850 gpm in 1964. Temp. 76°F.
* 601	Gilbert Faibo	--	--	135	5	135	Ewi	715	91.1 91.7	Aug. 8, 1951 Aug. 10, 1952	C, E 2	D, E	Pump set at 135 ft. Reported yield of 10 gpm. Reported yield of 7 gpm with drawdown of 2.6 ft on Nov. 9, 1951. Temp. 82°F.
602	do	L. V. Doss	1951	251	13 10 8	157 217 251	Ewi	745	72.8	Dec. 28, 1951	T, C 30	Irr	Well I-6-123 in Texas Board of Water Engineers Bulletin 5601. Perforated from 135 to 155 ft, 158 to 207 ft, and 209 to 241 ft. Pump set at 231 ft. Reported yield of 420 gpm with drawdown of 34 ft for 4 hours on Dec. 28, 1951. <u>y</u>
603	do	Frazier and Upton Drilling Co.	1952	300	8	300	Ewi	730	102.3	Oct. 10, 1952	T, G 60	Irr	Well I-6-126 in Texas Board of Water Engineers Bulletin 5601. Slotted from 185 to 300 ft. Pump set at 248 ft. Reported yield of 466 gpm.
604	do	do.	1952	340	8	340	Ewi	720	94.5	do.	N	N	Well I-6-127 in Texas Board of Water Engineers Bulletin 5601. Abandoned. Slotted. Reported yield of 40 gpm.

See footnotes at end of table.

MEDINA COUNTY (SOUTHERN PART)

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* TD-69-56-505	Edwin Yanta	Frazier and Upton Drilling Co.	1963	325	12	325	Ewl	760	--	--	T, G 80	Irr	Gravel packed. Pump set at 300 ft. Reported yield of 500 gpm.
* 606	do	Strickers Water Well Service	1967	300	8	300	Ewl	830	--	--	Sub, E 3	D, S	Slotted from 250 to 300 ft. Gravel packed. Reported yield of 25 gpm. Temp. 68°F.
* 901	Frank Silvey	E. H. Cannon Drilling Co.	1965	365	12	344	Ewl	716	--	--	T, G 140	Irr	Slotted from 224 to 344 ft. Gravel-packed. Pump set at 227 ft. Reported yield of 500 gpm. Development test: Drawdown of 73 ft while pumping 935 gpm for 1/2 hour on Oct. 23, 1965. Temp. 79°F. <sup>1/</sup>
* 902	do	do	1966	370	12	370	Ewl	716	153.07	Sept. 4, 1969	T, G 140	Irr	Slotted from 256 to 370 ft. Gravel packed. Pump set at 345 ft. Reported yield of 400 gpm. Temp. 80°F. <sup>1/</sup>
63-304	Harrison Wilson	Alfred Mann Water Wells	1952	210	7	120	Ewl	662	74.3	Aug. 4, 1952	Sub, E 1	D, S	Well I-9-44 in Texas Board of Water Engineers Bulletin 5601. Slotted from 80 to 120 ft. Open hole from 120 to 210 ft.
* 64-202	Christine Weaver	do	1951	210	10	210	Ec	660	94.5	Feb. 19, 1952	T, G 65	S	Well I-9-28 in Texas Board of Water Engineers Bulletin 5601. Perforated from 90 to 210 ft. Pump set at 197 ft. Reported yield of 460 gpm with drawdown of 34 ft on Feb. 19, 1952. Temp. 77°F.

\* For chemical analysis of water, see Table 4.  
<sup>1/</sup> Drillers' log in files of Texas Water Development Board.  
<sup>2/</sup> Mechanical logs in files of the Texas Water Development Board.  
<sup>3/</sup> For water-level measurements from observation wells, see Table 3.

# MEDINA COUNTY (SOUTHERN PART)

## Table 2.—Selected Oil, Gas, and Stratigraphic Tests

Type Log: D, Drillers'; E, Electric; R, Radioactive; S, Sample.  
Logs in the Texas Water Development Board files

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
TD-68-57-306	Texas Water Develop- ment Board	Texas Water Develop- ment Board No. 4-1	1971	192	635	E,R, D,S
69-63-101	Humble Oil and Refining Co.	E. Wilson No. 1	1948	7,167	680	E

# MEDINA COUNTY (SOUTHERN PART)

## Table 3.—Water Levels in Selected Wells

Water-level measurements, in feet, above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well TD-68-49-808</b>		<b>Well TD-68-49-902—Continued</b>		<b>Well TD-68-49-902—Continued</b>	
Owner: Lewis Lee Laurin		Feb. 25, 1953	77.2	Aug. 15, 1953	77.6
Aug. 26, 1970	62.64	Feb. 28, 1953	77.6	Aug. 20, 1953	76.5
Mar. 30, 1971	78.84	Mar. 5, 1953	76.3	Aug. 25, 1953	75.9
Feb. 28, 1972	70.10	Mar. 10, 1953	76.7	Aug. 31, 1953	75.2
<b>Well TD-68-49-902</b>		Mar. 15, 1953	76.5	Sept. 5, 1953	75.0
Owner: City of Devine		Mar. 20, 1953	75.8	Sept. 10, 1953	74.9
(Recorder well, recorder installed Oct. 21, 1952 and removed Oct. 12, 1971)		Mar. 25, 1953	76.7	Sept. 15, 1953	75.0
Oct. 11, 1952	75.2	Mar. 31, 1953	76.2	Sept. 20, 1953	75.0
Oct. 21, 1952	74.8	Apr. 5, 1953	75.9	Sept. 25, 1953	75.1
Oct. 25, 1952	74.9	Apr. 10, 1953	75.9	Sept. 30, 1953	75.6
Oct. 31, 1952	74.4	Apr. 15, 1953	76.7	Oct. 5, 1953	75.0
Nov. 5, 1952	75.5	Apr. 20, 1953	75.7	Oct. 10, 1953	74.7
Nov. 10, 1952	75.2	Apr. 25, 1953	76.3	Oct. 15, 1953	74.6
Nov. 15, 1952	75.2	Apr. 30, 1953	76.7	Oct. 20, 1953	74.6
Nov. 20, 1952	75.6	May 5, 1953	76.6	Oct. 25, 1953	74.4
Nov. 25, 1952	75.2	May 10, 1953	76.8	Oct. 31, 1953	74.5
Nov. 30, 1952	75.4	May 15, 1953	77.3	Nov. 5, 1953	74.4
Dec. 5, 1952	75.7	May 20, 1953	77.6	Nov. 10, 1953	74.3
Dec. 10, 1952	76.1	May 25, 1953	77.8	Nov. 15, 1953	74.2
Dec. 15, 1952	75.9	May 31, 1953	78.9	Nov. 20, 1953	74.2
Dec. 20, 1952	75.8	June 5, 1953	78.6	Nov. 25, 1953	74.3
Dec. 25, 1952	77.1	June 10, 1953	79.4	Nov. 30, 1953	74.2
Dec. 31, 1952	77.2	June 15, 1953	77.2	Dec. 5, 1953	74.0
Jan. 5, 1953	77.3	June 20, 1953	78.0	Dec. 10, 1953	74.0
Jan. 10, 1953	77.6	June 25, 1953	78.3	Dec. 15, 1953	74.1
Jan. 15, 1953	77.9	June 30, 1953	76.3	Dec. 20, 1953	74.0
Jan. 20, 1953	78.0	July 5, 1953	76.1	Dec. 25, 1953	74.5
Jan. 25, 1953	77.3	July 10, 1953	78.0	Dec. 31, 1953	74.3
Jan. 31, 1953	77.3	July 15, 1953	76.1	Jan. 5, 1954	74.4
Feb. 5, 1953	76.6	July 20, 1953	77.1	Jan. 10, 1954	74.3
Feb. 10, 1953	77.4	July 25, 1953	77.4	Jan. 15, 1954	74.0
Feb. 15, 1953	76.7	July 31, 1953	77.8	Jan. 20, 1954	74.0
Feb. 20, 1953	77.6	Aug. 5, 1953	78.0	Jan. 25, 1954	74.0
		Aug. 10, 1953	78.1	Jan. 31, 1954	74.0

Table 3.—Water Levels in Selected Wells in Medina County (Southern Part)—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well TD-68-49-902—Continued</b>		<b>Well TD-68-49-902—Continued</b>		<b>Well TD-68-49-902—Continued</b>	
Feb. 5, 1954	74.0	Aug. 15, 1954	80.7	Feb. 25, 1955	74.5
Feb. 10, 1954	73.7	Aug. 20, 1954	79.3	Feb. 28, 1955	74.5
Feb. 15, 1954	73.8	Aug. 25, 1954	79.1	Mar. 5, 1955	75.1
Feb. 20, 1954	74.3	Aug. 31, 1954	77.7	Mar. 10, 1955	74.5
Feb. 25, 1954	74.0	Sept. 5, 1954	78.5	Mar. 15, 1955	74.5
Feb. 28, 1954	74.3	Sept. 10, 1954	78.0	Mar. 20, 1955	74.0
Mar. 5, 1954	74.2	Sept. 15, 1954	78.4	Mar. 25, 1955	74.3
Mar. 10, 1954	73.9	Sept. 20, 1954	77.6	Mar. 31, 1955	74.1
Mar. 13, 1954	75.0	Sept. 25, 1954	78.2	Apr. 5, 1955	74.2
Mar. 20, 1954	75.1	Sept. 30, 1954	77.3	Apr. 10, 1955	74.2
Mar. 25, 1954	75.1	Oct. 5, 1954	76.8	Apr. 15, 1955	74.2
Mar. 31, 1954	75.3	Oct. 10, 1954	76.8	Apr. 20, 1955	74.4
Apr. 5, 1954	74.9	Oct. 15, 1954	77.7	Apr. 25, 1955	74.7
Apr. 10, 1954	74.5	Oct. 20, 1954	77.7	Apr. 30, 1955	75.2
Apr. 15, 1954	74.4	Oct. 25, 1954	77.2	May 5, 1955	75.8
Apr. 20, 1954	75.5	Oct. 31, 1954	76.7	May 10, 1955	76.4
Apr. 25, 1954	75.9	Nov. 5, 1954	76.5	May 15, 1955	74.7
Apr. 30, 1954	74.8	Nov. 10, 1954	76.1	May 20, 1955	74.8
May 5, 1954	75.3	Nov. 15, 1954	76.0	May 25, 1955	75.2
May 10, 1954	76.2	Nov. 20, 1954	76.0	May 31, 1955	74.8
May 15, 1954	76.8	Nov. 25, 1954	76.0	June 5, 1955	74.9
May 20, 1954	76.1	Nov. 30, 1954	75.4	June 10, 1955	75.4
May 25, 1954	74.3	Dec. 5, 1954	75.6	June 15, 1955	75.4
May 31, 1954	74.2	Dec. 10, 1954	75.1	June 20, 1955	76.2
June 5, 1954	76.1	Dec. 15, 1954	75.1	June 25, 1955	76.1
June 10, 1954	76.6	Dec. 20, 1954	75.2	June 30, 1955	76.8
June 15, 1954	77.2	Dec. 25, 1954	75.2	July 5, 1955	77.2
June 20, 1954	75.7	Dec. 31, 1954	75.0	July 10, 1955	78.3
June 25, 1954	77.6	Jan. 5, 1955	75.1	July 15, 1955	77.4
June 30, 1954	76.0	Jan. 10, 1955	75.0	July 20, 1955	77.1
July 5, 1954	75.0	Jan. 15, 1955	74.9	July 25, 1955	78.3
July 10, 1954	76.1	Jan. 20, 1955	74.7	July 31, 1955	78.5
July 15, 1954	77.2	Jan. 25, 1955	74.8	Aug. 5, 1955	76.9
July 20, 1954	77.9	Jan. 31, 1955	74.7	Aug. 10, 1955	76.8
July 25, 1954	79.8	Feb. 5, 1955	74.6	Aug. 15, 1955	76.7
July 31, 1954	78.6	Feb. 10, 1955	74.5	Aug. 20, 1955	76.5
Aug. 5, 1954	79.3	Feb. 15, 1955	74.5	Aug. 25, 1955	77.4
Aug. 10, 1954	79.8	Feb. 20, 1955	74.7	Aug. 31, 1955	79.4

Table 3.—Water Levels in Selected Wells in Medina County (Southern Part)—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well TD-68-49-902—Continued</b>		<b>Well TD-68-49-902—Continued</b>		<b>Well TD-68-49-902—Continued</b>	
Sept. 5, 1955	76.4	Mar. 15, 1956	76.4	Sept. 25, 1956	77.4
Sept. 10, 1955	76.8	Mar. 20, 1956	76.6	Sept. 30, 1956	76.9
Sept. 15, 1955	77.4	Mar. 25, 1956	78.6	Oct. 5, 1956	76.5
Sept. 20, 1955	76.2	Mar. 31, 1956	79.8	Oct. 10, 1956	76.6
Sept. 25, 1955	76.1	Apr. 5, 1956	79.3	Oct. 15, 1956	76.3
Sept. 30, 1955	76.0	Apr. 10, 1956	76.6	Oct. 20, 1956	76.1
Oct. 5, 1955	76.4	Apr. 15, 1956	76.9	Oct. 25, 1956	76.0
Oct. 10, 1955	75.7	Apr. 20, 1956	76.4	Oct. 31, 1956	76.0
Oct. 15, 1955	75.7	Apr. 25, 1956	75.9	Nov. 5, 1956	76.1
Oct. 20, 1955	77.8	Apr. 30, 1956	76.7	Nov. 10, 1956	75.9
Oct. 25, 1955	76.4	May 5, 1956	76.6	Nov. 15, 1956	75.8
Oct. 31, 1955	77.3	May 10, 1956	78.3	Nov. 20, 1956	76.3
Nov. 5, 1955	76.1	May 15, 1956	78.8	Nov. 25, 1956	75.8
Nov. 10, 1955	75.6	May 20, 1956	78.0	Nov. 30, 1956	75.9
Nov. 15, 1955	75.7	May 25, 1956	76.9	Dec. 5, 1956	75.9
Nov. 20, 1955	75.5	May 31, 1956	77.8	Dec. 10, 1956	75.8
Nov. 25, 1955	75.7	June 5, 1956	77.6	Dec. 15, 1956	76.1
Nov. 30, 1955	75.4	June 10, 1956	76.8	Dec. 20, 1956	76.0
Dec. 5, 1955	75.4	June 15, 1956	76.8	Dec. 25, 1956	76.3
Dec. 10, 1955	75.3	June 20, 1956	76.7	Dec. 31, 1956	75.9
Dec. 15, 1955	75.6	June 25, 1956	76.6	Jan. 20, 1957	75.9
Dec. 20, 1955	77.3	June 30, 1956	76.7	Jan. 25, 1957	76.0
Dec. 25, 1955	76.1	July 5, 1956	76.8	Jan. 31, 1957	76.0
Dec. 31, 1955	77.8	July 10, 1956	76.9	Feb. 5, 1957	76.2
Jan. 5, 1956	76.9	July 15, 1956	76.3	Feb. 10, 1957	76.1
Jan. 10, 1956	76.4	July 20, 1956	77.0	Feb. 15, 1957	76.1
Jan. 15, 1956	75.8	July 25, 1956	76.7	Feb. 20, 1957	76.2
Jan. 20, 1956	75.8	July 31, 1956	77.3	Feb. 25, 1957	75.9
Jan. 25, 1956	75.8	Aug. 5, 1956	77.6	Feb. 28, 1957	76.2
Jan. 31, 1956	75.6	Aug. 10, 1956	77.4	Mar. 5, 1957	76.3
Feb. 5, 1956	75.6	Aug. 15, 1956	78.3	Mar. 10, 1957	76.0
Feb. 10, 1956	75.6	Aug. 20, 1956	77.5	Mar. 15, 1957	76.5
Feb. 15, 1956	75.9	Aug. 25, 1956	77.4	Mar. 20, 1957	76.0
Feb. 20, 1956	76.1	Aug. 31, 1956	77.2	Mar. 25, 1957	76.4
Feb. 25, 1956	75.8	Sept. 5, 1956	76.7	Mar. 31, 1957	76.1
Feb. 29, 1956	75.9	Sept. 10, 1956	77.1	Apr. 5, 1957	76.5
Mar. 5, 1956	76.0	Sept. 15, 1956	77.1	Apr. 10, 1957	76.3
Mar. 10, 1956	78.0	Sept. 20, 1956	77.5	Apr. 15, 1957	76.4

Table 3.—Water Levels in Selected Wells in Medina County (Southern Part)—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well TD-68-49-902—Continued</b>		<b>Well TD-68-49-902—Continued</b>		<b>Well TD-68-49-902—Continued</b>	
Apr. 20, 1957	76.5	Oct. 31, 1957	79.0	Aug. 5, 1958	79.2
Apr. 25, 1957	76.5	Nov. 5, 1957	79.8	Aug. 10, 1958	78.9
Apr. 30, 1957	76.4	Nov. 10, 1957	79.1	Aug. 15, 1958	79.0
May 5, 1957	76.7	Nov. 15, 1957	78.8	Aug. 20, 1958	78.9
May 10, 1957	76.6	Nov. 20, 1957	79.3	Aug. 25, 1958	78.9
May 15, 1957	76.6	Nov. 25, 1957	78.5	Aug. 31, 1958	79.0
May 20, 1957	76.4	Nov. 30, 1957	78.5	Sept. 5, 1958	78.9
May 25, 1957	77.7	Dec. 5, 1957	78.5	Sept. 10, 1958	78.7
May 31, 1957	76.8	Dec. 10, 1957	78.0	Sept. 15, 1958	78.6
June 5, 1957	78.2	Dec. 15, 1957	78.5	Sept. 20, 1958	78.3
June 10, 1957	77.3	Dec. 20, 1957	78.2	Sept. 25, 1958	78.6
June 15, 1957	77.6	Dec. 25, 1957	77.7	Sept. 30, 1958	78.2
June 20, 1957	77.3	Dec. 31, 1957	78.0	Oct. 5, 1958	78.6
June 25, 1957	78.4	Jan. 5, 1958	78.0	Oct. 10, 1958	78.5
June 30, 1957	78.8	Jan. 10, 1958	77.9	Oct. 15, 1958	78.4
July 5, 1957	79.6	Jan. 15, 1958	78.2	Oct. 20, 1958	78.2
July 10, 1957	80.1	Jan. 20, 1958	77.8	Oct. 25, 1958	78.4
July 15, 1957	80.5	Jan. 25, 1958	78.0	Oct. 31, 1958	78.4
July 20, 1957	80.6	Jan. 31, 1958	77.8	Nov. 5, 1958	78.1
July 25, 1957	79.7	Feb. 5, 1958	77.8	Nov. 10, 1958	78.2
July 31, 1957	77.9	Feb. 10, 1958	78.1	Nov. 15, 1958	78.2
Aug. 5, 1957	77.5	Feb. 15, 1958	78.3	Nov. 20, 1958	78.3
Aug. 10, 1957	77.4	Feb. 20, 1958	78.9	Nov. 25, 1958	78.2
Aug. 15, 1957	77.9	Feb. 25, 1958	78.0	Nov. 30, 1958	78.2
Aug. 20, 1957	77.5	Feb. 28, 1958	78.0	Dec. 5, 1958	78.0
Aug. 25, 1957	77.5	Mar. 5, 1958	78.1	Dec. 10, 1958	78.3
Aug. 31, 1957	77.5	Mar. 10, 1958	78.3	Dec. 15, 1958	78.2
Sept. 5, 1957	77.7	Mar. 15, 1958	78.6	Dec. 20, 1958	78.4
Sept. 10, 1957	77.6	Mar. 20, 1958	78.9	Dec. 25, 1958	78.2
Sept. 15, 1957	77.3	Mar. 25, 1958	79.1	Dec. 31, 1958	78.0
Sept. 20, 1957	77.4	Apr. 27, 1958	78.7	Jan. 5, 1959	78.1
Sept. 25, 1957	77.5	May 26, 1958	78.6	Jan. 10, 1959	78.1
Sept. 30, 1957	77.6	May 31, 1958	80.6	Jan. 15, 1959	78.2
Oct. 5, 1957	77.6	June 2, 1958	80.0	Jan. 20, 1959	77.8
Oct. 10, 1957	78.6	July 16, 1958	79.3	Feb. 25, 1959	77.9
Oct. 15, 1957	79.0	July 20, 1958	80.1	Mar. 1, 1959	77.8
Oct. 20, 1957	78.8	July 25, 1958	79.3	Mar. 25, 1959	78.1
Oct. 25, 1957	79.6	July 31, 1958	78.6	Mar. 31, 1959	78.0

Table 3.—Water Levels in Selected Wells in Medina County (Southern Part)—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well TD-68-49-902—Continued		Well TD-68-49-902—Continued		Well TD-68-49-902—Continued	
Apr. 5, 1959	77.9	Oct. 25, 1959	79.2	May 5, 1960	77.8
Apr. 10, 1959	78.0	Oct. 31, 1959	79.5	May 10, 1960	78.1
Apr. 15, 1959	77.9	Nov. 5, 1959	79.3	May 15, 1960	78.8
Apr. 20, 1959	77.9	Nov. 10, 1959	79.3	May 20, 1960	78.6
Apr. 25, 1959	77.9	Nov. 15, 1959	79.4	May 25, 1960	77.9
Apr. 30, 1959	77.7	Nov. 20, 1959	79.2	May 31, 1960	78.3
May 5, 1959	78.0	Nov. 25, 1959	79.3	June 5, 1960	78.5
May 10, 1959	77.8	Nov. 30, 1959	79.3	June 10, 1960	79.8
May 15, 1959	78.3	Dec. 5, 1959	79.34	June 15, 1960	79.9
May 20, 1959	78.2	Dec. 10, 1959	79.15	June 20, 1960	79.4
May 25, 1959	78.0	Dec. 15, 1959	79.17	June 25, 1960	78.3
May 31, 1959	78.1	Dec. 20, 1959	79.42	June 30, 1960	77.8
June 5, 1959	78.6	Dec. 25, 1959	79.2	July 5, 1960	77.8
June 10, 1959	78.6	Dec. 31, 1959	78.9	July 10, 1960	78.3
June 15, 1959	78.8	Jan. 5, 1960	78.9	July 15, 1960	77.9
June 20, 1959	78.9	Jan. 10, 1960	78.9	July 20, 1960	78.0
June 25, 1959	78.9	Jan. 15, 1960	79.2	July 25, 1960	77.8
June 30, 1959	78.5	Jan. 20, 1960	79.4	July 31, 1960	77.8
July 5, 1959	78.6	Jan. 25, 1960	78.6	Aug. 5, 1960	78.1
July 10, 1959	79.5	Jan. 31, 1960	79.0	Aug. 10, 1960	78.0
July 15, 1959	79.5	Feb. 5, 1960	79.1	Aug. 15, 1960	77.5
July 20, 1959	79.5	Feb. 10, 1960	78.8	Aug. 20, 1960	78.0
July 25, 1959	78.6	Feb. 15, 1960	79.0	Aug. 25, 1960	78.3
July 31, 1959	78.5	Feb. 20, 1960	78.4	Aug. 31, 1960	78.0
Aug. 5, 1959	78.7	Feb. 25, 1960	78.4	Sept. 5, 1960	78.1
Aug. 10, 1959	79.6	Feb. 29, 1960	78.7	Sept. 10, 1960	78.9
Aug. 15, 1959	79.6	Mar. 5, 1960	79.0	Sept. 15, 1960	78.1
Aug. 20, 1959	80.2	Mar. 10, 1960	77.9	Sept. 20, 1960	78.1
Aug. 25, 1959	79.2	Mar. 15, 1960	78.3	Sept. 25, 1960	77.7
Aug. 31, 1959	79.1	Mar. 20, 1960	78.4	Sept. 30, 1960	77.7
Sept. 5, 1959	79.9	Mar. 25, 1960	78.0	Oct. 5, 1960	77.58
Sept. 11, 1959	80.0	Mar. 31, 1960	77.8	Oct. 10, 1960	77.68
Sept. 25, 1959	79.6	Apr. 5, 1960	77.9	Oct. 15, 1960	77.68
Sept. 30, 1959	79.2	Apr. 10, 1960	78.1	Oct. 20, 1960	77.60
Oct. 5, 1959	79.1	Apr. 15, 1960	77.7	Oct. 25, 1960	77.22
Oct. 10, 1959	79.0	Apr. 20, 1960	77.9	Oct. 31, 1960	76.92
Oct. 15, 1959	79.0	Apr. 25, 1960	78.0	Nov. 5, 1960	77.52
Oct. 20, 1959	79.2	Apr. 30, 1960	78.0	Nov. 10, 1960	77.30



**Table 3.—Water Levels in Selected Wells in Medina County (Southern Part)—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well TD-68-49-902—Continued</b>		<b>Well TD-68-49-902—Continued</b>		<b>Well TD-68-49-902—Continued</b>	
Nov. 15, 1960	77.34	May 25, 1961	78.73	Dec. 5, 1961	77.05
Nov. 20, 1960	77.37	May 31, 1961	78.79	Dec. 10, 1961	77.09
Nov. 25, 1960	77.38	June 5, 1961	78.83	Dec. 15, 1961	77.19
Nov. 30, 1960	77.92	June 10, 1961	78.40	Dec. 20, 1961	77.56
Dec. 5, 1960	77.70	June 15, 1961	77.40	Dec. 25, 1961	77.26
Dec. 10, 1960	77.50	June 20, 1961	76.88	Dec. 31, 1961	77.33
Dec. 15, 1960	77.89	June 25, 1961	76.60	Jan. 5, 1962	76.97
Dec. 20, 1960	77.70	June 30, 1961	76.59	Jan. 10, 1962	76.94
Dec. 25, 1960	77.58	July 5, 1961	76.54	Jan. 15, 1962	77.32
Dec. 31, 1960	77.55	July 10, 1961	76.40	Jan. 19, 1962	77.29
Jan. 5, 1961	77.55	July 15, 1961	76.40	Jan. 25, 1962	76.88
Jan. 10, 1961	77.48	July 20, 1961	76.22	Jan. 31, 1962	77.08
Jan. 15, 1961	77.59	July 25, 1961	76.30	Feb. 5, 1962	76.12
Jan. 20, 1961	77.90	July 31, 1961	76.25	Feb. 10, 1962	76.01
Jan. 26, 1961	78.15	Aug. 5, 1961	76.15	Feb. 15, 1962	75.55
Jan. 31, 1961	77.85	Aug. 10, 1961	76.22	Feb. 20, 1962	75.35
Feb. 5, 1961	77.80	Aug. 15, 1961	76.10	Feb. 25, 1962	75.34
Feb. 10, 1961	78.01	Aug. 20, 1961	76.07	Mar. 5, 1962	75.65
Feb. 15, 1961	78.31	Aug. 25, 1961	75.96	Mar. 10, 1962	75.18
Feb. 20, 1961	78.30	Aug. 31, 1961	75.87	Mar. 15, 1962	75.45
Feb. 25, 1961	78.58	Sept. 5, 1961	76.22	Mar. 20, 1962	74.95
Feb. 28, 1961	78.77	Sept. 10, 1961	75.73	Mar. 25, 1962	75.62
Mar. 5, 1961	78.60	Sept. 15, 1961	76.20	Mar. 31, 1962	75.40
Mar. 10, 1961	78.89	Sept. 20, 1961	75.71	Apr. 5, 1962	75.03
Mar. 15, 1961	78.74	Sept. 25, 1961	76.25	Apr. 10, 1962	75.08
Mar. 20, 1961	79.08	Sept. 30, 1961	75.70	Apr. 15, 1962	75.33
Mar. 25, 1961	78.83	Oct. 5, 1961	75.71	Apr. 20, 1962	75.15
Mar. 31, 1961	78.99	Oct. 10, 1961	75.68	Apr. 25, 1962	75.08
Apr. 5, 1961	78.85	Oct. 15, 1961	75.97	Apr. 30, 1962	75.20
Apr. 10, 1961	78.78	Oct. 20, 1961	75.76	May 5, 1962	75.51
Apr. 15, 1961	79.00	Oct. 25, 1961	75.80	May 10, 1962	75.40
Apr. 20, 1961	78.90	Oct. 31, 1961	75.68	May 15, 1962	76.04
Apr. 24, 1961	78.50	Nov. 5, 1961	75.80	May 20, 1962	76.42
Apr. 30, 1961	78.66	Nov. 10, 1961	75.45	May 25, 1962	76.89
May 5, 1961	78.75	Nov. 15, 1961	75.59	May 31, 1962	76.10
May 10, 1961	78.85	Nov. 20, 1961	75.48	June 5, 1962	75.75
May 15, 1961	78.85	Nov. 25, 1961	75.66	June 10, 1962	76.90
May 20, 1961	78.78	Nov. 30, 1961	76.69	June 15, 1962	77.10

**Table 3.—Water Levels in Selected Wells in Medina County (Southern Part)—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well TD-68-49-902—Continued</b>		<b>Well TD-68-49-902—Continued</b>		<b>Well TD-68-49-902—Continued</b>	
June 20, 1962	77.26	Jan. 10, 1963	74.59	July 25, 1963	76.24
June 25, 1962	77.28	Jan. 15, 1963	75.19	July 31, 1963	76.38
June 30, 1962	76.65	Jan. 25, 1963	74.82	Aug. 5, 1963	76.40
July 5, 1962	77.15	Jan. 31, 1963	74.96	Aug. 10, 1963	76.40
July 10, 1962	77.29	Feb. 5, 1963	74.94	Aug. 15, 1963	76.55
July 15, 1962	77.29	Feb. 10, 1963	75.18	Aug. 20, 1963	76.46
July 20, 1962	77.40	Feb. 15, 1963	75.59	Aug. 25, 1963	76.57
July 25, 1962	77.30	Feb. 20, 1963	75.00	Aug. 31, 1963	76.57
July 31, 1962	77.30	Feb. 25, 1963	74.80	Sept. 5, 1963	76.52
Aug. 5, 1962	77.30	Feb. 28, 1963	74.70	Sept. 10, 1963	76.57
Aug. 10, 1962	77.30	Mar. 5, 1963	75.19	Sept. 15, 1963	76.42
Aug. 15, 1962	77.35	Mar. 10, 1963	74.98	Sept. 20, 1963	76.08
Aug. 20, 1962	77.23	Mar. 15, 1963	75.20	Sept. 25, 1963	75.88
Aug. 25, 1962	77.18	Mar. 20, 1963	75.88	Sept. 30, 1963	76.08
Aug. 31, 1962	76.41	Mar. 25, 1963	75.60	Oct. 5, 1963	76.00
Sept. 5, 1962	76.64	Mar. 31, 1963	75.77	Oct. 10, 1963	75.98
Sept. 10, 1962	76.04	Apr. 5, 1963	75.29	Oct. 15, 1963	75.89
Sept. 15, 1962	75.96	Apr. 10, 1963	74.95	Oct. 20, 1963	75.80
Sept. 20, 1962	76.29	Apr. 15, 1963	75.20	Oct. 25, 1963	76.18
Oct. 5, 1962	76.00	Apr. 20, 1963	75.62	Oct. 31, 1963	75.60
Oct. 10, 1962	76.00	Apr. 25, 1963	75.95	Nov. 5, 1963	75.47
Oct. 15, 1962	76.00	Apr. 30, 1963	75.89	Nov. 10, 1963	75.78
Oct. 20, 1962	76.02	May 5, 1963	75.16	Nov. 15, 1963	75.42
Oct. 25, 1962	76.17	May 10, 1963	74.84	Nov. 20, 1963	75.37
Oct. 31, 1962	75.80	May 15, 1963	75.59	Nov. 25, 1963	75.26
Nov. 5, 1962	75.77	May 20, 1963	75.20	Nov. 30, 1963	75.30
Nov. 10, 1962	76.69	May 25, 1963	74.75	Dec. 5, 1963	75.20
Nov. 15, 1962	75.57	May 31, 1963	74.89	Dec. 10, 1963	74.78
Nov. 20, 1962	75.81	June 5, 1963	74.80	Dec. 20, 1963	74.71
Nov. 25, 1962	76.77	June 10, 1963	74.92	Dec. 25, 1963	74.58
Nov. 30, 1962	75.62	June 15, 1963	75.80	Dec. 31, 1963	74.69
Dec. 5, 1962	75.89	June 20, 1963	75.29	Jan. 5, 1964	74.53
Dec. 10, 1962	75.30	June 25, 1963	75.25	Jan. 10, 1964	74.40
Dec. 15, 1962	75.27	June 30, 1963	75.25	Jan. 15, 1964	74.39
Dec. 20, 1962	75.26	July 6, 1963	74.80	Jan. 21, 1964	74.48
Dec. 25, 1962	75.12	July 10, 1963	75.29	Jan. 25, 1964	74.71
Dec. 31, 1962	74.86	July 15, 1963	75.44	Jan. 31, 1964	74.55
Jan. 5, 1963	74.92	July 20, 1963	75.94	Feb. 6, 1964	74.20

Table 3.—Water Levels in Selected Wells in Medina County (Southern Part)—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well TD-68-49-902—Continued</b>		<b>Well TD-68-49-902—Continued</b>		<b>Well TD-68-49-902—Continued</b>	
Feb. 10, 1964	74.46	Aug. 25, 1964	75.98	Mar. 5, 1965	75.23
Feb. 15, 1964	74.52	Aug. 31, 1964	76.07	Mar. 10, 1965	75.11
Feb. 20, 1964	74.68	Sept. 5, 1964	75.94	Mar. 15, 1965	75.17
Feb. 25, 1964	74.52	Sept. 10, 1964	75.96	Mar. 20, 1965	75.48
Feb. 29, 1964	74.49	Sept. 15, 1964	75.88	Mar. 25, 1965	75.05
Mar. 5, 1964	74.67	Sept. 20, 1964	75.84	Mar. 31, 1965	75.19
Mar. 10, 1964	74.62	Sept. 25, 1964	75.65	Apr. 5, 1965	75.08
Mar. 15, 1964	74.61	Sept. 30, 1964	75.44	Apr. 10, 1965	74.99
Mar. 20, 1964	74.70	Oct. 5, 1964	75.73	Apr. 15, 1965	75.28
Mar. 31, 1964	74.46	Oct. 10, 1964	75.43	Apr. 20, 1965	75.36
Apr. 5, 1964	74.44	Oct. 15, 1964	75.28	Apr. 25, 1965	75.10
Apr. 10, 1964	74.33	Oct. 20, 1964	75.45	Apr. 30, 1965	75.32
Apr. 15, 1964	74.78	Oct. 25, 1964	75.14	May 5, 1965	75.18
Apr. 20, 1964	74.34	Oct. 31, 1964	75.32	May 10, 1965	75.27
Apr. 25, 1964	74.51	Nov. 5, 1964	75.54	May 15, 1965	75.20
Apr. 30, 1964	74.69	Nov. 10, 1964	75.20	May 20, 1965	75.04
May 5, 1964	75.11	Nov. 15, 1964	75.36	May 25, 1965	74.62
May 10, 1964	75.12	Nov. 20, 1964	75.51	May 31, 1965	75.01
May 15, 1964	75.28	Nov. 25, 1964	75.04	June 5, 1965	75.20
May 20, 1964	75.94	Nov. 30, 1964	75.55	June 10, 1965	75.72
May 25, 1964	75.50	Dec. 5, 1964	75.76	June 15, 1965	75.69
May 31, 1964	75.48	Dec. 10, 1964	75.18	June 20, 1965	75.90
June 5, 1964	75.34	Dec. 15, 1964	75.11	June 25, 1965	75.78
June 10, 1964	75.49	Dec. 20, 1964	75.32	June 30, 1965	75.98
June 15, 1964	75.92	Dec. 25, 1964	75.01	July 5, 1965	75.95
June 20, 1964	75.91	Dec. 31, 1964	75.37	July 10, 1965	75.81
June 25, 1964	76.06	Jan. 5, 1965	75.38	July 15, 1965	75.78
June 30, 1964	75.78	Jan. 10, 1965	76.46	July 20, 1965	75.75
July 5, 1964	76.15	Jan. 15, 1965	76.23	July 25, 1965	75.80
July 10, 1964	76.17	Jan. 20, 1965	75.03	July 31, 1965	75.85
July 15, 1964	76.11	Jan. 25, 1965	75.04	Aug. 5, 1965	76.05
July 20, 1964	76.10	Jan. 31, 1965	75.03	Aug. 10, 1965	75.96
July 26, 1964	75.97	Feb. 5, 1965	75.06	Aug. 15, 1965	75.95
July 31, 1964	76.09	Feb. 10, 1965	75.08	Aug. 20, 1965	75.85
Aug. 5, 1964	76.00	Feb. 16, 1965	75.20	Aug. 25, 1965	75.91
Aug. 10, 1964	75.84	Feb. 20, 1965	75.00	Aug. 31, 1965	76.75
Aug. 15, 1964	75.84	Feb. 25, 1965	75.60	Sept. 5, 1965	75.84
Aug. 20, 1964	75.86	Feb. 28, 1965	74.77	Sept. 10, 1965	75.62

**Table 3.—Water Levels in Selected Wells in Medina County (Southern Part)—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well TD-68-49-902—Continued</b>		<b>Well TD-68-49-902—Continued</b>		<b>Well TD-68-49-902—Continued</b>	
Sept. 15, 1965	75.60	Apr. 25, 1966	74.91	Nov. 10, 1966	74.86
Sept. 20, 1965	75.70	Apr. 30, 1966	75.04	Nov. 15, 1966	75.00
Sept. 25, 1965	75.87	May 5, 1966	74.86	Nov. 20, 1966	75.00
Sept. 30, 1965	75.68	May 10, 1966	74.75	Nov. 25, 1966	74.78
Oct. 5, 1965	75.42	May 20, 1966	75.15	Nov. 30, 1966	74.85
Oct. 10, 1965	75.48	May 25, 1966	75.15	Dec. 5, 1966	74.42
Oct. 15, 1965	75.39	May 31, 1966	75.22	Dec. 10, 1966	74.98
Oct. 20, 1965	75.60	June 5, 1966	75.02	Dec. 15, 1966	74.28
Oct. 25, 1965	75.75	June 10, 1966	75.18	Dec. 20, 1966	74.15
Oct. 31, 1965	75.53	June 15, 1966	75.13	Dec. 25, 1966	74.21
Nov. 5, 1965	75.57	June 20, 1966	75.18	Dec. 31, 1966	74.12
Nov. 10, 1965	75.54	June 25, 1966	75.10	Jan. 5, 1967	73.88
Nov. 15, 1965	75.51	June 30, 1966	74.99	Jan. 10, 1967	74.30
Nov. 20, 1965	75.36	July 5, 1966	75.10	Jan. 15, 1967	74.52
Nov. 25, 1965	75.37	July 10, 1966	75.01	Jan. 20, 1967	74.02
Dec. 31, 1965	75.28	July 15, 1966	75.08	Jan. 25, 1967	73.95
Jan. 5, 1966	75.38	July 20, 1966	75.05	Jan. 31, 1967	73.93
Jan. 10, 1966	75.40	July 26, 1966	75.19	Feb. 5, 1967	73.63
Jan. 15, 1966	75.19	July 31, 1966	75.18	Feb. 10, 1967	73.59
Jan. 20, 1966	75.24	Aug. 5, 1966	75.15	Feb. 15, 1967	73.85
Jan. 25, 1966	75.38	Aug. 10, 1966	75.22	Feb. 20, 1967	73.93
Jan. 29, 1966	75.49	Aug. 15, 1966	75.15	Feb. 25, 1967	74.10
Feb. 5, 1966	75.09	Aug. 20, 1966	75.00	Feb. 28, 1967	75.05
Feb. 10, 1966	75.21	Aug. 25, 1966	75.10	Mar. 5, 1967	75.55
Feb. 15, 1966	75.19	Aug. 31, 1966	75.09	Mar. 10, 1967	73.92
Feb. 20, 1966	75.31	Sept. 5, 1966	75.10	Mar. 15, 1967	74.00
Feb. 25, 1966	74.97	Sept. 10, 1966	74.89	Mar. 20, 1967	73.78
Feb. 28, 1966	75.18	Sept. 15, 1966	74.78	Mar. 25, 1967	73.63
Mar. 5, 1966	75.45	Sept. 20, 1966	74.95	Mar. 31, 1967	73.86
Mar. 10, 1966	75.24	Sept. 25, 1966	74.80	Apr. 5, 1967	73.70
Mar. 15, 1966	75.20	Sept. 30, 1966	74.80	Apr. 10, 1967	73.78
Mar. 20, 1966	75.20	Oct. 5, 1966	74.70	Apr. 15, 1967	73.80
Mar. 25, 1966	75.24	Oct. 10, 1966	74.50	Apr. 20, 1967	73.60
Mar. 31, 1966	75.05	Oct. 15, 1966	74.80	Apr. 25, 1967	73.67
Apr. 5, 1966	75.39	Oct. 20, 1966	74.94	Apr. 30, 1967	73.52
Apr. 9, 1966	75.05	Oct. 25, 1966	75.12	May 5, 1967	73.74
Apr. 15, 1966	75.11	Oct. 31, 1966	74.70	May 10, 1967	73.70
Apr. 20, 1966	75.03	Nov. 5, 1966	75.00	May 15, 1967	74.15

**Table 3.—Water Levels in Selected Wells in Medina County (Southern Part)—Continued**

Well TD-68-49-902—Continued			Well TD-68-49-902—Continued			Well TD-68-49-902—Continued		
DATE	WATER LEVEL		DATE	WATER LEVEL		DATE	WATER LEVEL	
May 20, 1967	74.35		Nov. 30, 1967	73.98		June 10, 1968	73.57	
May 25, 1967	74.03		Dec. 5, 1967	73.95		June 15, 1968	73.68	
May 31, 1967	73.71		Dec. 10, 1967	73.94		June 20, 1968	73.62	
June 5, 1967	74.00		Dec. 15, 1967	73.18		June 25, 1968	73.55	
June 10, 1967	74.23		Dec. 20, 1967	73.84		June 30, 1968	73.70	
June 15, 1967	74.11		Dec. 25, 1967	73.75		July 5, 1968	73.66	
June 20, 1967	74.55		Dec. 31, 1967	73.82		July 10, 1968	73.67	
June 25, 1967	74.70		Jan. 5, 1968	73.89		July 15, 1968	73.70	
June 30, 1967	74.66		Jan. 10, 1968	73.93		July 20, 1968	73.65	
July 5, 1967	74.50		Jan. 15, 1968	73.73		July 25, 1968	73.73	
July 10, 1967	74.72		Jan. 20, 1968	73.91		July 31, 1968	73.65	
July 15, 1967	74.79		Jan. 25, 1968	73.61		Aug. 5, 1968	73.74	
July 20, 1967	74.77		Jan. 31, 1968	73.76		Aug. 10, 1968	73.87	
July 25, 1967	74.63		Feb. 5, 1968	73.95		Aug. 15, 1968	73.99	
July 31, 1967	74.66		Feb. 10, 1968	73.57		Aug. 20, 1968	74.24	
Aug. 5, 1967	74.96		Feb. 15, 1968	73.86		Aug. 25, 1968	74.23	
Aug. 10, 1967	74.92		Feb. 20, 1968	73.45		Aug. 31, 1968	74.14	
Aug. 15, 1967	74.77		Feb. 25, 1968	73.85		Sept. 5, 1968	74.05	
Aug. 20, 1967	74.65		Feb. 29, 1968	73.95		Sept. 10, 1968	73.89	
Aug. 25, 1967	74.50		Mar. 5, 1968	73.60		Sept. 15, 1968	73.58	
Aug. 31, 1967	74.50		Mar. 10, 1968	73.33		Sept. 20, 1968	73.76	
Sept. 5, 1967	74.39		Mar. 15, 1968	73.76		Sept. 25, 1968	73.82	
Sept. 10, 1967	74.40		Mar. 20, 1968	73.52		Sept. 30, 1968	73.83	
Sept. 15, 1967	74.31		Mar. 25, 1968	73.61		Oct. 5, 1968	73.45	
Sept. 20, 1967	74.17		Mar. 31, 1968	73.55		Oct. 10, 1968	73.80	
Sept. 25, 1967	74.30		Apr. 5, 1968	73.95		Oct. 15, 1968	73.50	
Sept. 30, 1967	74.30		Apr. 10, 1968	73.90		Oct. 20, 1968	73.65	
Oct. 5, 1967	74.51		Apr. 15, 1968	73.60		Oct. 25, 1968	73.71	
Oct. 10, 1967	74.33		Apr. 20, 1968	73.70		Oct. 31, 1968	73.54	
Oct. 15, 1967	74.32		Apr. 25, 1968	73.51		Nov. 5, 1968	73.30	
Oct. 20, 1967	74.55		Apr. 30, 1968	73.69		Nov. 10, 1968	73.22	
Oct. 25, 1967	74.28		May 5, 1968	73.60		Nov. 15, 1968	73.32	
Oct. 31, 1967	74.17		May 10, 1968	73.40		Nov. 20, 1968	73.69	
Nov. 5, 1967	74.37		May 15, 1968	73.50		Nov. 25, 1968	73.30	
Nov. 10, 1967	73.97		May 20, 1968	73.72		Nov. 30, 1968	73.37	
Nov. 15, 1967	74.09		May 25, 1968	73.52		Dec. 5, 1968	73.35	
Nov. 20, 1967	73.93		May 31, 1968	73.44		Dec. 10, 1968	73.52	
Nov. 25, 1967	74.00		June 5, 1968	73.45		Dec. 15, 1968	73.45	

**Table 3.—Water Levels in Selected Wells in Medina County (Southern Part)—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well TD-68-49-902—Continued</b>		<b>Well TD-68-49-902—Continued</b>		<b>Well TD-68-49-902—Continued</b>	
Dec. 20, 1968	73.25	July 31, 1969	73.40	Feb. 15, 1970	72.75
Dec. 25, 1968	73.15	Aug. 5, 1969	73.42	Feb. 20, 1970	73.43
Dec. 31, 1968	73.63	Aug. 10, 1969	73.37	Feb. 25, 1970	72.92
Jan. 5, 1969	73.21	Aug. 14, 1969	73.36	Feb. 28, 1970	72.87
Jan. 10, 1969	73.53	Aug. 20, 1969	73.50	Mar. 5, 1970	72.89
Jan. 15, 1969	73.19	Aug. 25, 1969	73.37	Mar. 10, 1970	72.73
Jan. 20, 1969	73.24	Aug. 31, 1969	73.47	Mar. 15, 1970	72.75
Jan. 25, 1969	73.53	Sept. 5, 1969	73.38	Mar. 20, 1970	73.06
Jan. 31, 1969	73.34	Sept. 10, 1969	73.50	Mar. 25, 1970	72.73
Feb. 5, 1969	73.04	Sept. 15, 1969	73.29	Mar. 31, 1970	72.87
Feb. 10, 1969	73.26	Sept. 20, 1969	73.33	Apr. 5, 1970	73.08
Feb. 15, 1969	73.31	Sept. 25, 1969	73.23	Apr. 10, 1970	72.91
Feb. 20, 1969	73.15	Sept. 30, 1969	73.15	Apr. 15, 1970	72.96
Feb. 25, 1969	73.29	Oct. 5, 1969	73.26	Apr. 20, 1970	73.05
Feb. 28, 1969	73.44	Oct. 10, 1969	72.91	Apr. 25, 1970	73.04
Mar. 5, 1969	73.01	Oct. 15, 1969	73.17	Apr. 30, 1970	73.05
Mar. 10, 1969	73.59	Oct. 20, 1969	73.21	May 5, 1970	73.29
Mar. 15, 1969	73.08	Oct. 25, 1969	73.31	May 10, 1970	73.00
Mar. 20, 1969	73.14	Oct. 31, 1969	73.28	May 15, 1970	73.24
Mar. 25, 1969	73.57	Nov. 5, 1969	73.18	May 20, 1970	73.21
Mar. 31, 1969	73.26	Nov. 10, 1969	73.26	May 25, 1970	73.23
Apr. 5, 1969	73.32	Nov. 15, 1969	73.44	May 31, 1970	73.18
Apr. 10, 1969	73.25	Nov. 20, 1969	73.61	June 5, 1970	73.37
Apr. 15, 1969	73.21	Nov. 25, 1969	73.59	June 10, 1970	73.02
Apr. 20, 1969	73.31	Nov. 31, 1969	73.30	June 15, 1970	73.28
Apr. 25, 1969	73.01	Dec. 5, 1969	73.35	June 20, 1970	73.19
Apr. 29, 1969	73.60	Dec. 10, 1969	73.14	June 25, 1970	73.20
May 31, 1969	72.88	Dec. 15, 1969	73.23	June 30, 1970	73.38
June 5, 1969	73.18	Dec. 20, 1969	72.98	July 5, 1970	73.25
June 10, 1969	72.95	Dec. 25, 1969	73.20	July 10, 1970	73.19
June 15, 1969	73.34	Dec. 31, 1969	73.36	July 15, 1970	73.33
June 20, 1969	73.26	Jan. 5, 1970	73.02	July 20, 1970	73.13
June 25, 1969	73.22	Jan. 10, 1970	72.72	July 25, 1970	73.18
June 30, 1969	73.45	Jan. 15, 1970	72.94	July 31, 1970	73.03
July 5, 1969	73.32	Jan. 20, 1970	73.12	Aug. 5, 1970	73.21
July 10, 1969	73.35	Jan. 25, 1970	72.92	Aug. 10, 1970	73.08
July 15, 1969	73.33	Jan. 31, 1970	72.68	Aug. 15, 1970	73.24
July 20, 1969	73.34	Feb. 5, 1970	73.06	Aug. 20, 1970	73.01
July 25, 1969	73.33	Feb. 10, 1970	72.99	Aug. 25, 1970	73.15

**Table 3.—Water Levels in Selected Wells in Medina County (Southern Part)—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well TD-68-49-902—Continued</b>		<b>Well TD-68-49-902—Continued</b>		<b>Well TD-68-49-902—Continued</b>	
Aug. 31, 1970	73.18	Mar. 10, 1971	72.86	Sept. 25, 1971	73.02
Sept. 5, 1970	73.06	Mar. 15, 1971	73.15	Sept. 30, 1971	73.01
Sept. 10, 1970	73.16	Mar. 20, 1971	72.97	Oct. 5, 1971	73.18
Sept. 15, 1970	73.08	Mar. 25, 1971	72.78	Oct. 10, 1971	73.10
Sept. 20, 1970	73.04	Mar. 31, 1971	72.73	Oct. 12, 1971	72.96
Sept. 25, 1970	73.22	Apr. 5, 1971	73.17	<b>Well TD-68-50-702</b>	
Sept. 30, 1970	73.05	Apr. 10, 1971	73.07	Owner: Sam Caraway	
Oct. 5, 1970	72.98	Apr. 15, 1971	72.68	Sept. 2, 1969	143.43
Oct. 10, 1970	73.12	Apr. 20, 1971	73.05	Mar. 25, 1970	139.15
Oct. 15, 1970	73.38	Apr. 25, 1971	72.92	Feb. 28, 1972	145.22
Oct. 20, 1970	73.14	Apr. 30, 1971	73.08	<b>Well TD-68-57-210</b>	
Oct. 25, 1970	72.99	May 5, 1971	72.61	Owner: Morales Feed Lot	
Oct. 31, 1970	73.15	May 10, 1971	72.82	Sept. 3, 1969	127.95
Nov. 5, 1970	73.17	May 15, 1971	72.92	Mar. 25, 1970	128.60
Nov. 10, 1970	73.17	May 20, 1971	73.07	Mar. 30, 1971	125.89
Nov. 15, 1970	73.49	May 25, 1971	73.00	Feb. 28, 1972	133.00
Nov. 20, 1970	73.16	May 31, 1971	72.82	<b>Well TD-68-57-307</b>	
Nov. 25, 1970	72.86	June 5, 1971	72.84	Owner: Texas Water Development Board	
Nov. 30, 1970	73.00	June 10, 1971	72.78	Feb. 24, 1971	97.11
Dec. 5, 1970	73.13	June 15, 1971	72.85	Mar. 22, 1971	97.14
Dec. 10, 1970	72.94	June 20, 1971	72.92	Apr. 20, 1971	97.22
Dec. 15, 1970	72.72	June 25, 1971	72.92	May 17, 1971	97.13
Dec. 20, 1970	73.08	June 30, 1971	72.95	June 16, 1971	97.28
Dec. 25, 1970	73.00	July 5, 1971	72.81	July 20, 1971	97.16
Dec. 31, 1970	73.10	July 10, 1971	72.93	Aug. 20, 1971	97.32
Jan. 5, 1971	73.41	July 15, 1971	72.87	Sept. 28, 1971	97.27
Jan. 10, 1971	72.87	July 20, 1971	72.96	Oct. 15, 1971	97.30
Jan. 15, 1971	73.21	July 25, 1971	72.93	Nov. 26, 1971	97.37
Jan. 20, 1971	73.07	July 31, 1971	73.03	Dec. 17, 1971	97.64
Jan. 25, 1971	72.92	Aug. 5, 1971	73.12	Jan. 18, 1972	97.55
Jan. 31, 1971	72.63	Aug. 10, 1971	72.96	Feb. 25, 1972	97.96
Feb. 5, 1971	72.78	Aug. 15, 1971	73.15	Mar. 24, 1972	98.00
Feb. 10, 1971	72.91	Aug. 20, 1971	73.17	<b>Well TD-68-58-101</b>	
Feb. 15, 1971	72.82	Aug. 25, 1971	73.15	Owner: J. W. Wingate	
Feb. 20, 1971	72.59	Aug. 31, 1971	72.97	May 12, 1960	110.92
Feb. 25, 1971	72.66	Sept. 5, 1971	73.04	Aug. 10, 1960	111.11
Feb. 28, 1971	72.88	Sept. 10, 1971	72.91		
Mar. 5, 1971	72.63	Sept. 15, 1971	72.93		
		Sept. 20, 1971	73.18		

**Table 3.—Water Levels in Selected Wells in Medina County (Southern County)—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well TD-68-58-101—Continued</b>		<b>Well TD-68-58-109</b>		<b>Well TD-69-55-901</b>	
Nov. 16, 1960	111.27	Owner: Chester Boyd		Owner: Dan McCrea	
Jan. 31, 1961	111.53	Sept. 2, 1969	112.27	Feb. 18, 1952	56.50
Dec. 17, 1962	113.24	Mar. 25, 1970	112.66	Dec. 1, 1969	24.60
Jan. 22, 1964	113.36	Mar. 31, 1971	115.02	Aug. 25, 1970	20.00
Feb. 23, 1965	114.34	Feb. 28, 1972	116.40	Mar. 30, 1971	20.91
Feb. 26, 1966	116.20	<b>Well TD-69-54-901</b>		Feb. 28, 1972	16.16
Mar. 6, 1967	117.93	Owner: Marvin Uzzell		<b>Well TD-69-56-101</b>	
Feb. 16, 1968	114.78	Oct. 5, 1951	38.50	Owner: V. H. Neumann	
Feb. 5, 1969	115.30	Dec. 8, 1969	42.00	Aug. 8, 1951	40.40
Mar. 25, 1970	134.81	Aug. 26, 1970	44.16	Aug. 25, 1970	34.67
Mar. 31, 1971	125.29	Mar. 30, 1971	45.43	Mar. 30, 1971	34.91
Feb. 28, 1972	126.28			Feb. 28, 1972	30.33



MEDINA COUNTY (SOUTHERN PART)

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)

Water-bearing unit: Kea, Edwards and associated limestones; Ew1, Wilcox Group; Ee, Carrizo Sand; Er, Eekay Formation; Eqc, Queen City Sand; Ew, Weches Formation; Eb, Bigford Formation; Rep, El Pico Clay; Es, Sparta Sand; El, Laredo Formation; Eom, Cook Mountain Formation; Ey, Yegua Formation; Ej, Jackson Group; Mc, Catahoula Tuff; Mo, Oakville Sandstone; Mi, Lagarto Clay; Qt, terrace gravel; Qal, alluvium.

Dissolved solids : The bicarbonate "reported" is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.

Analyses by Texas State Department of Health unless indicated by footnote.

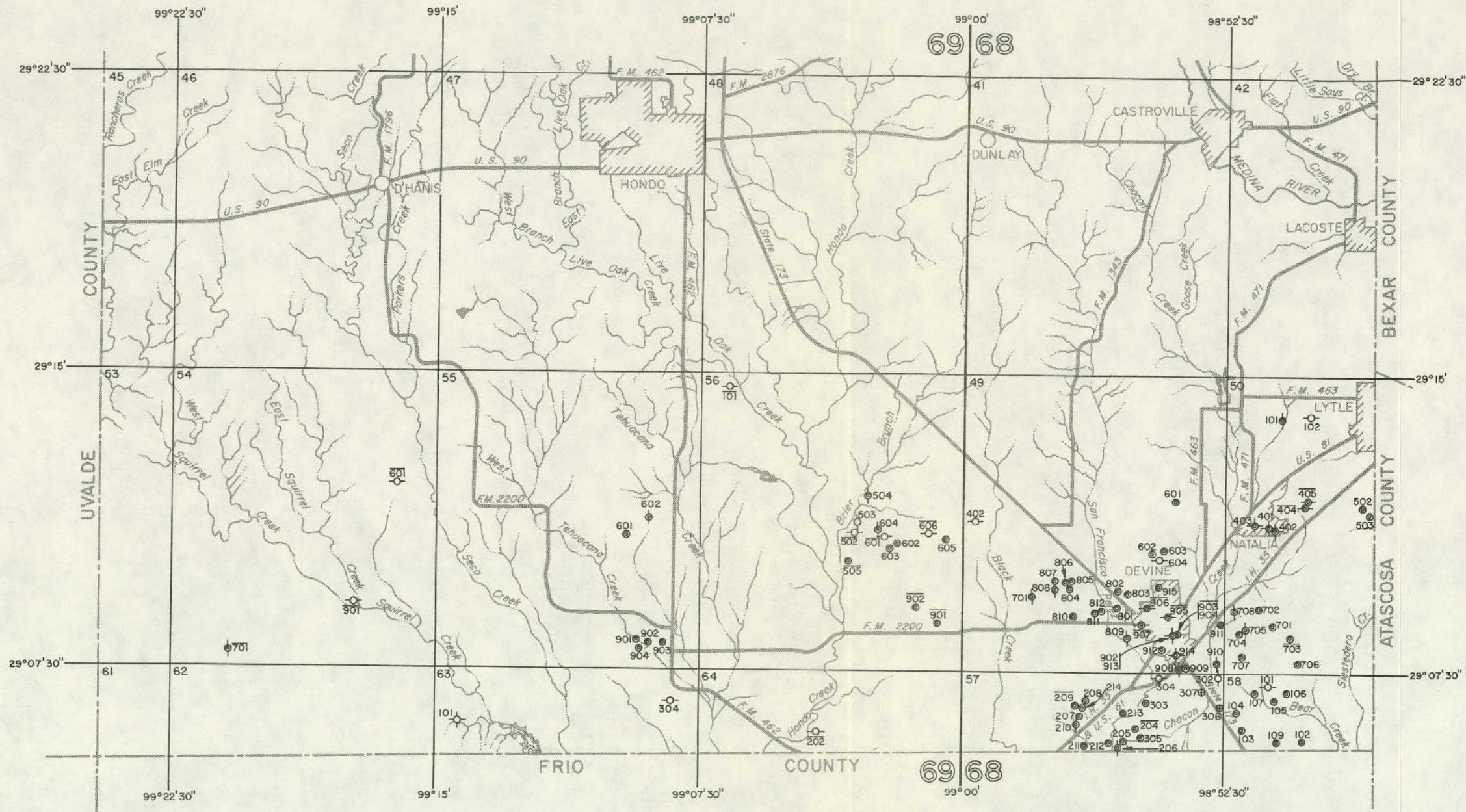
WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC		
2/ TD-68-49-903	Ec	287	Feb. 19, 1946	13	0.00	63	15	98	10	346	77	56	0.6	0.0	--	502	218	--	7.7	47.4	2.88	1.30		
	Ec	903	Sept. 4, 1969	19	7.40	82	14	90	8	226	83	140	.6	< .4	--	547	262	911	7.3	41.9	2.43	.00		
	Ec	267	July 13, 1972	17	.24	81	14	99	8.0	326	80	100	.6	< .4	0.5	560	259	891	7.4	44.5	2.68	.17		
	Ec	150	Sept. 4, 1969	--	.06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Ec	--	do	24	15.60	72	9	47	6	154	41	107	< .1	< .4	--	382	218	656	7.3	31.2	1.38	.00		
	Ec	141	do	--	.28	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	50-404	Ec	85	Nov. 26, 1969	27	--	55	8	49	7	101	33	108	.1	15.0	--	351	171	600	7.8	37.0	1.62	.00	
	405	Ec	100	do	27	--	15	4	27	4	22	20	47	.1	10.5	--	165	54	269	6.3	49.8	1.59	.00	
	703	Ec	287	Aug. 25, 1969	24	--	50	4	30	5	145	19	49	< .1	< .4	< .1	252	140	419	7.5	31.1	1.12	.00	
	703	Ec	287	July 14, 1972	29	--	27	4	26	5.0	79	15	47	.1	1.5	--	196	89	310	7.0	37.0	1.19	.00	
	57-204	Ec	150	Sept. 3, 1969	28	--	69	9	63	5	174	59	91	.3	8.5	.2	420	208	693	7.1	39.2	1.92	.00	
	209	Ec, Ew1	360	do	31	--	70	8	42	5	163	61	72	.3	2.0	.1	371	209	602	7.3	29.8	1.27	.00	
	209	Ec, Ew1	360	July 13, 1972	35	--	74	10	47	5.0	157	73	83	.3	4.5	--	409	225	642	7.2	30.7	1.24	.00	
	69-54-601	Ew1	--	Dec. 8, 1969	15	--	83	73	730	12	620	256	950	.2	< .4	--	2,423	510	3,800	7.9	75.0	13.99	.00	
2/ 701	Ew1	480	Aug. 23, 1951	16	--	196	80	520	--	471	733	565	--	4.8	--	2,346	818	3,610	7.2	58.0	7.91	.00		
			Oct. 5, 1951	38	--	592	142	494	--	187	1,820	740	--	55	--	3,973	2,060	5,090	7.0	34.3	4.73	.00		
2/ 901	Ew1	172	Dec. 8, 1969	31	--	422	88	310	11	217	1,060	520	.4	31.0	--	2,599	1,420	3,350	7.7	32.0	3.58	.00		
			Nov. 26, 1969	20	--	116	9	91	2	410	43	71	.2	46.0	--	601	331	964	7.3	37.3	2.18	.11		
56-101	Ew1	75	Nov. 26, 1969	20	--	116	9	91	2	410	43	71	.2	46.0	--	601	331	964	7.3	37.3	2.18	.11		
502	Ew1	302	Nov. 25, 1969	36	--	142	17	86	3	375	154	100	.3	< .4	--	722	423	1,089	7.1	30.6	1.83	.00		
505	Ew1	300	Dec. 3, 1969	36	--	248	36	169	10	372	251	411	.7	5.0	--	1,348	770	2,060	7.3	32.1	2.66	.00		
601	Ew1	135	do	38	--	131	20	92	8	399	128	106	.5	< .4	--	719	410	1,096	7.4	32.3	1.98	.00		
606	Ew1	300	do	22	--	120	18	85	5	401	96	96	.9	< .4	--	639	375	1,011	7.6	32.7	1.92	.00		
901	Ew1	365	Sept. 4, 1969	17	--	149	21	42	12	299	137	121	.8	1.5	--	647	457	1,016	7.2	16.3	.86	.00		
902	Ew1	370	do	30	--	235	31	58	8	254	267	245	.7	< .4	--	999	710	1,520	7.2	14.8	.94	.00		
64-202	Ec	210	Dec. 2, 1969	16	--	106	11	40	2	397	32	24	.1	< .4	--	426	309	689	7.4	22.0	1.00	.33		
202	Ec	210	July 13, 1972	21	--	141	11	21	3.0	417	43	32	.2	11.0	--	488	399	761	7.2	10.4	.47	.00		

\* Sodium and potassium calculated as sodium (Na).  
 y Includes the equivalent of any carbonate (CO<sub>3</sub>) present.

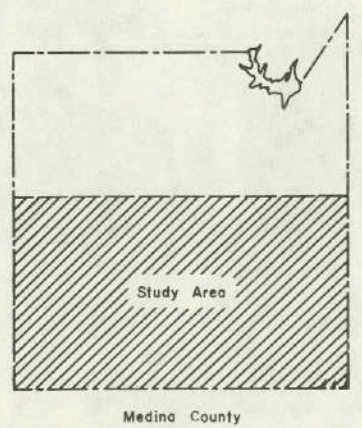
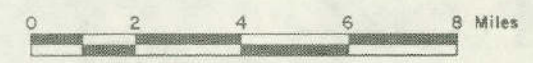
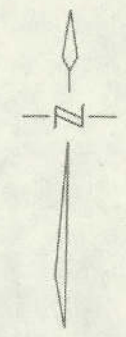
LABORATORY CONDUCTING ANALYSIS:  
 z/ U.S. Geological Survey Laboratory







- EXPLANATION**
- ⊕ Public supply well
  - ⊗ Industrial well
  - ⊙ Irrigation well
  - Domestic or livestock well
  - ◇ Oil or gas well
  - ⊕ Test hole
  - ⊗ ⊙ ⊙ Unused or abandoned well
  - Solid circle indicates flowing well
  - 601 Line above well number indicates chemical analysis given in Table 4



Location of Selected Water, Oil, and Gas Wells in Southern Medina County





## UVALDE COUNTY (SOUTHEASTERN PART)

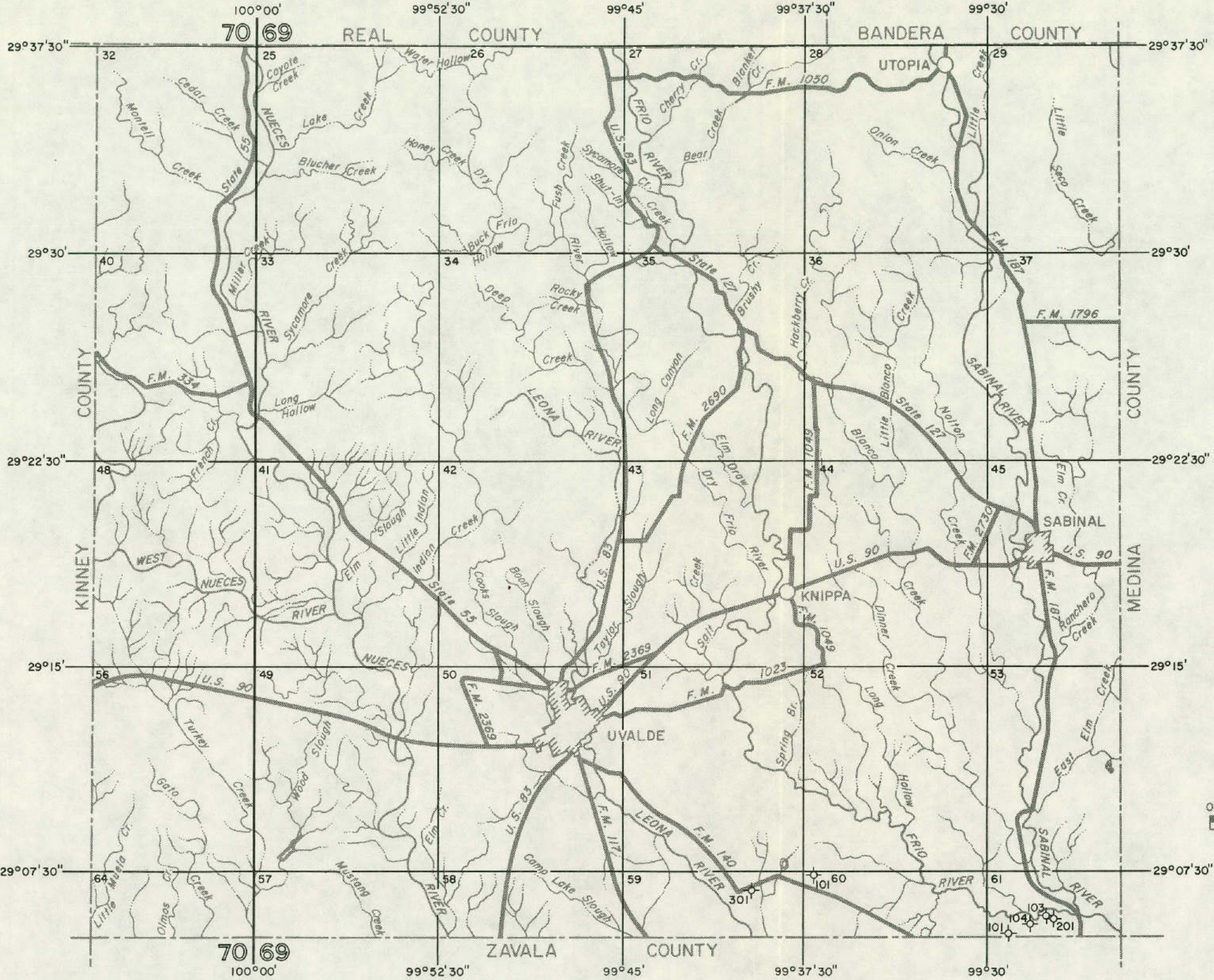
Table 2.—Selected Oil, Gas, and Stratigraphic Tests

Type Log: D, Drillers'; E, Electric; R, Radioactive; S, Sample.  
Logs in Texas Water Development Board files

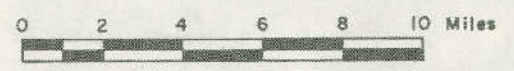
WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
YP-69-59-301	Tiger Oil and Gas Co.	Lilian Saidel No. 1	1967	805	847	E
60-101	W. J. Steeger	F. T. Kincaid No. 2	1961	4,000	775	E
61-101	Tiger Oil and Gas Co.	E. D. Kincaid, Sr. No. A-4	1965	1,505	730	E
103	do.	— Woodley No. 2	1965	1,210	720	E
104	Western Oil and Development Co.	E. D. Kincaid, Sr. et al. No. 1	1964	1,510	724	E
201	Ike Howeth	E. D. Kincaid No. 1	1963	5,629	718	E







- EXPLANATION**
- ⊙ Public supply well
  - ⊙ Industrial well
  - ⊙ Irrigation well
  - ⊙ Domestic or livestock well
  - ⊙ Oil or gas well
  - ⊙ Test hole
  - ⊙ Unused or abandoned well
  - ⊙ Solid circle indicates flowing well
  - ⊙ Line above well number indicates chemical analysis given in Table 4



Location of Selected Water, Oil, and Gas Wells in Southeastern Uvalde County







WEBB COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in remarks column.  
 Water level : Reported water levels given in feet; measured water levels given to the nearest tenth or hundredth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; CL, centrifugal; E, electric; G, gasoline, butane, or Diesel engine; H, hand; J, jet; N, none; Ng, natural gas; T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; M, none; P, public supply; S, livestock.  
 Water-bearing unit : Kea, Edwards and associated formations; Eol, Wilcox Group; Ec, Carrizo Sand; Er, Reklaw Formation; Egc, Queen City Sand; Ew, Weches Formation; Eb, Bigford Formation; Esp, El Paso Clay; Es, Sparta Sand; El, Laredo Formation; Ecm, Cook Mountain Formation; Ey, Yegua Formation; Bj, Jackson Group; Mc, Catahoula Ruff; Mo, Oakville Sandstone; Mi, Lagarto Clay; Qt, terrace gravel; Qal, alluvium.

WELL	OWNER	DRILLER	DATE COMPLETED	CASING			WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
				DEPTH OF WELL (ft)	DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* YZ-76-55-601	Chupadera Ranch	--	--	315	6	--	Ec, Ewi	605	103.5	July 20, 1961	C, W	S	Perforated.
* 56-502	do	Rene Gutierrez Water Well Drilling	1955	220	8	220	Ec, Ewi	620	--	--	T, E 7-1/2	D, S	Perforated from 180 to 220 ft.
* 601	do	S. M. Owens	1908	250	8	--	Ec, Ewi	715	--	--	T, E 3	D, S	Well 3 in Water-Supply Paper 778. Reported yield of 50 gpm.
* 802	do	--	--	150	5	150	Ec, Ewi	650	45.20	Sept. 23, 1965	C	S	Perforated from 130 to 150 ft.
* 64-201	do	--	--	180	8	180	Ec, Ewi	570	103.90	do.	C, W	S	Perforated from 140 to 180 ft.
* 77-49-601	Dolph Briscoe	Long Brothers Drilling Co.	1947	923	7 5	733 923	Ec	795	255.37 268.58	Feb. 11, 1965 Mar. 7, 1972	C, W	S	Perforated from 797 to 822 ft. and 847 to 871 ft. Temp. 85°F. Observation well. 3
* 50-601	A. E. Gates	do.	1945	1,570	7 5	1,366 1,570	Ec	655	202.60 218.63	Feb. 11, 1965 Mar. 8, 1972	Sub, E	D, S	Perforated from 1,382 to 1,413 ft., 1,445 to 1,477 ft. and 1,508 to 1,570 ft. Temp. 88°F. Observation well. 3
* 57-501	Dolph Briscoe	Clarence Homer Brown	1961	760	7 4	570 760	Ec	630	84.86 91.09	Feb. 11, 1965 Mar. 7, 1972	Sub, E	D, S	Temp. 82°F. Observation well. 3
* 58-201	A. E. Gates	Long Brothers Drilling Co.	1948	1,556	7	1,556	Ec, Ewi	740	295.95	Feb. 25, 1965	C, W	S	Perforated from 1,468 to 1,556 ft.
* 301	do	do	1946	1,635	7 5	1,368 1,635	Ec, Ewi	640	183.15 205.54	Feb. 11, 1965 Mar. 8, 1972	C, W	S	Perforated from 1,368 to 1,391 ft., 1,459 to 1,505 ft., 1,528 to 1,576 ft. and 1,620 to 1,635 ft. Temp. 90°F. Observation well. 3
701	John D. King	--	--	1,100	8	--	Ec	680	195.71 209.43	Feb. 11, 1965 Mar. 7, 1972	C, W	S	Observation well. 3
* 901	Ed Rachell Estate	--	1930	1,200	--	--	Ec	730	202.0 223.28	Aug. 22, 1961 Mar. 7, 1972	C, W	S	Do.
* 59-401	A. E. Gates	Long Brothers Drilling Co.	1947	1,800	7	1,800	Ec	720	248.65 285.41	Feb. 11, 1965 Mar. 8, 1972	C, W	S	Temp. 86°F. Observation well. 3
* 60-101	Ed Rachell Estate	E. Leach	1930	2,126	6 5	1,175 2,088	Ec	770	--	--	N	N	--
401	do.	do.	1930	2,126	6	2,126	Ec	790	317.9 332.9	Aug. 24, 1961 Feb. 8, 1965	C, W	N	Well 19 in Water-Supply Paper 778. Unused domestic and livestock well. Historical observation well.
* 61-301	W. B. Stokes	Rene Gutierrez Water Well Drilling	1957	295	7	--	El	642	149.62 152.41	Oct. 2, 1970 Mar. 6, 1972	C, W	D, S	Temp. 78°F. Observation well. 3
* 85-01-301	John D. King	--	--	1,500	8	--	Ec	680	65 162.70	Aug. 23, 1961 Mar. 7, 1972	Sub, E	S	Observation well. 3
03-903	Alberto Gonzales	--	1962	200	4	200	Esp	560	12.7	Sept. 25, 1970	N	N	--
* 04-401	R. M. Middleton and Sons	Long Brothers Drilling Co.	1964	2,010	7	1,991	Ec	624	139.31 163.89	Feb. 8, 1965 Mar. 8, 1972	Sub, E 7-1/2	D, S	Gun perforated from 1,842 to 1,892 ft. Cemented from 1,991 ft to surface. Reported yield of 60 gpm. Temp. 100°F. Observation well. 1/3
* 501	Randolph Slaughter	--	--	--	--	--	--	735	210.0	Aug. 26, 1961	C, W	S	--
* 502	John E. Long	Long Brothers Drilling Co.	1963	2,689	7 5	404 2,450	Ec	695	--	--	C, W	S	Gun perforated from 2,364 to 2,389 ft. 1/2

See footnotes at end of table.

WEBB COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* Y2-85-04-701	Malteberger and Sone	Long Brothers Drilling Co.	1964	2,177	7 5	500 1,945	Ec	622	140.80	Feb. 8, 1965	Sub, E 2	D, S	Perforated from 1,890 to 1,945 ft. Development test: Drawdown of 260 ft while pumping 38 gpm. Temp. 78°F. <u>1 2</u>
* 06-802	Callaghan Land and Cattle Co.	do	1942	468	6 5	300 460	E1	556	91.56 86.38	Oct. 1, 1970 Mar. 6, 1972	C, W	S	Perforated from 300 to 337 ft and 360 to 401 ft. Open hole from 460 to 468 ft. Temp. 79°F. Observation well. <u>1 3</u>
11-302	George Garcia	Hugh and Hugh	1969	2,000	7	2,000	Ec	625	89.36 90.78	Sept. 25, 1970 Mar. 7, 1972	C, W	D, S	Gas well converted to water well. Shot perforated from 1,918 to 1,936 ft. Cemented from 2,000 ft to surface. Observation well. <u>3</u>
* 12-102	G. A. Cox	Long Brothers Drilling Co.	1959	1,850	6	1,850	Ec	545	135.85	Aug. 11, 1965	Sub, E	S	Perforated from 1,830 to 1,850 ft.
* 601	Alfonso N. Benavides	--	--	207	6	--	Eep	635	62 60	Aug. 1, 1931 1951	Sub, E	D, S	Well 76 in Water-Supply Paper 778.
* 702	Louis F. Puig	--	1925	90	7	--	Eep	576	51.18 54.68 76.76	Aug. 24, 1961 1963 June 23, 1965	C, W	S	--
* 801	do	F. E. Roebuck	1930	251	7	--	Eep	624	117.5 112.1 114.35	July 25, 1931 Aug. 24, 1961 June 23, 1965	C, W	D, S	Well 92 in Water-Supply Paper 778. Perforated.
* 13-303	Callaghan Land and Cattle Co.	Rene Gutierrez Water Well Drilling	1957	510	7	507	E1	610	155.60 157.91	Oct. 1, 1970 Mar. 6, 1972	Sub, E	D	Perforated from 370 to 400 ft, 465 to 495 ft, and 500 to 507 ft. Temp. 80°F. Observation well. <u>3</u>
402	N. David Hechar	David E. De La Cruz	1965	505	7	505	E1	720	272.00 279.81	Oct. 1965 Mar. 7, 1972	C, W	S	Slotted from 365 to 360 ft and 475 to 500 ft. Observation well. <u>1 3</u>
* 19-201	T. S. Seibienski	Carl Vickers Water Wells	1960	1,301	7	--	Eb	543	44.70 40.25	1960 Mar. 7, 1972	C, W	N	Unused livestock well. Observation well. <u>2 3</u>
* 20-501	G. E. Reuthinger	--	1931	216	6	--	E1	578	132.83 168.06	Oct. 1, 1970 Mar. 7, 1972	C, W	S	Temp. 76°F. Observation well. <u>3</u>
* 28-901	Laredo Water Works	O. W. Killam Co.	1953	2,505	8	--	Mc	411	--	--	N	N	Abandoned. Temp. 104°F. <u>2</u>
* 29-301	Killam Cattle Co.	Rene Gutierrez Water Well Drilling	1960	200	7	200	E1	488	69.04 62.46	Sept. 30, 1970 Mar. 7, 1972	C, W	S	Perforated from 162 to 200 ft. Temp. 76°F. Observation well. <u>1 3</u>
803	Eloy Moreno	do	1943	200	7	167	E1	400	82.58 67.10	Sept. 24, 1970 Mar. 7, 1972	C, W	N	Open hole from 167 to 200 ft. Cemented. Unused domestic and livestock well. Observation well. <u>1 3</u>
* 30-201	Killam Cattle Co.	Long Brothers Drilling Co.	1936	416	6	--	Ey	615	69.04 122.2	Nov. 18, 1960 Aug. 23, 1961	C, W	S	--
* 37-402	Johnson Independent School District	Erasmus Rodriguez	1948	207	6	207	E1	420	90	1961	C, E	P	Slotted from 150 to 207 ft.
* 405	Rafael Cantu	Rene Gutierrez Water Well Drilling	1962	300	7	300	E1	421	86.15 112.29	Sept. 24, 1970 Mar. 7, 1972	Sub, E 1-1/2	D, S	Slotted from 110 to 148 ft, 192 to 227 ft, and 232 to 260 ft. Development test: Drawdown of 76 ft while pumping 24 gpm on Oct. 5, 1962. Temp. 81°F. Observation well. <u>1 3</u>
* 703	Wland Chamberland	do	1960	177	7	177	E1	440	72	1960	J, E 1	S	Slotted from 97 to 177 ft. <u>1</u>
46-401	Carlos Alexander	do	1955	400	7	358	E1	462	111.09 110.49	May 10, 1961 Mar. 7, 1972	C, W	D, S	Slotted from 358 to 400 ft. Observation well. <u>3</u>

\* For chemical analyses of water, see Table 4.  
1 Drillers' log in files of the Texas Water Development Board.  
2 Mechanical logs in files of the Texas Water Development Board.  
3 For water-level measurements from observation wells, see Table 3.

## WEBB COUNTY

**Table 2.—Selected Oil, Gas, and Stratigraphic Tests**

Type Log: D, Drillers'; E, Electric; R, Radioactive; S, Sample.  
Logs in Texas Water Development Board files.

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
YZ-77-50-401	Fred W. Shield and General Crude Oil Co.	Dolph Briscoe, Jr. No. 1	1962	4,615	800	E
53-402	Dan J. Harrison, Jr.	E. Fee No. 1	1963	7,000	633	E
501	Kirkwood and Morgan	A. E. Schletez No. 2	1955	4,611	524	E
703	Sutton Producing Co.	Sam Kone No. 1	1959	10,330	599	E
57-101	L. A. Nordan	Dolph Briscoe, Jr. No. 1	1959	8,205	625	E
201	Fred W. Shield, et al.	do.	1958	4,507	752	E
502	O. N. Beer, et al.	Dolph Briscoe, Jr. No. 2	1958	4,750	700	E
901	Copano Oil Co.	Dolph Briscoe, Jr. No. 1	1959	10,473	604	E
58-102	William H. Spice, Jr., Trustee	O. S. Petty No. 1	1955	3,350	795	E
60-701	W. C. McBride, Inc.	W. V. Booth No. 1	1948	3,050	771	E
61-702	R. G. Rice	B. B. Dunbar No. 1	1961	4,505	736	E
703	Universal Petroleum Corp.	do.	1961	5,490	730	E
801	Robert Mosbacher	Webb Co. Commissioners Court No. 1	1960	5,309	695	E
901	Sohio Petroleum Co.	Robert Sanchez No. 1	1944	—	566	E
62-801	do.	Maria G. Martin No. 1	1944	5,460	478	E
64-602	Seaboard Oil Co. and Sunray Oil Co.	Mary K. Withers No. 1	1950	6,725	410	E
78-57-701	Humble Oil and Refining Co.	Mary K. Withers No. 2	1945	7,375	376	E
58-502	do.	Lewis Yeager No. B-1	1947	8,026	339	E
84-01-301	Union Sulphur Co.	—	1949	6,527	326	E
702	Mrs. James R. Dougherty and F. W. Holbrook	W. R. Nicholson Estate No. 1	1962	7,514	358	E
09-101	The Texas Co.	— Nicholson No. 1	1945	7,014	427	E
85-01-901	Copano Oil Co.	Ed Rachal No. A-2	1960	3,055	565	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Webb County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
YZ-85-02-401	Copano Oil Co., et al.	Desiderio Trevino No. 1	1958	9,100	545	E
03-302	Hughes and Hughes	— Booth No. 1-A	1967	3,810	663	E
401	Ryan-Hayes and Burke	La Mesa Land and Cattle Co. No. 1	1950	3,730	656	E
601	Magnolia Petroleum Co.	Hamilton Ranch No. A-1	1941	9,181	604	E
801	W. C. McBride, Inc. and Mid-Continent Petroleum Corp.	Anna L. Connevy	1947	3,963	575	E
903	McCartney and Ross	E. T. Laubscher No. 1	1946	4,770	708	E
904	Frank J. Gravis, et al.	do.	1943	5,004	700	E
05-707	Mid-Continent Petroleum Corp.	— Laubscher No. 1	1936	3,508	790	E
07-101	Brown and Wheeler	Maria Martin, et al. No. 1	1949	5,526	434	E
801	Transwestern Oil Co. and Seaboard Oil Co.	Callaghan Land and Pastoral Co. No. 1	1943	6,260	469	E
08-201	Sohio Production Co.	Callaghan Land and Pastoral Co. No. A-1	1944	7,228	449	E
403	Kirkwood Drilling Co.	Olmillos Ranch No. 1	1960	7,050	444	E
10-301	Windsor Oil Co.	La Mesa Land and Cattle Co. No. 1	1949	3,839	659	E
11-501	Ammann and McNab, LTD.	Rosa Vela Benavides No. 1	1949	3,875	615	E
701	Magnolia Petroleum Co.	Santo Tomas Ranch No. 1	1941	6,812	614	E
12-501	Amerada Petroleum Corp.	— Benavides No. 1	1949	11,678	571	E
903	Russell Maguire and Kirkwood and Morgan	Louis Puig No. 1	1956	5,247	669	E
15-502	Sun Oil Co.	Issac Hirsch No. 1-A	1946	7,051	469	E
601	Tucker Drilling Co. and Peter Henderson Oil Corp.	W. P. Lincoln No. 1	1952	8,761	465	E
701	Sinclair Oil and Gas Co.	Dix Ranch No. 1	1956	7,501	477	E
901	Gulf Oil Corp.	Issac Hirsch No. 1	1959	8,010	525	E
19-901	Appell Drilling Co.	Stockbridge No. 1	1951	4,422	443	E
22-201	Rodney DeLange and O. Neathary, Jr.	Callaghan Land and Pastoral Co. No. 1	1962	7,050	532	E
29-101	T. J. Ahern	Hubbard No. A-1	1953	2,605	629	E

# WEBB COUNTY

## Table 3.—Water Levels in Selected Wells

Water-level measurements, in feet, above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well YZ-77-49-601</b>		<b>Well YZ-77-58-301—Continued</b>		<b>Well YZ-77-59-401—Continued</b>	
Owner: Dolph Briscoe		Mar. 8, 1967	190.69	Mar. 12, 1970	275.49
Feb. 11, 1965	255.37	Feb. 21, 1968	189.82	Mar. 12, 1971	270.58
Mar. 16, 1966	257.22	Feb. 10, 1969	192.34	Mar. 8, 1972	285.41
Mar. 8, 1967	259.19	Mar. 12, 1970	209.52	<b>Well YZ-77-61-301</b>	
Feb. 22, 1968	257.21	Mar. 12, 1971	201.27	Owner: W. B. Stokes	
Feb. 10, 1969	261.60	Mar. 8, 1972	205.54	Oct. 2, 1970	149.62
Mar. 12, 1970	271.19	<b>Well YZ-77-58-701</b>		Mar. 10, 1971	150.61
Mar. 11, 1971	262.60	Owner: John D. King		Mar. 6, 1972	152.41
Mar. 7, 1972	268.58	Feb. 11, 1965	195.71	<b>Well YZ-85-01-301</b>	
<b>Well YZ-77-50-601</b>		Mar. 16, 1966	199.16	Owner: John D. King	
Owner: A. E. Gates		Mar. 8, 1967	200.66	Aug. 23, 1961	65
Feb. 11, 1965	202.60	Feb. 22, 1968	201.81	Feb. 11, 1965	152.45
Mar. 16, 1966	206.36	Feb. 10, 1969	207.31	Mar. 16, 1966	166.36
Mar. 8, 1967	208.38	Mar. 12, 1970	207.64	Mar. 8, 1967	156.32
Feb. 21, 1968	209.21	Mar. 11, 1971	208.55	Feb. 22, 1968	157.53
Feb. 10, 1969	214.20	Mar. 7, 1972	209.43	Feb. 10, 1969	160.87
Mar. 12, 1970	207.48	<b>Well YZ-77-58-901</b>		Mar. 12, 1970	163.05
Mar. 12, 1971	225.44	Owner: Ed Rachell Estate		Mar. 10, 1971	165.05
Mar. 8, 1972	218.63	Aug. 22, 1961	202.0	Mar. 7, 1972	162.70
<b>Well YZ-77-57-501</b>		Feb. 8, 1965	212.18	<b>Well YZ-85-04-401</b>	
Owner: Dolph Briscoe		Mar. 17, 1966	213.87	Owner: R. M. Middleton and Sons	
Feb. 11, 1965	84.86	Feb. 21, 1968	209.87	Feb. 8, 1965	139.31
Mar. 16, 1966	86.40	Feb. 10, 1969	211.92	Mar. 16, 1966	143.50
Mar. 8, 1967	87.89	Mar. 12, 1970	231.70	Mar. 8, 1967	141.72
Feb. 22, 1968	86.46	Mar. 11, 1971	224.25	Feb. 21, 1968	140.61
Feb. 10, 1969	90.09	Mar. 7, 1972	223.28	Feb. 10, 1969	151.80
Mar. 12, 1970	91.39	<b>Well YZ-77-59-401</b>		Mar. 12, 1970	161.20
Mar. 31, 1971	91.52	Owner: A. E. Gates		Mar. 11, 1971	163.10
Mar. 7, 1972	91.09	Feb. 11, 1965	248.65	Mar. 8, 1972	163.89
<b>Well YZ-77-58-301</b>		Mar. 16, 1966	263.68		
Owner: A. E. Gates		Mar. 8, 1967	257.23		
Feb. 11, 1965	183.15	Feb. 21, 1968	258.78		
Mar. 16, 1966	190.00	Feb. 10, 1969	262.18		

**Table 3.—Water Levels in Selected Wells in Webb County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well YZ-85-06-802</b>		<b>Well YZ-85-13-402—Continued</b>		<b>Well YZ-85-29-803</b>	
Owner: Callaghan Land and Cattle Co.		Mar. 11, 1971	275.38	Owner: Eloy Moreno	
Oct. 1, 1970	91.56	Mar. 7, 1972	279.81	Sept. 24, 1970	82.58
Mar. 10, 1971	88.77	<b>Well YZ-85-19-201</b>		Mar. 10, 1971	74.22
Mar. 6, 1972	86.38	Owner: T. S. Seiblenski		Mar. 7, 1972	67.10
<b>Well YZ-85-11-302</b>		1960	44.70	<b>Well YZ-85-37-405</b>	
Owner: George Garcia		Sept. 24, 1970	40.50	Owner: Rafael Cantu	
Sept. 25, 1970	89.36	Mar. 11, 1971	40.07	Sept. 24, 1970	86.15
Mar. 11, 1971	89.25	Mar. 7, 1972	40.25	Mar. 10, 1971	102.77
Mar. 7, 1972	90.78	<b>Well YZ-85-20-501</b>		Mar. 7, 1972	112.29
<b>Well YZ-85-13-303</b>		Owner: G. E. Reuthinger		<b>Well YZ-85-46-401</b>	
Owner: Callaghan Land and Cattle Co.		Oct. 1, 1970	132.83	Owner: Carlos Alexander	
Oct. 1, 1970	155.60	Mar. 11, 1971	189.34	May 10, 1961	111.09
Mar. 10, 1971	165.95	Mar. 7, 1972	168.06	Sept. 23, 1970	112.19
Mar. 6, 1972	157.91	<b>Well YZ-85-29-301</b>		Mar. 10, 1971	123.53
<b>Well YZ-85-13-402</b>		Owner: Killam Cattle Company		Mar. 7, 1972	110.49
Owner: N. David Hachar		Sept. 30, 1970	69.04		
Oct. 1965	272.00	Mar. 11, 1971	75.85		
Oct. 1, 1970	274.03	Mar. 7, 1972	62.46		

WEBB COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)  
 Water-bearing unit: Kea, Edwards and associated limestones; Ewi, Wilcox Group; Ec, Carrizo Sand; Er, Reklaw Formation; Eqs, Queen City Sand; Es, Wachesa Formation; Ee, Bigford Formation; Eep, El Pico Clay; Es, Sparta Sand;  
 El, Laredo Formation; Eem, Cook Mountain Formation; Ey, Yegua Formation; Ej, Jackson Group; Mo, Catahoula Tuff; Ms, Oakville Sandstone; Ml, Lagarto Clay; Gr, terrace gravel; Qal, alluvium.  
 Dissolved solids : The bicarbonate "reported" is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.  
 Analyses by Texas State Department of Health unless indicated by footnote.

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	BAR	FSC
2/ YZ-76-55-601	Ec, Ewi	315	July 20, 1961	--	1.8	--	--	--	--	424	982	2,400	--	--	--	--	575	9,050	7.0	--	--	--
2/ 56-502	Ec, Ewi	220	Sept. 23, 1965	12	--	2.5	1.0	* 317	--	450	137	116	1.1	0.2	--	826	10	1,370	8.0	98.6	43.61	7.18
2/ 601	Ec, Ewi	250	do	59	--	58	15	* 112	--	214	130	96	.5	2.2	--	577	206	891	7.6	54.2	3.39	.00
2/ 802	Ec, Ewi	150	do	49	--	90	17	* 63	--	156	157	99	.6	.2	--	552	294	861	7.2	31.7	1.60	.00
2/ 64-201	Ec, Ewi	180	do	37	--	136	26	* 94	--	240	260	130	.4	.0	--	801	446	1,230	7.6	31.4	1.94	.00
77-49-601	Ec	923	Feb. 11, 1965	23	--	51	11	235	--	283	322	78	.7	< .4	--	859	173	1,300	7.6	74.8	7.79	1.20
601	Ec	923	Sept. 18, 1969	20	--	50	11	235	4	287	307	80	.8	< .4	--	848	168	1,240	7.7	74.8	7.90	1.35
50-601	Ec	1,570	Feb. 11, 1965	18	--	5	1	277	--	235	198	149	.6	< .4	--	764	15	1,250	8.1	97.3	29.67	3.52
601	Ec	1,570	Sept. 18, 1969	17	--	3	1	264	1	235	191	128	1.0	3.0	--	725	10	1,131	8.2	98.0	36.30	3.66
57-501	Ec	760	Feb. 10, 1965	15	--	4	1	352	--	293	232	202	.7	< .4	0.7	950	15	1,600	8.3	98.2	40.92	4.53
501	Ec	760	Sept. 18, 1969	13	--	3	1	352	1	277	223	202	.8	< .4	--	931	11	1,510	8.6	98.4	46.13	4.56
58-201	Ec, Ewi	1,556	Feb. 11, 1965	15	--	24	10	1,360	--	320	660	1,470	.9	< .4	--	3,696	104	5,850	7.7	96.7	58.87	3.23
301	Ec, Ewi	1,635	do	17	--	3	2	336	--	301	189	196	.8	< .4	--	891	12	1,500	8.1	97.9	37.13	4.63
301	Ec, Ewi	1,635	Sept. 18, 1969	15	--	3	2	400	1	387	195	252	.9	< .4	--	1,058	14	1,710	8.3	98.3	47.33	6.07
901	Ec	1,200	Feb. 8, 1965	19	--	2	1	425	--	471	220	197	.9	< .4	.9	1,095	11	1,800	8.7	99.0	61.63	8.02
2/ 59-401	Ec	1,800	Aug. 22, 1961	--	--	--	--	--	--	556	241	215	--	--	--	--	8	1,980	8.7	--	--	--
401	Ec	1,800	Feb. 11, 1965	17	--	3	< 1	299	--	292	159	172	.8	< .4	--	794	8	1,300	7.9	98.3	38.36	4.56
401	Ec	1,800	Sept. 18, 1969	16	--	3	< 1	297	1	303	148	170	.8	< .4	--	785	10	1,240	8.3	98.3	41.89	4.77
60-101	Ec	2,126	July 28, 1944	18	.13	2.5	.9	* 330	--	387	165	134	.4	0	--	840	10	--	8.1	98.7	46.59	6.16
61-301	E1	295	Oct. 2, 1970	19	--	136	45	156	6	285	333	210	.8	< .4	--	1,045	530	1,550	7.9	38.8	2.95	.00
2/ 85-01-301	Ec	1,500	Aug. 23, 1961	--	--	--	--	--	--	318	189	167	--	--	--	--	4	1,410	8.2	--	--	--
301	Ec	1,500	Feb. 11, 1965	15	--	2	--	313	--	311	199	164	.9	< .4	.6	846	6	1,400	8.2	99.3	60.91	5.00
04-401	Ec	2,010	Feb. 8, 1965	19	--	6	--	417	--	660	94	199	1.2	< .4	--	1,061	16	1,750	8.1	98.4	46.84	10.52
401	Ec	2,010	Sept. 18, 1969	18	--	1	1	432	1	640	93	199	1.2	< .4	--	1,061	8	1,680	8.6	99.0	66.40	10.73
401	Ec	2,010	July 11, 1972	18	.64	3	3	409	--	660	96	198	1.2	< .4	--	1,060	18	1,635	8.4	98.1	41.86	10.53
2/ 501	--	--	Aug. 24, 1961	--	1.8	--	--	--	--	362	1,440	970	--	--	--	3,913	1,120	5,590	7.1	--	--	--
502	Ec	2,489	July 21, 1965	19	--	1.8	.4	* 331	--	470	162	.9	.0	.0	--	745	6	1,400	7.7	99.2	58.79	7.59
701	Ec	2,177	Feb. 8, 1965	15	--	5	2	770	--	1,020	< 4	600	1.6	< .4	--	1,896	19	3,200	8.3	98.8	73.99	16.32
06-802	E1	468	Oct. 1, 1970	9	--	13	4	760	< 1	255	960	364	.7	< .4	--	2,236	48	3,190	8.1	97.2	47.49	3.22
2/ 12-102	Ec	1,850	Aug. 11, 1965	20	--	1.2	.7	* 520	--	772	136	258	1.5	4.2	--	1,301	6	2,160	8.3	99.5	92.35	12.94
102	Ec	1,850	July 11, 1972	8	--	2	2	365	1.0	570	76	179	1.0	< .4	--	930	11	1,500	8.6	98.4	47.82	9.50
2/ 601	Eep	207	Aug. 24, 1961	--	--	--	--	--	--	338	173	69	--	--	--	--	134	1,070	7.5	--	--	--
702	Eep	90	Aug. 24, 1967	--	16	--	--	--	--	354	1,740	1,490	--	--	--	--	1,540	7,300	7.1	--	--	--
2/ 801	Eep	251	Aug. 24, 1961	--	1.1	--	--	--	--	284	534	460	--	--	--	--	71	2,880	7.7	--	--	--

See footnotes at end of table.

WEBB COUNTY

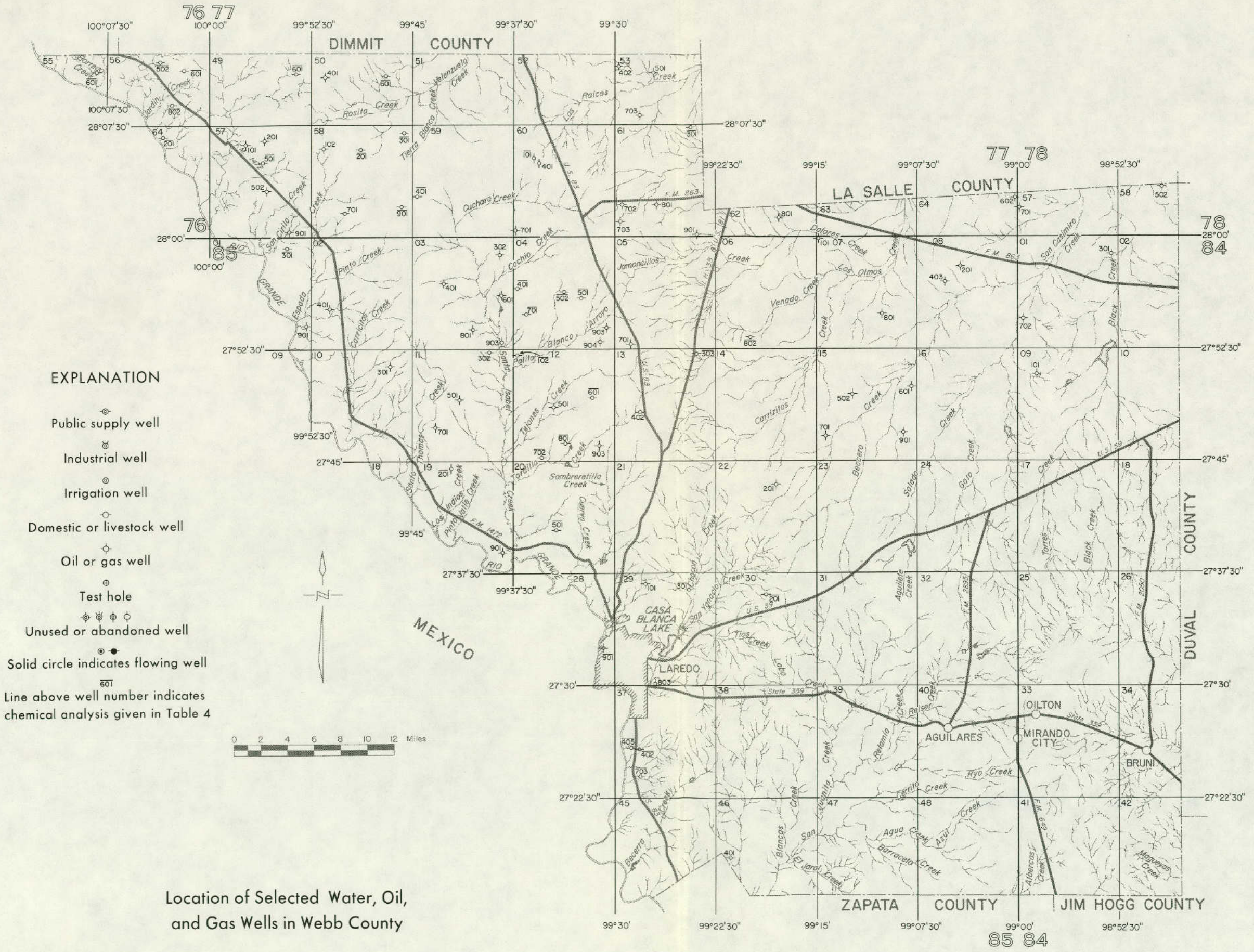
Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILEICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
YE-85-13-303	El	510	Oct. 1, 1970	4	--	35	42	274	4	216	433	168	0.4	< 0.4	--	1,066	261	1,600	8.2	69.1	7.38	0.00
<u>2</u> / 19-201	Ed	1,301	Aug. 23, 1961	--	9.5	--	--	--	--	796	1,110	1,280	--	--	--	--	31	6,870	7.9	--	--	--
501	El	216	Oct. 1, 1970	15	--	40	28	730	3	466	1,040	213	1.0	< .4	--	2,298	214	3,240	8.4	87.9	21.64	3.45
<u>2</u> / 28-901	Ec	2,505	July 27, 1953	--	--	--	--	--	--	800	418	1,330	--	--	--	--	--	--	8.4	--	--	--
<u>2</u> / 901	Ec	2,505	July 28, 1953	--	--	--	--	--	--	1,190	29	810	--	--	--	--	--	--	8.8	--	--	--
<u>2</u> / 901	Ec	2,505	July 30, 1953	--	--	--	--	--	--	1,530	7.8	1,260	--	--	--	--	--	--	8.3	--	--	--
<u>2</u> / 901	Ec	2,505	Aug. 1, 1953	--	--	--	--	--	--	1,790	13	1,580	--	--	--	--	--	--	8.2	--	--	--
<u>2</u> / 901	Ec	2,505	Aug. 2, 1953	--	--	--	--	--	--	1,600	3.9	1,650	--	--	--	--	--	--	8.1	--	--	--
29-301	El	200	Oct. 2, 1970	11	--	11	2	1,080	< 1	243	1,040	750	1.1	< .4	--	3,014	37	4,440	8.6	98.5	77.66	3.53
<u>2</u> / 30-201	Ed	416	Aug. 22, 1961	--	.31	--	--	--	--	274	490	730	--	--	--	--	16	3,630	8.4	--	--	--
<u>2</u> / 37-402	El	207	May 10, 1961	20	--	92	103	536	7.4	402	1,050	305	.6	2.0	--	2,314	653	3,330	7.4	63.8	9.13	.00
405	El	300	Sept. 24, 1970	15	--	149	76	750	4	466	1,340	381	1.0	< .4	--	2,944	690	3,780	7.9	70.3	12.50	.00
<u>2</u> / 703	El	177	May 10, 1961	19	--	205	159	* 513	--	430	1,580	200	.4	.0	--	2,887	1,170	3,660	7.5	48.9	6.54	.00

\* Sodium and potassium calculated as sodium (Na).  
1/ Includes the equivalent of any carbonate (CO<sub>3</sub>) present.

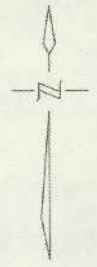
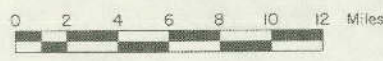
LABORATORY CONDUCTING ANALYSIS:  
2/ U.S. Geological Survey Laboratory





**EXPLANATION**

- ⊕ Public supply well
- ⊙ Industrial well
- ⊙ Irrigation well
- ⊙ Domestic or livestock well
- ⊙ Oil or gas well
- ⊙ Test hole
- ⊙ Unused or abandoned well
- Solid circle indicates flowing well
- Line above well number indicates chemical analysis given in Table 4



Location of Selected Water, Oil, and Gas Wells in Webb County





WILSON COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in remarks column.

Water level : Reported water levels given in feet; measured water levels given to the nearest tenth or hundredth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; Cf, centrifugal; E, electric; G, gasoline, butane, or Diesel engine; H, hand; J, jet; N, none; Ng, natural gas; T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; M, none; P, public supply; S, livestock.  
 Water-bearing unit : Koa, Edwards and associated limestones; Mf, Wilcox Group; Ec, Carrizo Sand; Er, Nakhaw Formation; Eqc, Queen City Sand; Ev, Weches Formation; Ee, Bigford Formation; Eep, El Pico Clay; Es, Sparta Sand; El, Laredo Formation; Em, Cook Mountain Formation; Ey, Yegua Formation; Ej, Jackson Group; Mc, Catahoula Tuff; Mo, Oakville Sandstone; Ml, Lagarto Clay; Qt, terrace gravel; Qal, alluvium.

WELL	OWNER	DRILLER	DATE COMPLETED	CASING			WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
				DEPTH OF WELL (ft)	DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* ZL-67-41-101	J. Neyland	--	--	140	6	140	Ec	576	110 127.5 128.2	Dec. 27, 1910 Sept. 28, 1954 June 20, 1955	C, E	D, S	Well C-1 in Texas Board of Water Engineers Bulletin 5710. Well 62 in Texas Board of Water Engineers miscellaneous report 299.
* 102	Harold Lynn	Moy's Water Well Drilling	1955	272	4	272	Ec	590	168.84 174.42	Jan. 27, 1964 Mar. 23, 1972	C, E	D, S	Slotted from 250 to 272 ft. Temp. 72°F. Observation well. <u>3</u>
* 301	J. H. Bain, Jr.	Watkins Brothers Drilling Co.	1964	600	12	600	Ec	505	81	Mar. 3, 1964	T, G 125	Irr	Slotted from 460 to 600 ft. Cemented from 460 ft. to surface. Pump set at 200 ft. Reported yield 1,000 gpm. Development test: Drawdown of 71 ft pumping 1,921 gpm for 20 hours on Mar. 3, 1964. Temp. 78°F. <u>3</u>
401	C. Wiley	do	1966	385	12	385	Ec	536	123.80 125.46	Mar. 7, 1969 Mar. 1, 1972	N	N	Slotted from 276 to 376 ft. Gravel packed. Development test: Drawdown of 85 ft while pumping 1,623 gpm for 31-1/2 hours on Apr. 22, 1966. Observation well. <u>3</u>
* 501	Audry G. Watkins	Moy's Water Well Drilling	1954	525	8	525	Ec	472	54 53.40	June 7, 1955 Mar. 14, 1968	N	N	Abandoned. Slotted from 485 to 525 ft. Development test: Drawdown of 45 ft while pumping 450 gpm in 1955. Temp. 77°F. Historical observation well.
502	Alton Atkins	Watkins Brothers Drilling Co.	1967	442	7 5	299 442	Ec	537	100	1967	Sub, E	Irr	Slotted from 389 to 442 ft. Cemented from 275 ft. to surface. Development test yielded 40 gpm in 1967. <u>3</u>
503	Lester W. Hutt	H. and J. Drilling Co.	1966	650	12	650	Ec	545	104	May 17, 1966	T, G	Irr	Slotted from 450 to 650 ft. Gravel packed. Pump set at 165 ft. Reported yield of 900 gpm. Development test: Drawdown of 40 ft while pumping 1,606 gpm for 11-1/2 hours on May 17, 1966.
601	Glen W. Brown	Moy's Water Well Drilling	1965	594	8 7	248 594	Ec	510	120	June 24, 1963	T, G 37-1/2	S, Irr	Slotted from 489 to 594 ft. Gravel packed. Pump set at 130 ft. Reported yield of 500 gpm. Development test: Drawdown of 110 ft while pumping 419 gpm for 14-1/2 hours on June 24, 1963. <u>3</u>
* 701	M. H. Skrobarcek	D. E. Durham, et al.	1965	765	8	765	Ec	480	105	May 10, 1965	Sub, E 20	Irr	Oil test drilled to 2,510 ft, plugged back to 765 ft, and converted to water well. Slotted from 675 to 765 ft. Gravel packed. Pump set at 127 ft. Reported yield of 550 gpm. Development test: Drawdown of 100 ft while pumping 1,200 gpm for 18 hours on May 10, 1965. Temp. 80°F. <u>3</u>
* 702	Lester W. Hutt	H. and J. Drilling Co.	1966	720	12	720	Ec	480	--	--	T, G 90	D, S	Slotted from 520 to 720 ft. Gravel packed. Pump set at 160 ft. Reported yield of 900 gpm. Development test: Drawdown of 40 ft while pumping 2,200 gpm. Temp. 76°F.
801	J. P. Lorens	do	1964	1,086	7	1,086	Ec	547	146.65 153.89	Mar. 12, 1969 Mar. 1, 1972	N	N	Oil test converted to water well. Slotted from 1,026 to 1,086 ft. Observation well. <u>3</u>
42-101	R. A. Moody	--	--	250	8	250	Ec	484	--	--	T, E 30	Irr	Reported yield of 650 gpm.
401	Union Valley Baptist Church	--	1911	24	36	--	Eqc	418	19.50 17.33	Nov. 22, 1934 Mar. 1, 1972	J, H	D	Well C-6 in Texas Board of Water Engineers Bulletin 5710. Dug well. Observation well. <u>3</u>
* 801	Robert Harvey	H. and S. Water Well Service	1968	1,067	12 8	242 1,067	Ec	365	+ 3.31 + 3.71	Apr. 7, 1970 Mar. 30, 1972	Flows, T, C 110	Irr	Slotted from 867 to 1,067 ft. Cemented from 20 ft. to surface. Reported flow of 50 gpm in 1969. Pump set at 100 ft. Reported yield of 1,100 gpm. Temp. 86°F. Observation well. <u>3</u>

See footnotes at end of table.

WILSON COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
ZL-67-42-907	Hison By-Products, Inc.	A. R. Thierry	1965	1,596	8 5	300 1,596	Ec	400	--	--	T, E 15	Ind	Slotted from 1,506 to 1,596 ft. Reported yield of 300 gpm.
* 49-101	City of Stockdale	Kelly Construction Co.	1935	315	8 6	216 315	Eqc	439	--	--	T, E 15	F	Well C-26 in Texas Board of Water Engineers Bulletin 5710. Slotted from 222 to 254 ft and 283 to 315 ft. Reported yield of 95 gpm. Temp. 76°F. <u>1</u>
* 103	L. C. Carr	--	1910	700	6	--	Ec	405	+ 2.0	May 27, 1955	J, E	D, S	Well C-20 in Texas Board of Water Engineers Bulletin 5710.
* 201	City of Stockdale	Layne-Texas Co.	1963	912	14 8	705 912	Ec	440	75 88.41	Apr. 29, 1963 Feb. 29, 1972	T, E 50	F	Slotted from 716 to 776 ft and 811 to 901 ft. Cemented from 705 ft to surface. Gravel packed. Pump set at 110 ft. Development test: Drawdown of 32 ft while pumping 1,040 gpm for 24 hours on Apr. 25, 1963. Temp. 83°F. Observation well. <u>1 2 3</u>
* 202	do	A. R. Thierry	1952	460	8	460	Eqc	440	76.34 83.30	Feb. 18, 1969 Feb. 29, 1972	Sub, E 35	F	Well C-25 in Texas Board of Water Engineers Bulletin 5710. Well drilled to 600 ft and plugged back to 460 ft. Perforated from 330 ft to surface. Gravel packed. Pump set at 110 ft. Reported yield of 350 gpm. Temp. 79°F. Observation well. <u>1 2 3</u>
* 301	Dick Ware	--	1963	1,012	--	--	Ec	442	--	--	T, C	Irr	Reported yield of 523 gpm. Temp. 85°F.
* 401	A. Stadler	Blount Drilling	1965	950	12 8	200 950	Ec	408	--	--	Flows, T, C 200	S, Irr	Perforated from 900 to 950 ft. Development test: Drawdown of 26 ft while pumping 1,327 gpm for 24 hours on Oct. 23, 1965. Temp. 90°F.
502	Frank A. Olmick	Moy's Water Well Drilling	1958	482	12	482	Eqc	450	--	--	T, C 125	S, Irr	Perforated from 240 to 260 ft and 340 to 400 ft. Open hole from 400 to 482 ft. <u>1</u>
50-101	--	--	1936	151	4	--	Ec	450	80.49 83.05	Aug. 24, 1970 Mar. 1, 1972	C, E	D	Well C-32 in Texas Board of Water Engineers Bulletin 5710. Observation well. <u>1</u>
102	Potas Ranch	A. R. Thierry	1944	1,700	30 5	90 1,700	Ec	434	35.0 62.81	July 16, 1955 Feb. 29, 1972	T, E 20	S	Well C-42 in Texas Board of Water Engineers Bulletin 5710. Perforated from 1,580 to 1,700 ft. Observation well. <u>1</u>
* 103	Thomas Loessin	--	1948	263	5	263	Eqc	409	27.50 28.21	July 16, 1955 Mar. 1, 1972	J, E 3/4	D	Well C-43 in Texas Board of Water Engineers Bulletin 5710. Temp. 82°F. Observation well. <u>1</u>
701	Manford Estate	A. R. Thierry	--	2,225	--	--	Ec	367	32.7	June 3, 1955	Flows	S	Well deepened from 440 to 2,225 ft. Reported flow of 75 gpm in 1956. Temp. 115°F. <u>1</u>
57-101	Joc Keller	--	1921	536	5	--	Es	420	53.00 63.70	Jan. 7, 1955 Mar. 1, 1972	C, G	S	Well H-9 in Texas Board of Water Engineers Bulletin 5710. Observation well. <u>1</u>
* 201	Kosciusko School	Moy's Water Well Drilling	1948	140	6	140	Ey	360	--	--	Sub, E	F	Perforated from 120 to 140 ft. Temp. 80°F.
* 68-46-901	Carlos Seguin	--	1928	85	4	--	Ewl	464	63.40 57.40	Feb. 28, 1936 Mar. 26, 1969	C, H	D, S	Well A-7 in Texas Board of Water Engineers Bulletin 5710. Well 100 in Texas Board of Water Engineers miscellaneous report 299. Historical observation well.
* 47-301	Lena Schroeder	--	1900	119	5	--	Ewl	542	72.44 71.71	June 29, 1951 Feb. 29, 1972	C, G 2-1/2	D, S	Well B-2 in Texas Board of Water Engineers Bulletin 5710. Temp. 84°F. Observation well. <u>1</u>
302	E. C. Fortune	--	1901	140	5	--	Ewl	555	40 95.47	1936 June 10, 1953	C, E	D, S	Well B-3 in Texas Board of Water Engineers Bulletin 5710. Well 7 in Texas Board of Water Engineers miscellaneous report 299. Historical observation well.

See footnotes at end of table.

## WELSON COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASTING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* ZL-68-46-901	City of La Verne	Pursley Water Wells	1968	525	7 4	362 523	Ewl	495	--	--	Sub, E 15	P	Screened from 362 to 412 ft., 421 to 432 ft., and 445 to 523 ft. Cemented from 364 ft to surface. Reported yield of 200 gpm. Temp. 78°F. $\frac{1}{2}$
47-304	Steve Perez	Charles L. Behrens Drilling Co.	1966	385	10	385	Ewl	525	--	--	T, E 40	Irr	Slotted from 265 to 385 ft. Gravel packed. Pump set at 250 ft. Reported yield of 310 gpm. Development test: Drawdown of 130 ft while pumping 575 gpm. $\frac{1}{2}$
305	Boney Deptawa	Pursley Water Wells	1968	356	7	356	Ewl	538	--	--	Sub, E 15	Irr	Slotted from 248 to 356 ft. Reported yield of 100 gpm. $\frac{1}{2}$
306	V. A. Ward	do	1966	370	7 4	260 370	Ewl	530	--	--	Sub, E 10	Irr	Screened from 260 to 370 ft. Cemented from 260 ft to surface. Development test yielded 100 gpm. $\frac{1}{2}$
307	Joseph T. Stanush	Blount Drilling	1965	354	10	354	Ewl	487	27	Mar. 2, 1965	T, E 50	Irr	Slotted from 249 to 354 ft. Gravel packed. Development test: Drawdown of 380 ft while pumping 330 gpm for 24 hours on Mar. 2, 1965. $\frac{1}{2}$
* 501	D. A. Perkins	--	1950	130	5	--	Ec	592	118.4	Apr. 19, 1954	C, E	D, S	Well A-5 in Texas Board of Water Engineers Bulletin 5710. Historical observation well.
* 502	James Cleveland	Watkins Brothers Drilling Co.	1968	390	7	390	Ewl	598	--	--	Sub, E 1	S	Slotted from 330 to 390 ft. Pump set at 220 ft. Reported yield of 15 gpm. Temp. 76°F. $\frac{1}{2}$
* 503	do	do	1967	716	10	716	Ec, Ewl	600	182	May 11, 1967	T, C	Irr	Slotted from 140 to 170 ft., 300 to 400 ft., and 402 to 716 ft. Gravel packed. Pump set at 300 ft. Reported yield of 250 gpm. Development test: Drawdown of 131 ft while pumping 477 gpm for 17-1/2 hours on May 11, 1967. Temp. 79°F. $\frac{1}{2}$
504	A. Kosub	May's Water Well Drilling	1967	759	10 8	300 750	Ewl	615	--	--	T, Ng 60	Irr	Slotted from 650 to 750 ft. Gravel packed. Pump set at 280 ft. Reported yield of 200 gpm. Development test: Drawdown of 10 ft while pumping 510 gpm. $\frac{1}{2}$
601	Robert J. Thomas	--	--	440	4	--	Ec, Ewl	652	202.55 204.70	Jan. 23, 1964 Feb. 29, 1972	C, E 1/4	S	Observation well. $\frac{3}{4}$
* 602	J. J. Wlesner	Watkins Brothers Drilling Co.	1965	457	12	457	Ec	608	255	Mar. 27, 1965	T, Ng, G 125	Irr	Slotted from 307 to 457 ft. Gravel packed. Reported yield of 739 gpm. Development test: Drawdown of 65 ft while pumping 996 gpm for 24 hours on Mar. 27, 1965. Temp. 75°F. $\frac{1}{2}$
* 901	E. H. Chandler	--	1963	435	--	--	Ec	589	174.36 176.22	Jan. 23, 1964 Mar. 19, 1968	T, Ng	Irr	Temp. 75°F. Historical observation well.
* 902	Dietmar and Morrison	Watkins Brothers Drilling Co.	1965	453	12	453	Ec	592	170	Apr. 29, 1965	T, Ng 125	S, Irr	Slotted from 303 to 453 ft. Gravel packed. Development test: Drawdown of 120 ft while pumping 800 gpm on Apr. 29, 1965. Temp. 75°F. $\frac{1}{2}$
903	do	Blount Drilling	1965	443	12	443	Ec	590	174.50 173.80	July 9, 1969 Feb. 29, 1972	T, Ng, G	N	Slotted from 323 to 443 ft. Unused livestock and irrigation well. Pump set at 290 ft. Reported yield of 600 gpm. Development test: Drawdown of 139 ft while pumping 887 gpm for 48 hours on Mar. 31, 1965. Observation well. $\frac{3}{4}$
* 904	do	do	1967	458	12	458	Ec	542	162	Apr. 19, 1965	T, Ng, G 95	Irr	Slotted from 338 to 458 ft. Gravel packed. Reported yield of 1,000 gpm. Development test: Drawdown of 110 ft while pumping 600 gpm for 38-1/2 hours on Apr. 19, 1965. Temp. 76°F.
905	E. H. Chandler	Watkins Brothers Drilling Co.	1967	462	12	462	Ec	555	--	--	T, Ng 125	Irr	Slotted from 332 to 452 ft. Gravel packed. $\frac{1}{2}$

See footnotes at end of table.

WILSON COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
2L-68-47-906	E. H. Chandler	Watkins Brothers Drilling Co.	1965	430	12	430	Ec	545	177	Aug. 21, 1964	T, Ng 125	Irr	Slotted from 260 to 430 ft. Gravel packed. Development test: Drawdown of 53 ft while pumping 1,200 gpm for 60 hours on Aug. 21, 1964. <u>y</u>
907	C. M. Simmons	Schubert Water Well Drilling	1967	311	8	310	Ec	574	170	Apr. 1, 1967	Sub, E	D, S	Gravel packed. Development test: Drawdown of 40 ft while pumping 640 gpm for 8 hours on Apr. 1, 1967. <u>y</u>
* 908	J. A. Simmons	Watkins Brothers Drilling Co.	1966	438	12	438	Ec	568	--	--	T, G 75	Irr	Slotted from 268 to 438 ft. Gravel packed. Pump set at 240 ft. Reported yield of 682 gpm. Development test: Drawdown of 44 ft while pumping 1,452 gpm. Temp. 73°F. <u>y</u>
* 909	Dittmar and Morrison	Katy Drilling Co.	1969	450	12	450	Ec	590	--	--	T, Ng, G 95	S, Irr	Slotted from 325 to 450 ft. Gravel packed. Pump set at 290 ft. Reported yield of 542 gpm. Temp. 74°F.
48-101	City of La Verda	George Gusnter	1951	361	7	348	Evl	487	67	May 2, 1955	N	N	Well B-4 in Texas Board of Water Engineers Bulletin 5710. Abandoned. Perforated from 306 to 348 ft. Temp. 78°F. <u>y</u>
* 102	do	Moy's Water Well Drilling	1962	514	7	514	Evl	495	--	--	Sub, E 15	P	Slotted from 454 to 514 ft. Cemented from 454 ft to surface. Reported yield of 250 gpm. Temp. 80°F. <u>y</u>
* 103	do	Pursley Water Wells	1967	525	7 4	364 525	Evl	487	--	--	Sub, E 7-1/2	P	Screened from 342 to 525 ft. Cemented from 364 ft to surface. Reported yield of 90 gpm. <u>y</u>
* 104	Walter Scull	Moy's Water Well Drilling	1956	310	7	310	Evl	500	75	Feb. 20, 1956	Sub, E 15	D, S Irr	Slotted. Pump set at 150 ft. Reported yield of 140 gpm. Development test: Drawdown of 30 ft while pumping 263 gpm for 4 hours on Feb. 20, 1956. Temp. 78°F.
105	W. G. Conway	-- Nickles	1956	550	12 10 8	-- -- 550	Evl	498	--	--	T, G 80	Irr	Pump set at 250 ft. Reported yield of 400 gpm.
* 201	Kenneth Wagner	Moy's Water Well Drilling	1966	588	12	588	Evl	455	41	Aug. 16, 1966	T, E 75	Irr	Slotted from 442 to 588 ft. Gravel packed. Pump set at 200 ft. Reported yield of 550 gpm. Development test: Drawdown of 229 ft while pumping 1,900 gpm for 14 hours on Aug. 16, 1966. Temp. 76°F. <u>y</u>
* 202	C. E. Scull	Blount Drilling	1966	634	12	634	Evl	562	--	--	T, G 120	Irr	Slotted from 574 to 634 ft. Gravel packed. Pump set at 350 ft. Reported yield of 970 gpm. Development test: Drawdown of 70 ft while pumping 2,500 gpm. Temp. 82°F.
401	Texas Water Development Board	Texas Water Development Board	1970	325	4	219	Ec, Evl	473	64.78 69.92	Mar. 2, 1970 Mar. 23, 1972	N	N	Perforated from 79 to 219 ft. Open hole from 219 to 325 ft. Temp. 76°F. Observation well. <u>y</u> <u>y</u>
501	E. M. Talk	--	--	--	--	--	Ec	460	56.20 59.56	June 29, 1951 Mar. 20, 1968	C, W	D, S	Well B-11 in Texas Board of Water Engineers Bulletin 5710. Dug well. Historical observation well.
502	Higgins Grass, Seed and Hay Farm	Moy's Water Well Drilling	--	150	12	150	Ec	430	30.78 31.68	Feb. 13, 1969 Feb. 29, 1972	N	N	Slotted. Observation well. <u>y</u>
* 503	Ben F. Foster	do	1961	455	8 7	231 451	Ec, Evl	437	38	Mar. 6, 1961	T, E 10	Irr	Slotted. Pump set at 120 ft. Reported yield of 130 gpm. Development test: Drawdown of 50 ft while pumping 352 gpm for 23 hours on Mar. 6, 1961. Temp. 74°F. <u>y</u>

See footnotes at end of table.

## WILSON COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
ZL-68-48-601	W. A. Childress	Moy's Water Well Drilling	1962	202	12	202	Ec	490	84.04 93.38	Jan. 27, 1964 Feb. 29, 1972	Sub, E 1	D, S	Slotted from 52 to 202 ft. Gravel packed. Top of Carrizo Sand 169 ft. Observation well. <u>y</u>
* 602	T. A. Kincaid	E. H. Cannon Drilling Co.	1963	374	12	374	Ec	532	--	--	T, E 150	Irr	Slotted from 174 to 374 ft. Gravel packed. Pump set at 230 ft. Reported yield of 1,050 gpm. Temp. 76°F. <u>y</u>
* 603	do	Johnson Drilling and Supply Co.	1964	291	12	291	Ec	554	--	--	T, E 150	Irr	Slotted from 200 to 291 ft. Gravel packed. Pump set at 258 ft. Reported yield of 1,050 gpm. Temp. 76°F. <u>y</u>
604	W. A. Childress	Watkins Brothers Drilling Co.	1964	300	12	300	Ec	495	--	--	T, G 150	Irr	Slotted from 225 to 300 ft. Gravel packed. <u>y</u>
605	do	do	1964	300	12	300	Ec	500	102.80	Feb. 18, 1969	N	N	Do.
606	do	do	1964	300	12	300	Ec	530	87.30	do.	J, C	S	Do.
* 607	do	Moy's Water Well Drilling	1963	304	12	285	Ec	481	--	--	T, G 105	Irr	Slotted from 145 to 285 ft. Gravel packed. Reported yield of 950 gpm. Temp. 75°F. <u>y</u>
608	do	do	1963	300	12	300	Ec	475	74.15	Feb. 18, 1969	N	N	Slotted from 180 to 300 ft.
* 701	Joe and Irene Henderson	Watkins Brothers Drilling Co.	1967	435	12	435	Ec	435	100.18	Feb. 12, 1969	T, G 75	N	Slotted from 305 to 425 ft. Gravel packed. Unused irrigation well. Reported yield of 563 gpm. Temp. 76°F. <u>y</u>
* 702	E. H. Chandler	Moy's Water Well Drilling	1964	450	12	443	Ec	558	--	--	T, Ng 125	Irr	Slotted from 303 to 443 ft. Gravel packed. Reported yield of 770 gpm. Development test: Drawdown of 77 ft while pumping 1,359 gpm on Apr. 9, 1964. Temp. 77°F. <u>y</u>
703	do	Watkins Brothers Drilling Co.	1968	455	12	455	Ec	538	--	--	N	N	Slotted from 325 to 445 ft. Gravel packed. <u>y</u>
801	H. McLanehan	--	1916	135	3	--	Ec	461	63.70 61.71	June 26, 1936 May 19, 1961	C	N	Unused. Historical observation well.
802	Jack Mesman	Watkins Brothers Drilling Co.	1967	280	10	280	Ec	416	19 13.32	1967 Feb. 29, 1972	T, G 90	Irr	Slotted from 165 to 272 ft. Gravel packed. Pump set at 60 ft. Reported yield of 600 gpm. Development test: Drawdown of 26 ft while pumping 1,300 gpm for 8-1/2 hours on July 12, 1967. Observation well. <u>y</u>
* 803	Bill Deagan and Sons	do	1967	283	12	283	Ec	420	24.85 25.28	Feb. 11, 1969 Jan. 27, 1970	T, G 95	Irr	Slotted from 158 to 273 ft. Gravel packed. Pump set at 80 ft. Reported yield of 1,400 gpm. Development test yielded 2,200 gpm. <u>y</u>
* 804	do	Moy's Water Well Drilling	1965	355	12	355	Ec	440	--	--	T, G 95	Irr	Slotted from 195 to 355 ft. Pump set at 90 ft. Reported yield of 947 gpm. Development test yielded 2,500 gpm. Temp. 75°F. <u>y</u>
* 805	E. H. Harrell	Moy's Water Well Drilling	1968	655	12	640	Ec	441	41.40	Mar. 21, 1969	T, G 90	Irr	Slotted from 440 to 640 ft. Cemented from 500 ft to surface. Pump set at 150 ft. Reported yield of 1,559 gpm. Development test: Drawdown of 89 ft while pumping 2,500 gpm in Jan. 1969. Temp. 80°F. Historical observation well. <u>y</u>
* 806	Billy Deagan	do	1957	250	8	250	Ec	463	--	--	Sub, E 1-1/2	P	Gravel packed. Pump set at 120 ft. Reported yield of 50 gpm. Temp. 83°F.

See footnotes at end of table.

## WILSON COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
ZL-68-48-807	Gus Donaho	Watkins Brothers Drilling Co.	1961	393	8	393	Ec	410	4.5	Oct. 11, 1963	T, E 20	Irr	Slotted from 333 to 393 ft. Cemented from 20 ft to surface. Pump set at 70 ft. Reported yield of 700 gpm. Development test: Drawdown of 115 ft while pumping 730 gpm for 37 hours on Oct. 11, 1963.
810	Bill Desgau and Sons	Texas Water Development Board	1970	280	--	--	Ec	424	27.2	Jan. 29, 1970	N	N	Abandoned. Temp. 75°F. <u>2</u>
811	do	do	1970	370	--	--	Ec	425	24.2	Jan. 30, 1970	N	N	Abandoned. Temp. 76°F. <u>2</u>
812	do	do	1970	533	3	291	Ec, Evi	426	33.11 35.08	Feb. 20, 1970 Mar. 23, 1972	N	N	Slotted from 187 to 291 ft. Open hole from 291 to 533 ft. Observation well. <u>1</u> <u>2</u> <u>3</u>
901	Higgins Grass, Seed and Hay Farm	Moy's Water Well Drilling	1950	370	10	370	Ec	480	--	--	T, E	N	Slotted. Gravel packed. Unused irrigation well. Reported yield of 200 gpm.
* 902	do	Watkins Brothers Drilling Co.	1967	377	12	377	Ec	480	--	--	T, E 50	Irr	Slotted from 248 to 368 ft. Gravel packed. Pump set at 110 ft. Reported yield of 1,051 gpm. Temp. 76°F. <u>1</u>
* 903	W. A. Childress	do	1964	300	12	300	Ec	490	--	--	T, G 150	Irr	Slotted from 225 to 300 ft. Gravel packed. Temp. 80°F. <u>1</u>
* 904	Paul Richter, Jr.	Paul Daniels	1965	600	12	--	Ec	445	28	May 7, 1965	T, E 100	Irr	Slotted. Reported yield of 650 gpm. Development test: Drawdown of 124 ft while pumping 2,500 gpm for 22-1/2 hours on May 7, 1965. Temp. 78°F.
905	do	Watkins Brothers Drilling Co.	1965	580	12	580	Ec	442	--	--	T, G 50	Irr	Slotted from 430 to 580 ft. Gravel packed. <u>1</u>
* 906	Z. H. Harrell	A. R. Thierry	1956	540	12 10	300 540	Ec	408	--	--	T, E 40	Irr	Slotted from 470 to 540 ft. Cemented from 470 ft to surface. Reported yield of 1,200 gpm. Development test yielded 2,150 gpm. Temp. 80°F. <u>1</u>
907	Juan Flores	Moy's Water Well Drilling	1956	340	10 8	110 340	Ec	502	97.55 101.82	Feb. 19, 1969 Feb. 29, 1972	T, G 30	Irr	Slotted from 190 to 340 ft. Gravel packed. Pump set at 170 ft. Observation well. <u>3</u>
908	James O. Bishop	--	--	--	--	--	Ec	444	--	--	T, E	Irr	--
909	F. F. Eichman, Jr.	-- Benman	1962	150	8	150	Ec	415	--	--	T, G 35	Irr	Slotted from 100 to 150 ft. Gravel packed. Reported yield of 250 gpm. Development test yielded 409 gpm.
* 53-901	Leo Jasik	Moy's Water Well Drilling	1968	780	12	780	Ec	545	--	--	T, G 240	Irr	Slotted from 580 to 780 ft. Gravel packed. Pump set at 300 ft. Reported yield of 958 gpm. Development test yielded 2,500 gpm. Temp. 82°F. <u>1</u>
* 902	Charles Freeman	do	1966	754	12	754	Ec	585	--	--	T, G 150	Irr	Slotted from 619 to 754 ft. Cemented from 585 ft to surface. Pump set at 260 ft. Reported yield of 560 gpm. Development test: Drawdown of 97 ft while pumping 1,750 gpm for 24 hours on Apr. 19, 1966. Temp. 81°F. <u>1</u>
* 54-202	Texas Sand Co.	--	1952	686	8	686	Evi	460	32.60 30.56	Jan. 28, 1964 Apr. 9, 1971	T, G 5	Ind	Pump set at 200 ft. Reported yield of 110 gpm. Temp. 78°F. Observation well. <u>3</u>
* 203	W. S. Dickey Clay Manufacturing Co.	Burkett Drilling Co.	1959	700	10 8	300 700	Evi	476	72	June 27, 1959	T, E 15	P, Ind	Slotted from 450 to 700 ft. Cemented from 300 ft to surface. Reported yield of 125 gpm. Development test: Drawdown of 78 ft while pumping 420 gpm on June 27, 1959. Temp. 80°F. <u>1</u>

See footnotes at end of table.



## WILSON COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
ZL-68-54-301	C. A. Baird	Moy's Water Well Drilling	1969	360	12	336	Ec	492	101.70 98.22	Mar. 28, 1969 Mar. 3, 1972	T, G 100	Irr	Slotted from 146 to 326 ft. Gravel packed. Pump set at 170 ft. Reported yield of 1,000 gpm. Development test: Drawdown of 78 ft while pumping 1,575 gpm for 10-1/2 hours on Mar. 24, 1969. Observation well. <u>Y</u> <u>Y</u>
* 302	Jessie Bauer	do	1966	355	12	352	Ec	476	109	Apr. 25, 1966	T, C 100	Irr	Slotted from 202 to 352 ft. Gravel packed. Pump set at 184 ft. Reported yield of 542 gpm. Development test: Drawdown of 86 ft while pumping 1,702 gpm for 13 hours on Apr. 25, 1966. Temp. 77°F. <u>Y</u>
* 401	G. A. Quintero	--	1950	45	30	45	Ec	450	31.7 38.15	Oct. 20, 1953 Feb. 10, 1966	J, E	D, S	Well A-55 in Texas Board of Water Engineers Bulletin 5710. Historical observation well.
* 501	W. R. Deuwall	Hardin and Guenther	1948	720	8 5	-- 720	Ewi	432	--	--	Flows, T, G 23	Irr	Well A-51 in Texas Board of Water Engineers Bulletin 5710. Oil test converted to water well. Slotted from 680 to 720 ft. Reported flow of 75 gpm. Reported yield of 500 gpm. Temp. 70°F.
503	J. T. Dial	Olaf L. Boone	1964	246	12	246	Ec	432	32	Sept. 11, 1963	T, G 38	Irr	Slotted from 80 to 246 ft. Reported yield of 520 gpm. Development test: Drawdown of 37 ft while pumping 528 gpm for 19 hours on Sept. 11, 1963.
506	Texas Water Development Board	Texas Water Development Board	1970	482	4 3	63 482	Ec, Ewi	419	29.85 29.68	Jan. 20, 1971 Mar. 23, 1972	N	N	Slotted from 38 to 63 ft and 125 to 482 ft. Temp. 72°F. Observation well. <u>Y</u> <u>Y</u> <u>Y</u>
* 601	Cano Verde School	--	--	53	24	--	Ec	404	44.29 51.34	June 28, 1951 Feb. 23, 1960	J, E	P	Well A-43 in Texas Board of Water Engineers Bulletin 5710. Historical observation well.
602	Howard Tom	George Guenther	1958	200	3	200	Ec	525	133.85 140.19	Jan. 28, 1964 Mar. 3, 1972	C, W	S	Slotted from 158 to 200 ft. Observation well. <u>Y</u>
603	B. A. Jimenez	Blount Drilling	1967	610	12 10	200 610	Ec	476	--	--	T	Irr	Slotted from 430 to 610 ft. Gravel packed. Pump set at 140 ft. Reported yield of 1,200 gpm. Development test: Drawdown of 50 ft while pumping 2,100 gpm in Apr. 1967.
604	M. Torin, Jr.	Blount Drilling	1968	430	12	430	Ec	406	47	Oct. 11, 1967	T, G 115	Irr	Slotted from 300 to 430 ft. Gravel packed. Pump set at 300 ft. Reported yield of 1,000 gpm. Development test: Drawdown of 30 ft while pumping 1,700 gpm for 16 hours on Oct. 11, 1967.
701	Tom Wright	George Guenther	1952	364	5	--	Ec	562	120.9 124.26	Oct. 16, 1953 Mar. 18, 1966	N	N	Well E-3 in Texas Board of Water Engineers Bulletin 5710. Historical observation well.
702	Toni Divin	Moy's Water Well Drilling	1968	668	12	668	Ec	560	179.95	Mar. 14, 1969	T, C 165	Irr	Slotted from 528 to 668 ft. Gravel packed. Pump set at 280 ft. Reported yield of 1,100 gpm. Development test: Drawdown of 51 ft while pumping 2,150 gpm. Historical observation well.
* 703	Edmond J. Ford, Jr.	Pennington Water Well Drilling Co.	1968	912	12	912	Ec	580	--	--	T, Ng 115	Irr	Slotted from 732 to 912 ft. Gravel packed. Pump set at 450 ft. Reported yield of 1,034 gpm. Development test yielded 2,500 gpm. Temp. 84°F. <u>Y</u>
* 704	do	do	1968	800	12	800	Ec	550	--	--	T, Ng 110	Irr	Slotted from 640 to 800 ft. Gravel packed. Pump set at 450 ft. Reported yield of 1,100 gpm. Development test yielded 2,500 gpm. Temp. 82°F. <u>Y</u>
705	do	--	--	--	12	--	Ec	520	--	--	T, Ng 125	Irr	Reported yield of 500 gpm.
* 706	do	--	1965	750	12	750	Ec	530	--	--	T, Ng 100	Irr	Reported yield of 476 gpm. Temp. 81°F.

See footnotes at end of table.

## WILSON COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
EL-68-54-707	W. P. Glass	--	--	--	12	--	Ec	470	--	--	T, G 115	Irr	--
802	Edmond J. Ford, Jr.	Bergman and Kins	1964	737	10 7	500 737	Ec	575	188.25 195.05	Feb. 9, 1970 Mar. 3, 1972	Sub, E	D	Oil test drilled to 2,601 ft, plugged back to 737 ft, and converted to water well. Shot perforated from 600 to 700 ft. Development test: Drawdown of 80 ft while pumping 948 gpm on Sept. 4, 1964. Observation well. 2 3
803	Bramlow-Masher Farms	Alamo Machine and Manufacturing Co.	1965	1,020	16	824	Ec	475	--	--	T, Ng	Irr	Slotted from 610 to 824 ft. Cemented from 610 ft to surface. Pump set at 200 ft. Reported yield of 1,400 gpm. Development test: Drawdown of 49 ft while pumping 1,900 gpm for 34 hours in Feb. 1965. 1
805	A. B. Boyson	Moy's Water Well Drilling	1965	788	10	788	Ec	528	--	--	T, G 100	Irr	Slotted from 588 to 788 ft. Gravel packed. Pump set at 170 ft. Reported yielded of 800 gpm.
* 901	John B. Connally	McKinley Drilling Co.	1955	1,020	12 10	240 1,020	Ec	515	107.5 126.91	Apr. 3, 1955 Mar. 3, 1972	T, Ng 100	Irr	Well F-10 in Texas Board of Water Engineers Bulletin 5710. Slotted from 677 to 980 ft. Pump set at 180 ft. Reported yield of 1,200 gpm. Development test: Drawdown of 31 ft while pumping 1,800 gpm in June 1955. Temp. 87°F. Observation well. 3
* 902	Picosa School	George Gueather	1946	152	--	--	Eqc	460	80.2 78.82	Nov. 3, 1954 Feb. 12, 1963	C, N	F	Well F-13 in Texas Board of Water Engineers Bulletin 5710. Historical observation well.
* 903	John B. Connally	McKinley Drilling Co.	1964	1,017	16 12	314 1,017	Ec	478	--	--	T, Ng 150	Irr	Slotted from 717 to 1,017 ft. Cemented from 687 ft to surface. Pump set at 200 ft. Reported yield of 1,011 gpm. Development test yielded 2,000 gpm for 56 hours on Apr. 8, 1969. Temp. 87°F. 2
* 55-101	Mrs. Lucia Montola	--	1900	100	36	--	Ec	410	70.50 70.54	Feb. 14, 1926 May 19, 1961	C, W	D, S	Well A-24 in Texas Board of Water Engineers Bulletin 5710. Dug well. Historical observation well.
102	W. F. Schultz	Connally Drilling Co.	1966	335	10	335	Ec	478	80	Jan. 27, 1967	T, G 50	Irr	Oil test converted to water well. Slotted from 185 to 335 ft. Gravel packed. Pump set at 150 ft. Reported yield of 650 gpm. Development test: Drawdown of 26 ft while pumping 1,114 gpm for 15 hours on Jan. 27, 1967.
103	L. C. Funtz	Roan Oil Drilling	1964	278	10	278	Ec	430	--	--	T, C 100	Irr	Oil test converted to water well. Slotted from 150 to 278 ft. Gravel packed. Pump set at 100 ft. Reported yield of 900 gpm. Development test: Drawdown of 36 ft while pumping 1,200 gpm.
104	O. C. Johns	Ferryman Brothers Drilling Co.	1957	298	10	298	Ec	435	--	--	T, Ng 65	Irr	Slotted from 138 to 298 ft. Gravel packed. Pump set at 140 ft. Reported yield of 800 gpm. Development test: Drawdown of 67 ft while pumping 1,900 gpm.
* 201	Oscar Roemer	Moy's Water Well Drilling	1966	317	12	317	Ec	525	--	--	T, C 105	Irr	Slotted from 167 to 317 ft. Gravel packed. Pump set at 150 ft. Reported yield of 646 gpm. Development test: Drawdown of 12 ft while pumping 1,900 gpm for 5 hours. Temp. 75°F. 1
202	O. C. Johns	do	1965	397	12	397	Ec	507	107.92 112.98	May 14, 1969 Mar. 23, 1972	T, Ng	Irr	Slotted from 237 to 397 ft. Gravel packed. Development test: Drawdown of 18 ft while pumping 1,991 gpm for 23-1/2 hours on Mar. 31, 1965. Observation well. 3

See footnotes at end of table.

## WILSON COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM-ETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
ZL-66-55-203	D. C. Johns	Moy's Water Well Drilling	1963	400	10	400	Ec	487	83.60 84.16	May 14, 1969 Aug. 18, 1970	N	N	Slotted from 250 to 400 ft. Gravel packed. Development test: Drawdown of 66 ft while pumping 1,011 gpm for 20-1/2 hours on July 12, 1963.
204	Lee Gilliland	do	1965	430	12	424	Ec	542	--	--	T, G 90	Irr	Slotted from 274 to 424 ft. Gravel packed. <u>y</u>
301	J. B. Robles	Blount Drilling	1966	356	12 10	160 356	Ec	569	--	--	N	N	Slotted from 206 to 356 ft. Gravel packed. Development test: Drawdown of 60 ft while pumping 1,600 gpm.
302	Lester Nutt	H. and J. Drilling Co.	1966	735	13	735	Ec	530	122	July 11, 1966	T, G 125	Irr	Slotted from 435 to 735 ft. Gravel packed. Pump set at 160 ft. Reported yield of 800 gpm. Development test: Drawdown of 50 ft while pumping 1,900 gpm for 14 hours on July 11, 1966.
* 401	Carl Shellhaus	--	--	110	4	--	Ec	420	20.00 2.75	Feb. 13, 1936 June 22, 1970	N	N	Well A-30 in Texas Board of Water Engineers Bulletin 5710. Historical observation well.
w 402	Das T. Johns	--	--	400	8	--	Ec	430	39.71 40.0	June 28, 1951 Apr. 1955	C, W	D, S	Well A-28 in Texas Board of Water Engineers Bulletin 5710. Historical observation well.
403	Leroy Shellhaus	--	--	200	4	80	Ec	432	38.43 41.82	Oct. 28, 1953 Sept. 22, 1955	C, W	D, S	Well A-31 in Texas Board of Water Engineers Bulletin 5710. Dog well to 80 ft. Historical observation well.
w 404	D. C. Johns	Moy's Water Well Drilling	1954	1,036	5 4	560 --	Ec, Ewl	460	20.0 64.81	Apr. 1955 May 20, 1968	T, E 10	S	Well A-29 in Texas Board of Water Engineers Bulletin 5710. Slotted from 520 to 560 ft. Reported yield of 75 gpm. Temp. 78°F. Historical observation well.
405	Joe Paviliska	do	1966	425	10	425	Ec	456	73	May 10, 1966	T, C 50	Irr	Slotted from 245 to 425 ft. Development test: Drawdown of 53 ft while pumping 1,625 gpm for 24-1/2 hours on May 10, 1966. <u>y</u>
* 406	Leroy Shellhaus	do	1969	394	12	394	Ec	480	--	--	T	Irr	Slotted from 314 to 394 ft. Gravel packed. Pump set at 80 ft. Reported yield of 750 gpm. Development test: Drawdown of 15 ft while pumping 2,200 gpm. Temp. 78°F. <u>y</u>
407	Rex Furchis	do	1957	417	8 7	200 417	Ec	456	61.30 67.17	May 19, 1969 Mar. 3, 1972	T, G	Irr	Slotted from 320 to 420 ft. Gravel packed. Pump set at 200 ft. Reported yield of 500 gpm. Observation well. <u>y</u>
502	M. J. Oats	Ace Pump Co.	1965	200	7	200	Eqc	453	--	--	T, Mg 35	Irr	Slotted from 150 to 200 ft. Gravel packed. Pump set at 150 ft. Reported yield of 150 gpm.
601	George Zidok	George Guenther	1955	464	12	464	Ec	513	90.0 116.77	June 7, 1955 Feb. 29, 1972	N	N	Well B-49 in Texas Board of Water Engineers Bulletin 5710. Slotted. Observation well. <u>y</u>
602	Charles J. Suoboda	-- McKenzie	1956	950	10 8	100 950	Ec	470	--	--	N	N	Abandoned. Slotted from 800 to 950 ft. Cemented from 800 ft to surface.
* 603	J. L. Mills	Moy's Water Well Drilling	1966	618	12	618	Ec	479	--	--	T, G 100	Irr	Slotted from 418 to 618 ft. Gravel packed. Reported yield of 797 gpm. Development test yielded 2,000 gpm. Temp. 82°F. <u>y</u>
604	Lester Nutt	H. and J. Drilling Co.	1967	915	10 7	400 915	Ec	490	89.0	Apr. 29, 1969	N	N	Slotted from 715 to 915 ft. Development test: Drawdown of 170 ft while pumping 732 gpm.
605	Bill Finck	Moy's Water Well Drilling	1964	--	--	--	Ec	470	80	June 3, 1964	T, G 67	Irr	Gravel packed. Pump set at 150 ft. Development test: Drawdown of 46 ft while pumping 1,505 gpm for 24 hours on June 3, 1964.

See footnotes at end of table.

WILSON COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
ZL-68-55-702	Dan Forester	Dan Forester	1959	900	7	900	Ec	391	--	--	Flows, Sub, E 1	S	Slotted from 700 to 900 ft. Cemented from 700 ft to surface.
703	do	do	1959	900	7	900	Ec	385	--	--	Flows, Sub, E 7-1/2	S, Irr	Slotted from 700 to 900 ft. Cemented from 700 ft to surface. Reported flow of 30 gpm. Pump set at 63 ft. Reported yield of 300 gpm.
* 704	Merrill Connally	Moy's Water Well Drilling	1961	920	7	920	Ec	430	27.33 27.90	May 19, 1969 Mar. 3, 1972	Sub, E 2	D, S	Slotted from 620 to 920 ft. Cemented from 620 ft to surface. Reported yield of 50 gpm. Development test yielded 600 gpm. Observation well. <u>1</u> <u>3</u>
* 705	Ban Talamantez	--	1946	200	4	200	Eqc	451	71.15 66.23	Nov. 5, 1953 Mar. 3, 1972	G, W	S	Well F-18 in Texas Board of Water Engineers Bulletin 5710. Temp. 80°F. Observation well. <u>3</u>
* 801	Eduro Talamantez	McKinley Drilling Co.	1956	966	10 8	400 966	Ec	411	--	--	T, G 60	Irr	Slotted from 666 to 966 ft. Gravel packed. Reported yield of 630 gpm. Temp. 92°F.
* 802	J. R. McDonald	H. and J. Drilling Co.	1966	720	12	720	Ec	445	55	Jan. 31, 1966	T, Ng 125	Irr	Oil test converted to water well. Slotted from 520 to 720 ft. Gravel packed. Pump set at 130 ft. Reported yield of 1,200 gpm. Development test: Drawdown of 86 ft while pumping 2,010 gpm for 19-1/2 hours on Jan. 31, 1966. Temp. 86°F.
803	R. Johnson	C. C. Hoover	1945	875	8 5	150 875	Ec	375	--	--	Sub, E 5	S, Irr	Well F-27 in Texas Board of Water Engineers Bulletin 5710. Slotted from 795 to 875 ft. Pump set at 60 ft. Reported yield of 180 gpm.
805	Oscar Mosmeyer	Olaf L. Boone	1962	858	12 8	295 858	Ec	440	34.75 47.94	Jan. 28, 1964 Mar. 3, 1972	T, G	Irr	Slotted from 644 to 858 ft. Pump set at 130 ft. Development test: Drawdown of 113 ft while pumping 1,342 gpm for 26-1/2 hours on Nov. 1, 1962. Observation well. <u>3</u>
* 901	City of Floresville	Layne-Texas Co.	1925	794	8	794	Ec	396	15.85	May 2, 1969	T, E 15	P	Well C-3 in Texas Board of Water Engineers Bulletin 5710 and Well 261 in Texas Board of Water Engineers miscellaneous report 299. Drilled to 1,523 ft, plugged back to 794 ft, screened from 773 to 794 ft. Pump set at 170 ft. Reported yield of 450 gpm. Temp. 91°F.
* 902	do	do	1950	960	10	960	Ec	390	+ 13.0 7.60	Feb. 16, 1955 May 2, 1969	T, S 40	P	Well G-2 in Texas Board of Water Engineers Bulletin 5710. Screened from 800 to 960 ft. Pump set at 110 ft. Reported yield of 767 gpm. Temp. 91°F. <u>2</u>
* 903	do	do	1962	1,400	12 8	955 1,260	Ec	390	12.40 13.20	do. Mar. 26, 1970	T, E 75	P	Slotted from 965 to 1,260 ft. Cemented from 955 ft to surface. Pump set at 170 ft. Reported yield of 1,200 gpm. Development test: Drawdown of 45 ft while pumping 2,180 gpm for 24 hours on Jan. 5, 1962. Temp. 91°F. Observation well. <u>1</u> <u>3</u>
904	Lester Hutt	H. and J. Drilling Co.	1967	1,130	7 5	-- 1,130	Ec	395	--	--	T, Ng 30	Irr	Slotted from 930 to 1,130 ft. Reported yield of 400 gpm.
56-101	Scott R. Donaho	George Guenther	1951	280	7 4	161 280	Ec	489	78 89.97	May 1955 Mar. 30, 1972	Sub, E	D, S	Perforated from 257 to 279 ft. Observation well. <u>1</u> <u>3</u>
103	Julie L. Brown	Allen Franklin	1954	635	8 4	200 635	Ec	418	--	--	T, G 75	Irr	Well B-42 in Texas Board of Water Engineers Bulletin 5710. Reported yield of 450 gpm.
104	August Duolm	Moy's Water Well Drilling	1955	325	8	325	Ec	420	158	Sept. 16, 1957	T, G 90	Irr	Slotted from 125 to 325 ft. Gravel packed. Pump set at 220 ft. Reported yield of 1,000 gpm. Development test: Drawdown of 37 ft while pumping 846 gpm for 27 hours on Sept. 16, 1957.

See footnotes at end of table.

## WILSON COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
21-68-56-105	Carroll Johnson	Watkins Brothers Drilling Co.	1967	751	12	751	Ec	468	70	Apr. 19, 1967	T, G 60	Irr	Slotted from 631 to 751 ft. Cemented from 587 ft to surface. Pump set at 120 ft. Development test: Drawdown of 43 ft pumping 1,108 gpm for 89-1/2 hours on Apr. 19, 1967. <u>y</u>
106	Travis T. Mills	Elount Drilling	1965	632	12	625	Ec	496	100	Jan. 28, 1965	T, Ng 100	Irr	Slotted from 609 to 625 ft. Pump set at 140 ft. Reported yield of 800 gpm. Development test: Drawdown of 91 ft while pumping 2,250 gpm for 48 hours on Jan. 28, 1965. <u>y</u>
201	Oscar Sanders	Watkins Brothers Drilling Co.	1966	800	12	800	Ec	428	30.60 33.36	Mar. 25, 1970 Mar. 1, 1972	T, E 15	Irr	Slotted from 680 to 800 ft. Cemented from 660 ft to surface. Pump set at 85 ft. Reported yield of 800 gpm. Development test: Drawdown of 40 ft while pumping 2,010 gpm for 47 hours on Jan. 21, 1966. Observation well. <u>y</u>
* 202	G. Odem	do.	1967	531	7	530	Ec	453	54.5	Apr. 22, 1969	Sub, E 10	D, Irr	Slotted from 500 to 530 ft. Cemented from 480 ft to surface. Pump set at 130 ft. Reported yield of 150 gpm. Temp. 80°F. <u>y</u>
302	Willard Mills	do.	1963	520	10 8	176 520	Ec	431	27.97 37.35	Jan. 23, 1964 Mar. 1, 1972	T, E 15	Irr	Slotted from 458 to 520 ft. Observation well. <u>y</u>
304	Johannie Chuoke	do.	--	810	12	810	Ec	392	--	--	Flows, T, G 100	Irr	Slotted from 685 to 810 ft. Cemented from 660 ft to surface. Reported flow of 500 gpm in 1965. Development test yielded 2,000 gpm for 17 hours on Nov. 9, 1965. <u>y</u>
305	do.	do.	1965	810	12	810	Ec	405	11	Dec. 31, 1965	T, G 100	Irr	Slotted from 685 to 810 ft. Cemented from 660 ft to surface. Reported yield of 1,200 gpm. Development test: Drawdown of 41 ft while pumping 2,010 gpm for 8 hours on Dec. 31, 1965. <u>y</u>
306	do.	do.	1966	910	12	910	Ec	440	--	--	T, G	Irr	Slotted from 789 to 910 ft. Cemented from 767 ft to surface. <u>y</u>
* 307	Oscar Sanders	do.	1967	814	12	814	Ec	390	--	--	Flows, T, G	Irr	Slotted from 694 to 814 ft. Cemented from 655 ft to surface. Reported flow of 130 gpm in 1969. Pump set at 45 ft. Reported yield of 1,200 gpm. Development test: Drawdown of 38 ft while pumping 1,693 gpm. Temp. 82°F. <u>y</u>
* 308	Johannie Chuoke	do.	1967	814	12	814	Ec	390	--	--	Flows, T, G 100	Irr	Slotted from 693 to 814 ft. Cemented from 656 ft to surface. Reported yield of 1,240 gpm. Temp. 84°F. <u>y</u>
309	Robert R. Cone	do.	1965	590	10	590	Ec	410	--	--	T, G 100	Irr	Slotted from 490 to 590 ft. Cemented from 490 to 390 ft. Reported yield of 500 gpm. Development test: Drawdown of 22 ft while pumping 850 gpm for 24 hours. <u>y</u>
310	Charles T. Aubin	Fred Brown	1955	920	16 12	300 900	Ec	390	--	--	T, E 25	Irr	Oil test converted to water well. Perforated. Cemented from 800 ft to surface. Top of Carrizo Sand 470 ft. Development test yielded 3,250 gpm for 78 hours on Sept. 12, 1956.
401	R. A. Collins	-- Newman	1954	760	7	760	Ec	565	154.2 185.27	Dec. 1, 1954 Feb. 29, 1972	Sub, E	D, S	Well B-44 in Texas Board of Water Engineers Bulletin 5710. Perforated. Open hole from 740 to 760 ft. Development test: Drawdown of 21 ft while pumping 125 gpm. Observation well. <u>y</u>
* 403	Robert Mills	Moy's Water Well Drilling	1967	970	12	970	Ec	508	--	--	T, Ng 100	Irr	Slotted from 750 to 970 ft. Cemented from 750 ft to surface. Pump set at 180 ft. Reported yield of 1,000 gpm. Development test: Drawdown of 70 ft while pumping 2,200 gpm. Temp. 88°F. <u>y</u>

See footnotes at end of table.

## WILSON COUNTY

Table I. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
ZL-68-56-404	W. M. Danaho	George Guenther	1954	996	10 8	243 996	Ec	528	--	--	T, G 141	Irr	Well B-38 in Texas Board of Water Engineers Bulletin 5710. Slotted from 775 to 996 ft. Reported yield of 1,200 gpm.
405	F. R. McMeans	Watkins Brothers Drilling Co.	1967	451	8	451	Eqc	492	120	July 14, 1967	Sub, E '15	Irr	Slotted from 350 to 450 ft. Gravel packed. Development test: Drawdown of 130 ft while pumping 345 gpm for 19-1/2 hours on July 14, 1967. <u>y</u>
501	H. R. Barber	do	1967	750	12	750	Ec	430	124	May 23, 1967	T, G 100	Irr	Slotted from 605 to 750 ft. Gravel packed. Pump set at 240 ft. Development test: Drawdown of 183 ft while pumping 1,693 gpm for 24 hours on May 23, 1967. <u>y</u>
* 502	Rex McClosky	Moy's Water Well Drilling	1965	1,044	12	1,044	Ec	586	97	Feb. 7, 1966	T, Mg 150	Irr	Slotted from 864 to 1,044 ft. Cemented from 864 ft to surface. Pump set at 150 ft. Reported yield of 916 gpm. Development test: Drawdown of 42 ft while pumping 1,646 gpm for 90-1/2 hours on Feb. 7, 1966. Temp. 90°F.
503	M. E. Key	do	1965	395	8	373	Eqc	482	--	--	T, Mg 90	S, Irr	Slotted from 253 to 373 ft. Gravel packed. <u>y</u>
508	Sun Ray Mid-Continent Oil Co.	Security Drilling Co.	1956	2,093	5	2,093	Swt	469	40	Mar. 25, 1969	T, E 7-1/2	Ind	Water used to repressure oil field. Oil test drilled to 3,192 ft, plugged back to 2,093 ft, and converted to water well. Perforated from 2,005 to 2,070 ft. Cemented from 2,093 ft to surface. Pump set at 150 ft. Development test: Drawdown of 30 ft while pumping 630 gpm for 8 hours on Mar. 15, 1969. <u>y</u>
701	C. R. Draymella	Moy's Water Well Drilling	1965	488	8	488	Eqc	488	103	Nov. 9, 1965	T, G 40	Irr	Slotted. Gravel packed. Development test: Drawdown of 147 ft while pumping 1,017 gpm for 22 hours on Nov. 9, 1965. <u>y</u>
702	J. M. McIntire	do	1967	543	10	543	Eqc	445	85	Nov. 23, 1967	T, G 67	Irr	Slotted from 400 to 543 ft. Gravel packed. Pump set at 220 ft. Reported yield of 600 gpm. Development test: Drawdown of 144 ft while pumping 1,156 gpm for 25-1/2 hours on Nov. 23, 1967. <u>y</u>
703	Sunko Water Supply Corp.	do	1968	1,287	7 4	1,200 1,287	Ec	486	91	Nov. 12, 1969	Sub, E	P	Slotted from 1,200 to 1,287 ft. Cemented from 1,200 ft to surface. Development test: Drawdown of 34 ft while pumping 300 gpm for 26 hours on Nov. 12, 1969. <u>y</u>
* 801	Lawrence G. Arnold	Calhoun-Buckner Co.	1954	1,121	8 6	490 1,121	Ec	448	34	Nov. 2, 1954	T, G 50	Irr	Slotted from 1,021 to 1,121 ft. Pump set at 120 ft. Reported yield of 500 gpm. Development test: Drawdown of 86 ft while pumping 720 gpm for 16 hours on Nov. 2, 1954. <u>y</u>
802	D. D. Compton	S. L. Newman	1952	400	12	212	Eqc	487	113.2 102.40	June 22, 1955 Apr. 29, 1969	T, G 60	Irr	Well G-47 in Texas Board of Water Engineers Bulletin 5710. Open hole from 212 to 400 ft. Cemented from 212 ft to surface. Pump set at 176 ft. Reported yield of 600 gpm. Development test yielded 1,460 gpm.
803	D. P. Reed	Blount Drilling	1967	810	12 10	200 810	Eqc	467	125	Jan. 15, 1968	T, G 90	Irr	Slotted from 630 to 810 ft. Gravel packed. Pump set at 160 ft. Development test: Drawdown of 113 ft while pumping 1,700 gpm for 23-1/2 hours on Jan. 15, 1968.
804	O. D. Compton	Moy's Water Well Drilling	1967	460	12	238	Eqc	489	91.50 97.23	Apr. 29, 1969 Mar. 1, 1972	T, E	Irr	Open hole from 238 to 460 ft. Development test: Drawdown of 109 ft while pumping 1,606 gpm for 22 hours on Aug. 9, 1967. Observation well. <u>y</u>

See footnotes at end of table.

## WILSON COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASTING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* ZL-68-56-901	Philip Metz	--	1901	79	48	79	Es	408	52.90 50.92	Dec. 3, 1954 Mar. 1, 1972	J, E 3/4	D, S	Well C-21 in Texas Board of Water Engineers Bulletin 5710. Dug well, curbed with rock. Temp. 80°F. Observation well. <u>3</u>
902	Mrs. John Spruce	A. R. Thierry	1957	1,283	12 8	400 1,283	Ec	460	52 77.65	Mar. 23, 1957	T, E 30	Irr	Slotted from 1,040 to 1,283 ft. Cemented from 1,040 ft to surface. Pump set at 100 ft. Observation well. <u>3</u>
61-304	Charles Freeman	Moy's Water Well Drilling	1968	783	12	783	Ec	495	110	Apr. 9, 1968	T, G 90	Irr	Slotted from 562 to 783 ft. Cemented from 562 ft to surface. Pump set at 160 ft. Reported yield of 1,100 gpm. Development test: Drawdown of 42 ft while pumping 2,219 gpm on Apr. 9, 1968. <u>1</u>
* 62-101	Fairview Farms	McKinley Drilling Co.	1956	1,355	12	1,355	Ec	533	134.50	Mar. 19, 1969	C, W	S	Temp. 88°F. Historical observation well.
102	Joe D. Tackitt	Moy's Water Well Drilling	1969	590	12	590	Eqc	485	73.40 78.90	Mar. 13, 1969 Mar. 3, 1972	T, G 170	Irr	Slotted from 350 to 580 ft. Gravel packed. Development test: Drawdown of 143 ft while pumping 1,700 gpm for 41 hours on Feb. 28, 1969. Observation well. <u>3</u>
* 103	Herman Popham	do	1968	1,179	12	1,179	Ec	512	160	May 30, 1968	T, G 176	Irr	Slotted from 1,083 to 1,179 ft. Pump set at 240 ft. Reported yield of 866 gpm. Development test: Drawdown of 72 ft while pumping 1,651 gpm for 24 hours on May 30, 1968. Temp. 87°F. <u>1</u>
104	Ray's Dairy	do	--	925	12	920	Ec	590	211	June 23, 1966	T, G 115	Irr	Slotted from 766 to 720 ft. Cemented from 766 ft to surface. Pump set at 250 ft. Reported yield of 1,200 gpm. Development test: Drawdown of 55 ft while pumping 1,700 gpm for 22-1/2 hours on June 23, 1966. <u>1</u>
105	Gene Lothringer	Olaf L. Boone	1963	770	10	770	Ec	545	--	--	T, E 50	Irr	Slotted from 520 to 770 ft. Gravel packed. Pump set at 220 ft. Reported yield of 800 gpm.
106	Orville H. Vann	Stewart Water Well Service	1966	380	7	380	Eqc	525	--	--	C, G 3	S	Slotted from 310 to 380 ft. Cemented from 300 ft to surface. Gravel packed. Development test: Drawdown of 160 ft while pumping 274 gpm for 13 hours on Feb. 15, 1966. <u>1</u>
107	I. B. and Carl E. Ray	Olaf L. Boone	1954	736	10 7	300 700	Ec	595	--	--	T, G	N	Well E-10 in Texas Board Water Engineers Bulletin 5710. Slotted from 500 to 700 ft. Unused irrigation well. Reported yield of 600 gpm. <u>2</u>
* 201	Fairview School	George Guenther	1954	390	7	390	Eqc	545	--	--	C, E 1	P	Well F-6 in Texas Board of Water Engineers Bulletin 5710. Drilled to 533 ft and plugged back to 390 ft. Slotted from 327 to 390 ft. Temp. 77°F. <u>1</u>
* 202	K. R. Popham	Lawrence and Joe Swierc	1955	1,104	10 7	218 1,104	Ec	496	94.3 123.75	May 10, 1955 Mar. 3, 1972	N	N	Well F-55 in Texas Board of Water Engineers Bulletin 5710. Slotted from 954 to 1,104 ft. Reported yield of 750 gpm. Observation well. <u>3</u>
* 203	M. Lothringer	Moy's Water Well Drilling	1968	1,019	12	1,019	Ec	502	120	Mar. 27, 1968	T, G 200	Irr	Slotted from 800 to 1,019 ft. Cemented from 800 ft to surface. Pump set at 280 ft. Reported yield of 1,100 gpm. Development test: Drawdown of 131 ft while pumping 2,010 gpm for 35-1/2 hours on Mar. 27, 1968. Temp. 88°F. <u>1</u>
204	Mrs. D. A. McKenzie	do	1966	988	10	988	Ec	495	--	--	T, G 100	Irr	Slotted from 788 to 988 ft. Gravel packed. Pump set at 160 ft. Reported yield of 800 gpm. <u>1</u>

See footnotes at end of table.

## WILSON COUNTY

Table I. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* 2L-68-62-205	John Henry Kelly	Watkins Brothers Drilling Co.	1964	972	12	972	Ec	532	135.35 161.30	Mar. 13, 1969 Mar. 3, 1972	T, G 75	Irr	Slotted from 830 to 972 ft. Cemented from 830 ft. to surface. Pump set at 200 ft. Reported yield of 586 gpm. Development test: Drawdown of 70 ft while pumping 1,753 gpm for 30 hours on July 31, 1964. Temp. 86°F. Observation well. <u>y</u> <u>z</u>
301	Gene V. Haverlah	Bianco Oil Co.	1965	665	8	365	Eqc	465	--	--	N	N	Oil test drilled to 3,320 ft, plugged back to 665 ft and converted to water well. Open hole from 365 to 665 ft. Cemented from 365 ft to surface. <u>y</u>
302	do	McKinley Drilling Co.	1966	1,275	12 8	602 1,256	Ec	480	120	July 5, 1966	T, G 155	Irr	Slotted from 1,006 to 1,256 ft. Open hole from 1,256 to 1,275 ft. Cemented from 975 ft to surface. Pump set at 180 ft. Development test: Drawdown of 58 ft while pumping 2,010 gpm for 36-1/2 hours on July 5, 1966.
* 401	Fairview Farms	do	1956	1,020	12 10	229 1,020	Ec	510	--	--	T, C 250	Irr	Slotted from 720 to 1,020 ft. Reported yield of 900 gpm. Temp. 88°F. <u>y</u>
402	do	do	1956	1,396	12	1,300	Ec	522	129.85	Mar. 18, 1969	N	N	Slotted from 1,050 to 1,300 ft. Historical observation well. <u>y</u>
404	do	do	1958	1,265	13 12	305 1,265	Ec	509	--	--	T	N	Slotted from 1,000 to 1,265 ft. Unused irrigation well. <u>y</u>
501	O. E. Yeager	Lawrence and Joe Swierc	1966	672.5	12	672	Eqc	496	110	Feb. 16, 1966	T, G 90	Irr	Slotted from 450 to 672 ft. Cemented from 446 ft to surface. Development test: Drawdown of 60 ft while pumping 817 gpm for 21-1/2 hours on Feb. 16, 1966. <u>y</u>
502	do	do	1956	410	8	410	Eqc	501	--	--	Sub, B 3/4	D, S	Perforated from 285 to 410 ft. Cemented from 285 ft to surface. Pump set at 125 ft. Reported yield of 50 gpm.
503	Vaughn Yeager	do.	1965	600	10	600	Eqc	437	91.20 100.05	May 28, 1969 Mar. 3, 1972	Sub, B	D, S	Slotted from 470 to 600 ft. Cemented from 470 ft to surface. Development test: Drawdown of 160 ft while pumping 1,291 gpm for 17-1/2 hours on Mar. 16, 1965. Observation well. <u>y</u>
* 601	William E. Moss	Moy's Water Well Drilling	1964	1,349	10 7	713 1,349	Ec	514	117	Mar. 24, 1964	T, G 115	Irr	Slotted from 1,149 to 1,349 ft. Cemented from 1,100 ft to surface. Pump set at 180 ft. Reported yield of 376 gpm. Development test: Drawdown of 65 ft while pumping 1,109 gpm for 19-1/2 hours on Mar. 24, 1964. Temp. 96°F. <u>y</u>
602	E. C. Mills	do	1967	1,400	10 7	456 1,400	Ec	480	93	Feb. 20, 1967	T, G 102	Irr	Slotted from 1,200 to 1,400 ft. Cemented from 456 ft to surface. Pump set at 180 ft. Reported yield of 1,000 gpm. Development test: Drawdown of 61 ft while pumping 1,030 gpm for 23-1/2 hours on Feb. 20, 1967. <u>y</u>
* 603	Duelt and Swientek	Blount Drilling	1966	1,310	8 7	1,070 1,310	Ec	505	116	Mar. 25, 1966	T, G 90	Irr	Slotted from 1,110 to 1,310 ft. Cemented from 1,070 ft to surface. Pump set at 180 ft. Reported yield of 1,300 gpm. Development test: Drawdown of 166 ft while pumping 718 gpm for 30 hours on Mar. 25, 1966. Temp. 83°F.
* 604	Felix Janek, Sr.	Moy's Water Well Drilling	1964	1,410	10 7	701 1,410	Ec	484	106	Dec. 7, 1964	T, G 100	Irr	Slotted from 1,201 to 1,410 ft. Pump set at 180 ft. Reported yield of 647 gpm. Development test: Drawdown of 72 ft while pumping 1,215 gpm for 18 hours on Dec. 7, 1964. Temp. 94°F. <u>y</u>
605	S. D. Armstrong	do.	1964	621	12	621	Eqc	512	--	--	T, G	Irr	Slotted from 421 to 621 ft. Gravel packed. <u>y</u>

See footnotes at end of table.



WILSON COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
2L-68-62-607	Griffin's Inn	George Guenther	1949	103	5	--	Es	497	63.39 62.97	Aug. 24, 1970 Mar. 3, 1972	J, E 1	D	Well F-67 in Texas Board of Water Engineers Bulletin 5710. Observation well. <u>3</u>
*	801	William Huble	1926	150	4	--	Es	406	17.8 15.68	Jan. 5, 1955 Nov. 16, 1960	N	N	Well F-63 in Texas Board of Water Engineers Bulletin 5710. Historical observation well.
*	802	Aiton Hierholzer	1954	1,600	10 7	250 1,600	Ec	442	32	Nov. 23, 1954	T, C 95	N	Slotted from 1,400 to 1,600 ft. Cemented from 1,400 ft to surface. Pump set at 175 ft. Reported yield of 900 gpm. Development test: Drawdown of 138 ft while pumping 1,312 gpm for 14 hours on Nov. 23, 1954. Temp. 98°F.
	803	C. H. Hierholzer	1954	1,600	10 7	300 1,600	Ec	442	24	Oct. 1954	T, C 75	Irr	Slotted from 1,500 to 1,600 ft. Cemented from 1,400 ft to surface. Pump set at 110 ft. Reported yield of 900 gpm. Development test: Drawdown of 124 ft while pumping 1,197 gpm for 22-1/2 hours in Oct. 1954.
*	902	Boening Brothers	1953	1,600	12 8	261 1,600	Ec	437	30.8 70.99	May 26, 1955 Jan. 17, 1972	T, G 95	Irr	Well F-65 in Texas Board of Water Engineers Bulletin 5710. Slotted from 1,460 to 1,600 ft. Reported yield of 1,200 gpm. Temp. 99°F. Observation well. <u>3</u>
	903	do	1954	1,780	10 7	250 1,780	Ec	425	--	--	T, E 30	Irr	Slotted from 1,600 to 1,780 ft. Cemented from 1,600 ft to surface. Pump set at 140 ft. Reported yield of 1,000 gpm.
*	904	Minnie Boeck	1964	1,708	12 8	599 1,708	Ec	426	70	Oct. 21, 1964	T, E 40	Irr	Slotted from 1,668 to 1,708 ft. Cemented from 1,668 ft to surface. Pump set at 147 ft. Reported yield of 1,024 gpm. Development test: Drawdown of 104 ft while pumping 2,021 gpm for 23 hours on Oct. 21, 1964. Temp. 102°F. <u>3</u>
	905	C. H. Hierholzer	1957	1,550	10 7	300 1,550	Ec	418	--	--	T, U 40	Irr	Slotted from 1,350 to 1,550 ft. Cemented from 1,350 ft to surface. Pump set at 130 ft. Reported yield of 900 gpm. Development test yielded 1,300 gpm.
	63-101	E. A. Flieller	1952	1,210	8 --	1,050 1,210	Ec	448	28 81.40	May 1952 Mar. 3, 1972	N	N	Well F-47 in Texas Board of Water Engineers Bulletin 5710. Screened from 1,050 to 1,210 ft. Observation well. <u>3</u>
	201	Charlie Fuller	1955	--	10 8	100 --	--	370	+ 23.3 + 18.5	Mar. 21, 1956 Feb. 23, 1963	Flows, T, G 100	Irr	Well F-75 in Texas Board of Water Engineers Bulletin 5710. Historical observation well.
	202	Tom Kotowski	1955	1,221	7 4	306 1,221	Ec	470	--	--	Sub, E	D	Slotted from 1,021 to 1,221 ft.
	203	Richard Ullman	1967	1,255	12	1,255	Ec	400	--	--	N	N	Slotted from 1,005 to 1,255 ft. Cemented from 941 ft to surface. <u>3</u>
	204	Tom Kotowski	1965	1,358	12 8	549 868	Ec	450	--	--	T, G 100	E, Irr	Cemented from 549 ft to surface. <u>3</u>
	207	Mrs. Charles Boening	1912	126	4	--	Es	471	48.40 43.70	Dec. 9, 1954 Mar. 3, 1972	G, W	D, S	Well F-33 in Texas Board of Water Engineers Bulletin 5710. Observation well. <u>3</u>
	302	B. W. Adams	1956	1,330	10 7	400 1,330	Ec	430	55.05 60.00	May 13, 1969 Mar. 3, 1972	T, G 90	D, S Irr	Perforated from 1,130 to 1,330 ft. Cemented from 1,130 ft to surface. Pump set at 112 ft. Observation well. <u>3</u>
	303	Gene Haveriah	1963	1,031	7	1,031	Ec	445	55	July 28, 1966	Sub, E 2	D, Irr	Development test: Drawdown of 22 ft while pumping 265 gpm for 13 hours on July 28, 1966.

See footnotes at end of table.

## WILSON COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* 2L-68-63-402	John B. Connally	Blount Drilling	1967	1,320	12 10	1,170 1,320	Ec	505	--	--	T, G 225	Irr	Slotted from 1,240 to 1,320 ft. Cemented from 1,170 ft to surface. Pump set at 220 ft. Reported yield of 1,800 gpm. Development test: Drawdown of 35 ft while pumping 2,105 gpm. Temp. 96°F.
603	Albert K. Casares	Ralph Patterson	1963	1,550	12	1,300	Ec	380	42	Sept. 18, 1963	T, E 75	S, Irr	Cemented from 1,300 ft to surface. Top of Carrizo Sand 1,300 ft. Reported yield of 1,300 gpm. Development test: Drawdown of 146 ft while pumping 1,222 gpm for 48 hours on Sept. 18, 1963. $\frac{y}{z}$
* 701	Bocning Brothers	Moy's Water Well Drilling	1965	1,920	12 8	800 1,920	Ec	462	111	June 14, 1965	T, G 95	Irr	Slotted from 1,720 to 1,920 ft. Cemented from 800 ft to surface. Pump set at 290 ft. Reported yield of 1,300 gpm. Development test: Drawdown of 79 ft while pumping 1,558 gpm for 42-1/2 hours on June 14, 1965. Temp. 101°F. $\frac{y}{z}$
702	Franklin Kasper	A. R. Thierry	1964	2,112	12 8	500 2,112	Ec	420	52	Mar. 23, 1964	T, G 200	Irr	Slotted from 1,712 to 2,112 ft. Cemented from 1,712 ft to surface. Pump set at 230 ft. Reported yield of 1,250 gpm. Development test: Drawdown of 90 ft while pumping 1,452 gpm for 37-1/2 hours on Apr. 23, 1964.
801	De Weas Farm	do	1946	2,225	--	--	Ec	436	--	--	T, G 90	S, Irr	--
* 802	Fay Rhodes	Ralph Patterson	1962	2,407	12 7 5	200 1,960 2,407	Ec	456	78.61 101.80	Jan. 29, 1964 Mar. 1, 1972	T, E 30	S, Irr	Slotted from 2,000 to 2,160 and 2,150 to 2,407 ft. Cemented from 200 ft to surface. Pump set at 180 ft. Reported yield of 352 gpm. Development test: Drawdown of 98 ft while pumping 460 gpm for 19 hours on Oct. 15, 1962. Temp. 113°F. Observation well. $\frac{y}{z}$
803	Three Oaks Water Supply Corp.	McKinley Drilling Co.	1971	2,208	8	2,184	Ec	431	151 95.54	June May 22, 1972	Sub, E	F	Slotted from 2,084 to 2,184 ft. Cemented from 2,056 ft to surface. Reported yield of 200 gpm. Development test: Drawdown of 64 ft while pumping 200 gpm for 24 hours. $\frac{y}{z}$
* 901	Clyde Fahrenold	H. J. Nessera	1952	2,400	10 7	-- 2,400	Ec	342	+ 64.4 + 14.5	Jan. 6, 1955 Feb. 23, 1965	Flows, Sub, E 7	Irr	Historical observation well.
902	Charles Warnken	J. E. Hillier	1955	2,508	10 8 6	240 -- 2,508	Ec	400	24.55	July 18, 1969	T, G 125	Irr	$\frac{y}{z}$
903	Prosper Labus	Moy's Water Well Drilling	1967	1,096	10 7	394 1,096	Egc	370	83	Nov. 20, 1967	T, G 75	Irr	Pump set at 200 ft. Development test: Drawdown of 147 ft while pumping 1,082 gpm for 48 hours on Nov. 20, 1967. $\frac{y}{z}$
64-102	G. R. Martin	H. and J. Drilling Co.	1967	1,252	10 7	400 1,252	Ec	459	82	Jan. 1967	T, G 125	Irr	Slotted from 1,052 to 1,252 ft. Cemented from 1,052 ft to surface. Pump set at 150 ft. Reported yield of 600 gpm. Development test: Drawdown of 77 ft while pumping 1,000 gpm for 23-1/2 hours on Jan. 23, 1967.
* 103	Jerome B. Fiedlitor, Jr.	Moy's Water Well Drilling	1966	1,230	12 8	550 1,230	Ec	474	71	Mar. 30, 1966	T, G 90	Irr	Slotted from 1,010 to 1,230 ft. Pump set at 140 ft. Reported yield of 900 gpm. Development test: Drawdown of 124 ft while pumping 1,826 gpm for 24 hours on Mar. 30, 1966. Temp. 102°F. $\frac{y}{z}$

See footnotes at end of table.

## WILSON COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* ZL-68-63-401	City of Poth	Layne-Texas Co.	1951	2,010	12 8	1,799 2,010	Ec	400	+ 10 33.05	June 9, 1954 Apr. 23, 1971	T, E 15	P	Well G-33 in Texas Board of Water Engineers' Bulletin 5710. Slotted from 1,802 to 1,948 ft and 1,959 to 2,004 ft. Cemented from 1,799 ft to surface. Pump set at 100 ft. Reported yield of 370 gpm. Development test: drawdown of 34 ft while pumping 523 gpm for 24 hours on July 17, 1951. Temp. 116°F. Observation well. <u>2</u> <u>3</u>
* 402	do	do	1936	2,032	7 4	1,779 2,031	Ec	403	+ 12.0	Sept. 1954	T, E 15	P	Well G-34 in Texas Board of Water Engineers' Bulletin 5710. Slotted from 1,779 to 2,031 ft. Cemented from 1,779 ft to surface. Reported flow of 390 gpm in 1936. Pump set at 100 ft. Reported yield of 350 gpm. Temp. 117°F. <u>2</u>
78-06-301	Roland Stout	Ormand and Boone	1944	675	7	675	Es	380	--	--	T, G 25	D, Irr	Slotted from 615 to 675 ft.
* 302	Earl Bryan	L. M. Wise	1953	2,022	10 7	93 2,022	Ec	415	+ 6 + 5.77	Jan. 29, 1964 Mar. 9, 1967	Flows, CF, E 20	S, Irr	Well J-3 in Texas Board of Water Engineers' Bulletin 5710. Historical observation well.
601	J. T. Harris	A. R. Tibstery	1954	2,440	7 4	250 2,440	Ec	375	--	--	T, E 30	Irr	Slotted from 2,300 to 2,440 ft.
602	do	do	1946	2,500	10 7	200 2,500	Ec	382	+ 28.3	Feb. 22, 1955	Flows	D, S Irr	Well J-5 in Texas Board of Water Engineers' Bulletin 5710. Slotted from 2,300 to 2,500 ft.
07-501	Edward Gene Casaree	H. and J. Drilling Co.	1955	3,400	8 7	400 3,400	Ec	390	5	July 17, 1963	T, E 25	D, Irr	Oil test converted to water well. Perforated from 2,900 to 3,400 ft. Cemented from 3,400 ft to surface. Development test: Drawdown of 95 ft while pumping 800 gpm for 13 hours on July 17, 1963.

\* For chemical analyses of water, see Table 4.

1 Drillers' log in files of the Texas Water Development Board.2 Mechanical logs in files of the Texas Water Development Board.3 For water-level measurements from observation wells, see Table 3.4 Well also appears in Texas Water Development Board Report 32, "Ground-Water Resources of Atascosa and Frio Counties, Texas," 1966.

# WILSON COUNTY

## Table 2.—Selected Oil, Gas, and Stratigraphic Tests

Type Log: D, Drillers'; E, Electric; R, Radioactive; S, Sample.  
Logs in Texas Water Development Board files

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
ZL-67-33-702	E. L. Fulton and J. S. Celaya	Carlos D. Browner	1965	1,500	583	E
41-103	Monsanto Co.	Fred W. Hartwick No. 1	1965	1,800	584	E
104	Weco Petroleum Co., Inc.	Richard Lee Hubbard No. 1	1965	1,600	603	E
105	do.	Richard Lee Hubbard No. 6	1965	1,650	612	E
106	E. L. and F. T. Brahoney	Roger Wright No. 1	1966	1,806	593	E
302	Sun Oil Co.	J. H. Bain, Jr. No.2	1955	4,625	543	E
303	do.	J. H. Bain, Jr. No. 1	1954	4,600	510	E
402	R. P. Holland	J. H. Imken, et al; No. 4	1959	1,892	523	E
403	The Young Co.	Jessie Allison No. 1	1965	2,393	453	E
404	H. & J. Drilling Co.	James T. Reddy No. 1	1965	2,310	487	E
504	do.	W. Earl Lynn No. 1	1964	2,730	534	E
505	do.	Sam Wiley No. 1	1966	2,445	522	E
602	Texas Southern Oil and Gas Co.	R. L. Rice No. 1	1954	2,876	481	E
603	Frio Production Co., et al.	E. E. Spear No. 2	1964	2,507	475	E
604	H. & J. Drilling Co.	— Holstein No. 1	1965	2,392	478	E
605	Sun Oil Co.	F. G. Wake No. 1	1965	2,500	477	E
703	Paul F. Danielson	John Richter No. 1	1956	1,701	440	E
704	The Young Co.	Craig Smith No. 1	1965	2,416	480	E
802	Eddy and Vaughn and McShane	J. S. Cone No. 1	1952	5,252	517	E
803	Patterson Drilling Co., et al.	W. W. Lorenz No. 1	1959	2,840	474	E
804	Skinner Corp.	— Whitten No. 1	1959	1,648	506	E
805	Rowan and Hope, Inc.	W. B. Hardin No. 1	1946	5,326	520	E
806	W. O. Fortenberry	E. B. Deason No. 1	1954	3,043	498	E
807	do.	— Beasley No. 1	1954	1,658	514	E
808	Sutton Drilling Co.	A. T. Hardin No. 1	1954	1,628	491	E
901	A. W. Phillips	J. P. Lorenz No. 1-A	1950	3,112	467	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Wilson County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
ZL-67-41-902	Frio Production Co.	E. S. Austin No. 1	1957	4,008	429	E
903	K. B. Absher	— Wiley No. 1	1965	5,428	484	E
42-102	Robert J. Hewitt	H. H. Weinert No. 2	1964	2,253	483	E
402	J. B. Blanchard Co.	H. O. Wiley No. 1	1954	1,688	498	E
403	L. H. and S. A. Olson Drilling Co.	— Davis No. 1	1956	3,098	480	E
49-104	B. and G. Well Service Co.	A. T. Hardin No. 1	1952	2,914	426	E
203	Sutton Drilling Co.	H. C. Stroud No. 1	1954	2,861	463	E
204	do.	H. C. Stroud No. 2	1954	1,622	469	E
801	Humble Oil and Refining Co.	Edmond Lyssy No. 1	1952	4,676	400	E
802	Sun Oil Co.	Leon Laskowski No. 1	1956	4,241	385	E
902	Diamond Half Oil Corp.	— Korzekwa No. 1	1942	4,651	381	E
50-202	H. H. Howell	H. H. Weinert No. 1	1953	4,708	356	E
301	Midwest Oil Corp.	J. C. Peebles No. 1	1953	4,639	334	E
401	Southern Minerals Corp.	Tom Manford No. 1	1953	4,606	391	E
501	H. H. Howell	G. N. Evans No. 1-A	1952	4,619	406	E
502	do.	H. H. Weinert No. 3-A	1953	4,826	386	E
601	Shell Oil Co.	C. M. Wells No. 1	1941	5,000	335	E
51-103	George H. Coates	T. C. Cobb No. 1	1956	4,891	341	E
57-202	F. B. Cochran, Jr.	Constant Jarzombek No. 1	1953	5,174	325	E
301	M. O. Turner	Mary Lyssy No. 1	1963	5,542	365	E
68-39-902	Hoxey Oil Co.	— Mitchum No. 1	1955	2,304	483	E
40-804	R. H. Norton	— Scull No. 1	1954	1,578	555	E
47-201	G. I. Reazor	— Haese No. 1	1958	2,116	561	E
402	Sun Oil Co.	Gus Dylla No. 1	1958	2,124	675	E
505	Waco Petroleum Co., inc.	Theodore Stanusch No. 1	1966	1,410	696	E
603	Richard F. Bailey	J. H. Walsh No. 1	1954	3,146	700	E
604	James M. Anderson, et al.	L. H. Stroud No. 1	1960	1,203	623	E
801	Caddo Oil Co.	— Gilliland No. 1	1966	1,578	573	E
48-106	Nueces Oil and Development Co.	— Wiseman No. 1	1954	1,420	474	E
203	Maple C. Hughes	— Scull No. 1	1953	1,527	461	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Wilson County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
ZL-68-48-204	Maple C. Hughes	Ed Mattke No. 2	1953	2,801	534	E
205	Gasoline Production Corp.	R. J. Huebinger No. 1	1953	1,763	500	E
206	Maple C. Hughes	C. E. Scull Estate No. 7	1954	3,064	440	E
207	do.	Scull Estate No. 1	1953	2,788	460	E
208	C. C. Winn	— Duelm No. A-2	1955	1,307	489	E
209	R. L. Turner	— Hilet No. 1	1955	1,872	510	E
504	W. R. Johnston, Trustee	Theodore Gerlick No. A-1	1955	1,292	440	E
609	L. H. and S. A. Olson Drilling Co.	— Linne No. 17	1955	1,450	505	E
610	Sun Oil Co.	Georgia Lucas No. 1	1965	1,726	573	E
611	Pierce and Davis 67 Limited	W. A. Childress No. 1	1967	1,800	535	E
704	Fred Nicholson, et al.	A. G. Mathews No. 1	1955	1,752	560	E
705	Atamo Royalty, Inc.	L. H. Mills No. 2	1966	1,682	506	E
808	Fenner and Koloya, et al.	— Tidwell No. 1	1952	2,660	451	E
809	Gasoline Production Corp. and Patterson Drilling Co.	Martin Vorpahl No. 1	1956	2,641	455	E
910	A. T. Slavid	James O. Bishop No. 1	1963	1,423	448	E
54-204	Jergins Oil Co.	A. C. Oefinger No. 1	1948	3,487	451	E
205	W. R. Quin, Mowinckle and Katz	do.	1948	3,250	465	E
303	J. E. Mowinckle	Franklin Plato No. 1	1947	3,414	505	E
304	A. W. Phillips	Tom Guajardo No. 1	1950	2,980	450	E
305	Sid Katz	P. D. Rodriguez No. 1	1954	3,511	409	E
306	W. R. Quin and Son	Emil V. Floch No. 1	1948	3,257	426	E
403	Riddle Oil Co.	Phil and John Shook No. 1	1963	3,589	450	E
404	Francis J. Hynes	Manuel B. Tarin No. 1	1952	3,580	460	E
504	Varn Petroleum Co.	Carlos Flores No. 1	1966	1,465	427	E
505	Texas Water Development Board	Texas Water Development Board No. 2-2	1970	336	422	D, S, E, R
605	H. & J. Drilling Co.	Howard Tom No. 1	1956	4,299	497	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Wilson County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
ZL-68-54-708	Hankamer Investment Co.	Travis E. Longley No. 1	1953	4,603	550	E
804	Gorman and DeLange, et al.	D. A. McKenzie No. 1	1952	5,209	527	E
55-105	J. S. Hillsman	Bruno R. Johns No. 1	1964	1,505	468	E
106	do.	Bruno R. Johns No. 2	1965	1,510	502	E
205	S. A. Olson	Ida Roemer No. B-5	1962	1,456	479	E
408	H. & J. Drilling Co.	Arnold Nitsche No. 1	1956	2,647	422	E
606	Pegg Brothers and Bode	Mike Lopez No. 1	1949	2,756	510	E
804	L. & N. Oil Co.	J. L. Dennis No. 1	1954	564	405	E
905	Texas Southern Oil and Gas Co.	Alvin Jung No. 2	1954	2,869	487	E
56-107	Ray McDonald and H. & J. Drilling Co.	S. R. Donaho No. 1	1955	2,182	518	E
203	Trio Oil Co.	— Ridout No. 1	1941	5,308	490	E
204	L. D. Ormsby	— Williamson No. 1	1944	5,072	483	E
311	R. P. Holland	Click and White No. 1	1962	4,820	381	E
406	Tom Schmitz	W. T. Donaho No. 1	1963	5,188	498	E
407	George Parker and Charles McCune	J. V. Blake No. 1	1950	2,881	489	E
504	Sunray Oil Corp., et al.	Ruth McCurdy Underhill No. 3	1950	2,763	468	E
505	Sunray Oil Corp.	F. P. Burton No. 2	1950	2,715	453	E
506	W. G. Darsey, Jr.	W. B. Whitehead No. 1	1949	2,744	475	E
507	Ralph E. Fair	— Teague No. 1	1963	7,487	463	E
601	S. M. Messer	J. H. Spruce No. 1	1949	3,247	458	E
602	Sutton Producing Co.	— Maryfield No. 1	1965	3,300	417	E
603	Ledge Petroleum Co., Inc.	Mrs. O. J. Weber, et al. No. 1	1965	3,325	429	E
604	W. B. Yarborough	Fannie C. Spruce No. 1	1966	3,200	480	E
903	C. Andrade, III	Phaddeus Kopecki No. 1	1947	6,354	426	E
62-504	M. L. Wise and O. W. Killam	Stanley Bench No. 1	1954	5,670	509	E
505	M. L. Wise, et al.	Kate Higgins No. 2	1951	6,004	435	E
606	Siznod Oil Corp.	Hal V. Warren No. 1	1953	6,164	462	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Wilson County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
ZL-68-63-102	Rowan and Hope and E. W. Gill	L. N. Mitchell No. 1	1962	5,738	476	E
103	M. L. Wise and O. W. Killam	— Watson No. 1	1953	5,417	387	E
205	Henshaw Brothers	Julius Ewing No. 1	1948	6,487	400	E
206	do.	Dr. H. C. Woods No. 1	1948	3,912	396	E
403	D. O. Wade	— Brundrech No. 1	1955	1,105	496	E
703	J. C. McCabe	Charlie F. Fuller No. 1	1953	1,830	399	E
64-104	C. C. Winn	— McCracken No. 1	1953	2,750	443	E
302	Sutton Drilling Co.	Joe Keller No. 1	1954	4,230	377	E
303	Wise Drilling Co.	— Kolodziej No. 1	1949	4,213	428	E
501	Frank J. Garvis, et al.	J. H. McDaniel No. 1	1949	5,200	367	E
901	Sullivan and Garnett	— Moczygomba No. 1	1944	3,820	373	E
78-07-502	The Superior Oil Co.	J. C. Merchant No. 1	1954	6,271	348	E
503	H. H. Howell and William t. Lee and Raymond M. Peeler, et al.	do.	1956	4,345	374	E
504	M. O. Turner and H. & J. Drilling Co.	E. G. Casares No. 1	1960	6,310	388	E
506	H. & J. Drilling Co.	D. W. Raabe No. 1	1964	5,565	374	E
704	O. G. McClain	S. V. Houston No. 1	1953	6,215	307	E
801	Morris Cannan	Baptist Foundation of Texas No. 1	1954	6,433	382	E
08-101	L. H. Armer, et al.	Ignatz Pawlik No. 1	1952	6,114	381	E
102	Mid-Continent Petroleum Corp. and W. C. McBride, Inc.	W. F. Gabrysch No. 1	1947	6,515	387	E
103	Henshaw Brothers	E. W. Schneider No. 1	1940	3,381	315	E
202	Luling Oil and Gas Co.	— Rutkowski No. 1	1948	6,105	349	E



# WILSON COUNTY

## Table 3.—Water Levels in Selected Wells

Water-level measurements, in feet, above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZL-67-41-102</b>		<b>Well ZL-67-41-102—Continued</b>		<b>Well ZL-67-41-102—Continued</b>	
Owner: Harold Lynn		June 12, 1968	172.25	Oct. 14, 1971	174.44
Jan. 27, 1964	168.84	July 8, 1968	172.29	Nov. 22, 1971	174.28
Mar. 25, 1964	168.79	Aug. 13, 1968	172.09	Dec. 16, 1971	174.42
May 20, 1964	169.13	Sept. 16, 1968	172.17	Jan. 17, 1972	174.57
July 27, 1964	169.19	Oct. 15, 1968	172.45	Feb. 24, 1972	174.20
Sept. 29, 1964	169.38	Nov. 18, 1968	171.63	Mar. 23, 1972	174.42
Nov. 16, 1964	156.95	Dec. 17, 1968	172.25	<b>Well ZL-67-41-401</b>	
Jan. 25, 1965	169.12	Jan. 22, 1969	169.89	Owner: C. Wiley	
Mar. 24, 1965	169.41	May 12, 1969	168.23	Mar. 7, 1969	123.80
May 17, 1965	169.69	July 21, 1969	169.51	Mar. 24, 1970	124.28
July 21, 1965	170.03	Sept. 24, 1969	172.97	Apr. 23, 1971	129.30
Sept. 20, 1965	170.15	Oct. 20, 1969	172.96	Mar. 1, 1972	125.46
Nov. 18, 1965	170.30	Nov. 18, 1969	173.04	<b>Well ZL-67-41-801</b>	
Jan. 24, 1966	170.18	Dec. 15, 1969	172.91	Owner: J. P. Lorenz	
Feb. 10, 1966	170.19	Jan. 22, 1970	172.99	Mar. 12, 1969	146.65
Mar. 18, 1966	170.54	Feb. 18, 1970	172.77	Mar. 25, 1970	148.64
Mar. 31, 1966	170.29	Mar. 23, 1970	172.95	Apr. 22, 1971	155.38
May 26, 1966	170.46	Apr. 22, 1970	172.85	Mar. 1, 1972	153.89
July 25, 1966	170.59	May 18, 1970	173.12	<b>Well ZL-67-42-401</b>	
Sept. 19, 1966	170.78	June 22, 1970	173.07	Owner: Union Valley Baptist Church	
Nov. 14, 1966	171.12	July 20, 1970	173.19	Nov. 22, 1954	19.50
Jan. 24, 1967	170.92	Aug. 19, 1970	173.30	Aug. 17, 1970	17.20
Mar. 6, 1967	171.04	Sept. 21, 1970	173.30	Apr. 16, 1971	18.27
May 22, 1967	171.30	Oct. 19, 1970	173.41	Mar. 1, 1972	17.33
July 17, 1967	172.07	Nov. 16, 1970	173.64	<b>Well ZL-67-42-801</b>	
Sept. 26, 1967	171.92	Dec. 21, 1970	173.30	Owner: Robert Harvey	
Nov. 13, 1967	172.27	Jan. 18, 1971	174.17	Apr. 7, 1970	+ 3.31
Nov. 14, 1967	172.05	Feb. 26, 1971	173.44	Mar. 30, 1972	+ 3.71
Dec. 13, 1967	170.96	Mar. 23, 1971	173.72	<b>Well ZL-67-49-201</b>	
Jan. 23, 1968	172.09	Apr. 20, 1971	173.86	Owner: City of Stockdale	
Jan. 27, 1968	172.35	May 18, 1971	177.20	Apr. 29, 1963	75
Feb. 26, 1968	172.30	June 15, 1971	174.39	July 28, 1965	79.75
Mar. 14, 1968	172.28	July 19, 1971	183.10		
Apr. 16, 1968	171.92	Aug. 23, 1971	174.47		
May 20, 1968	171.21	Sept. 27, 1971	175.31		

Table 3.—Water Levels in Selected Wells in Wilson County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZL-67-49-201—Continued</b>		<b>Well ZL-67-50-102—Continued</b>		<b>Well ZL-68-47-301—Continued</b>	
Feb. 10, 1966	78.69	Jan. 25, 1965	54.03	Dec. 13, 1955	73.17
Mar. 18, 1966	78.68	Feb. 10, 1966	57.95	Mar. 22, 1956	73.25
Apr. 29, 1968	83.18	Mar. 18, 1966	58.17	June 19, 1956	73.20
Feb. 18, 1969	85.15	Mar. 14, 1968	63.42	Sept. 13, 1956	73.42
Mar. 25, 1970	86.85	Mar. 25, 1969	58.87	Jan. 14, 1957	73.22
Apr. 22, 1971	88.85	Mar. 24, 1970	64.24	Apr. 8, 1957	73.81
Feb. 29, 1972	88.41	Apr. 27, 1971	70.40	July 16, 1957	73.63
		Feb. 29, 1972	62.81	Oct. 14, 1957	74.73
<b>Well ZL-67-49-202</b>		<b>Well ZL-67-50-103</b>		Jan. 27, 1958	73.42
Owner: City of Stockdale		Owner: Thomas Loessin		Apr. 23, 1958	73.39
Feb. 18, 1969	76.34	July 16, 1955	27.50	July 16, 1958	74.02
Aug. 17, 1970	80.92	Aug. 17, 1970	27.39	Oct. 15, 1958	74.06
Apr. 22, 1971	73.80	Apr. 22, 1971	29.20	Feb. 6, 1959	73.28
Feb. 29, 1972	83.30	Mar. 1, 1972	28.21	May 21, 1959	72.89
<b>Well ZL-67-50-101</b>		<b>Well ZL-67-57-101</b>		Aug. 13, 1959	73.19
Owner: —		Owner: Joe Keller		Nov. 23, 1959	72.95
Aug. 24, 1970	80.49	Jan. 7, 1955	53.00	Feb. 26, 1960	73.14
Apr. 16, 1971	83.00	Aug. 17, 1970	44.51	May 12, 1960	72.84
Mar. 1, 1972	83.05	Apr. 26, 1971	46.10	Aug. 11, 1960	72.68
<b>Well ZL-67-50-102</b>		Mar. 1, 1972	63.70	Nov. 15, 1960	72.66
Owner: Potas Ranch		<b>Well ZL-68-47-301</b>		May 19, 1961	72.91
July 16, 1955	35.0	Owner: Lena Schroeder		Feb. 12, 1963	73.20
Mar. 22, 1956	36.34	June 29, 1951	72.44	Jan. 23, 1964	71.27
June 19, 1956	37.24	Sept. 27, 1951	72.40	Jan. 26, 1965	72.12
Jan. 14, 1957	43.80	Feb. 27, 1952	78.25	Feb. 11, 1966	72.97
Oct. 14, 1957	41.02	June 23, 1952	72.71	Mar. 18, 1966	73.70
Jan. 27, 1958	40.69	Sept. 23, 1952	72.74	Mar. 6, 1967	71.81
Apr. 23, 1958	40.27	Apr. 20, 1953	73.04	Mar. 14, 1968	66.77
July 16, 1958	40.82	July 21, 1953	73.93	Mar. 25, 1969	72.23
Oct. 14, 1958	41.47	Nov. 6, 1953	72.62	Aug. 17, 1970	72.10
Feb. 6, 1959	41.17	Feb. 17, 1954	72.79	Apr. 27, 1971	72.15
Aug. 13, 1959	42.12	June 8, 1954	72.65	Feb. 29, 1972	71.71
Feb. 26, 1960	42.19	Sept. 16, 1954	73.28	<b>Well ZL-68-47-601</b>	
May 11, 1960	42.47	Dec. 6, 1954	73.3	Owner: Robert J. Thomas	
Aug. 12, 1960	43.17	Mar. 16, 1955	72.75	Jan. 23, 1964	202.55
Nov. 15, 1960	42.73	June 10, 1955	73.21	Jan. 25, 1965	206.21
Feb. 12, 1963	48.40	Sept. 22, 1955	72.78	Feb. 11, 1966	204.75
Jan. 23, 1964	67.50			Mar. 18, 1966	204.85

Table 3.—Water Levels in Selected Wells in Wilson County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZL-68-47-601—Continued</b>		<b>Well ZL-68-48-602</b>		<b>Well ZL-68-48-812—Continued</b>	
Mar. 6, 1967	205.38	Owner: Higgins Grass, Seed and Hay Farm		Jan. 17, 1972	30.77
May 28, 1968	206.08	Feb. 13, 1969	30.78	Feb. 24, 1972	30.62
Mar. 25, 1969	206.30	Mar. 24, 1970	30.97	Mar. 23, 1972	36.08
Jan. 12, 1970	205.47	Apr. 27, 1971	32.20	<b>Well ZL-68-48-907</b>	
Mar. 24, 1970	214.48	Feb. 29, 1972	31.68	Owner: Juan Flores	
Apr. 27, 1971	210.60	<b>Well ZL-68-48-601</b>		Feb. 19, 1969	97.55
Feb. 29, 1972	204.70	Owner: W. A. Childress		Mar. 24, 1970	100.28
<b>Well ZL-68-47-903</b>		Jan. 27, 1964	84.04	Apr. 26, 1971	105.80
Owner: Dittmar and Morrison		Jan. 25, 1965	84.95	Feb. 29, 1972	101.82
July 9, 1969	174.50	Mar. 18, 1966	85.08	<b>Well ZL-68-54-202</b>	
Jan. 13, 1970	171.86	Mar. 6, 1967	81.60	Owner: Texas Sand Co.	
Mar. 24, 1970	171.20	Mar. 14, 1968	86.22	Jan. 28, 1964	32.60
Feb. 29, 1972	173.80	Mar. 25, 1969	84.54	Jan. 26, 1965	28.64
<b>Well ZL-68-48-401</b>		Aug. 18, 1969	91.20	Feb. 10, 1966	31.64
Owner: Texas Water Development Board		Mar. 24, 1970	95.72	Mar. 18, 1966	24.74
Mar. 2, 1970	64.78	Feb. 29, 1972	93.38	Mar. 9, 1967	33.12
Apr. 22, 1970	65.04	<b>Well ZL-68-48-802</b>		Mar. 19, 1968	35.26
Dec. 21, 1970	65.82	Owner: Jack Newman		May 13, 1969	25.90
Jan. 18, 1971	64.77	1967 19		Mar. 26, 1970	30.58
Feb. 26, 1971	65.98	Feb. 11, 1969	11.06	Apr. 9, 1971	30.56
Mar. 23, 1971	65.28	Mar. 24, 1970	11.35	<b>Well ZL-68-54-301</b>	
Apr. 20, 1971	65.76	Feb. 29, 1972	13.32	Owner: C. A. Baird	
May 18, 1971	66.37	<b>Well ZL-68-48-812</b>		Mar. 26, 1969	101.70
June 15, 1971	65.67	Owner: Bill Deagan and Sons		Apr. 3, 1970	101.47
July 19, 1971	67.31	Feb. 20, 1970	33.11	Apr. 9, 1971	104.21
Aug. 23, 1971	67.14	Feb. 26, 1971	30.93	Mar. 3, 1972	98.22
Sept. 27, 1971	67.21	Mar. 23, 1971	31.63	<b>Well ZL-68-54-506</b>	
Oct. 14, 1971	67.15	Apr. 20, 1971	29.80	Owner: Texas Water Development Board	
Nov. 22, 1971	67.20	May 18, 1971	36.13	Jan. 20, 1971	29.85
Dec. 16, 1971	67.14	June 15, 1971	32.72	Feb. 26, 1971	28.44
Jan. 17, 1972	67.47	July 19, 1971	32.88	Mar. 23, 1971	25.63
Feb. 24, 1972	67.38	Aug. 23, 1971	32.02	Apr. 20, 1971	27.87
Mar. 23, 1972	69.92	Sept. 27, 1971	31.67	May 24, 1971	28.32
		Oct. 14, 1971	31.54	June 15, 1971	28.78
		Nov. 22, 1971	31.12	July 19, 1971	29.40
		Dec. 16, 1971	31.00		

**Table 3.—Water Levels in Selected Wells in Wilson County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZL-68-54-506—Continued</b>		<b>Well ZL-68-54-901—Continued</b>		<b>Well ZL-68-55-601—Continued</b>	
Aug. 23, 1971	29.99	Apr. 3, 1970	126.63	Mar. 18, 1966	109.54
Sept. 27, 1971	30.31	Mar. 3, 1972	126.97	Mar. 7, 1967	112.04
Oct. 14, 1971	30.25			Mar. 25, 1969	112.88
Nov. 22, 1971	30.17	<b>Well ZL-68-55-202</b>		Mar. 25, 1970	112.35
Dec. 16, 1971	30.12	Owner: O. C. Johns		Apr. 26, 1971	117.67
Jan. 17, 1972	29.93	May 14, 1969	107.92	Feb. 29, 1972	116.77
Feb. 24, 1972	29.78	Aug. 18, 1970	123.80		
Mar. 23, 1972	29.68	Sept. 21, 1970	110.92	<b>Well ZL-68-55-704</b>	
		Oct. 19, 1970	110.84	Owner: Merrill Connally	
		Nov. 16, 1970	110.60	May 19, 1969	27.33
<b>Well ZL-68-54-602</b>		Dec. 21, 1970	111.11	Mar. 23, 1970	29.15
Owner: Howard Tom		Jan. 18, 1971	110.62	Apr. 22, 1971	46.90
Jan. 28, 1964	133.85	Feb. 26, 1971	112.08	Mar. 3, 1972	27.90
Feb. 10, 1966	138.04	Mar. 23, 1971	111.68		
Mar. 18, 1966	137.78	Apr. 20, 1971	111.80	<b>Well ZL-68-55-705</b>	
Mar. 9, 1967	140.47	May 18, 1971	112.50	Owner: Ben Talamantez	
Mar. 14, 1968	141.61	June 15, 1971	120.13	Nov. 5, 1953	71.15
Mar. 26, 1969	140.93	July 19, 1971	114.06	Oct. 19, 1954	72.20
Jan. 12, 1970	141.01	Aug. 23, 1971	114.45	Aug. 21, 1970	67.76
Mar. 23, 1970	143.47	Sept. 27, 1971	113.16	Apr. 22, 1971	66.68
Apr. 9, 1971	156.99	Oct. 14, 1971	114.11	Mar. 3, 1972	66.23
Mar. 3, 1972	140.19	Nov. 22, 1971	117.68		
		Dec. 16, 1971	115.18	<b>Well ZL-68-55-805</b>	
<b>Well ZL-68-54-802</b>		Jan. 17, 1972	118.26	Owner: Oscar Mosmeyer	
Owner: Edmond J. Ford, Jr.		Feb. 24, 1972	112.99	Jan. 28, 1964	34.75
Feb. 9, 1970	188.26	Mar. 23, 1972	112.98	Jan. 26, 1965	38.22
Mar. 23, 1970	188.09			Feb. 10, 1966	36.55
Apr. 22, 1971	207.48	<b>Well ZL-68-55-407</b>		Mar. 18, 1966	36.14
Mar. 3, 1972	195.05	Owner: Rex Purchis		Mar. 14, 1968	40.08
		May 19, 1969	61.30	Mar. 26, 1969	38.52
<b>Well ZL-68-54-901</b>		Mar. 23, 1970	65.70	Mar. 23, 1970	38.83
Owner: John B. Connally		Apr. 22, 1971	76.89	Mar. 3, 1972	47.94
Apr. 3, 1955	107.5	Mar. 3, 1972	67.17		
Jan. 29, 1964	119.94			<b>Well ZL-68-55-903</b>	
Jan. 26, 1965	125.80	<b>Well ZL-68-55-601</b>		Owner: City of Floresville	
Feb. 10, 1966	126.94	Owner: George Zidek		May 2, 1969	12.40
Mar. 22, 1966	122.52	June 7, 1955	90.0	Mar. 26, 1970	13.20
Mar. 9, 1967	136.50	Jan. 28, 1964	106.88		
Mar. 13, 1968	122.82	Feb. 11, 1966	109.61		
Mar. 26, 1969	121.47				

Table 3.—Water Levels in Selected Wells in Wilson County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZL-68-56-101</b>		<b>Well ZL-68-56-401—Continued.</b>		<b>Well ZL-68-56-902—Continued</b>	
Owner: Scott R. Donaho		Nov. 23, 1959	163.80	Mar. 18, 1966	67.52
May 1955	78	Feb. 26, 1960	163.39	Mar. 31, 1966	67.31
Feb. 12, 1963	78.86	May 11, 1960	164.32	May 26, 1966	71.00
Jan. 27, 1964	80.03	Aug. 11, 1960	163.17	July 25, 1966	70.38
Jan. 25, 1965	81.77	Nov. 15, 1960	162.40	Sept. 19, 1966	71.11
Feb. 11, 1966	82.34	May 19, 1961	166.00	Nov. 14, 1966	70.13
Mar. 18, 1966	82.56	Feb. 12, 1963	164.90	Jan. 24, 1967	70.69
Mar. 14, 1968	85.51	Jan. 28, 1964	168.78	Mar. 7, 1967	70.64
Jan. 13, 1970	85.84	Jan. 26, 1965	188.92	May 22, 1967	76.23
Mar. 24, 1970	85.40	Feb. 11, 1966	173.30	July 17, 1967	82.74
Apr. 26, 1971	83.70	Mar. 18, 1966	176.75	Sept. 26, 1967	80.77
Mar. 30, 1972	89.97	Mar. 7, 1967	169.27	Oct. 26, 1967	75.30
<b>Well ZL-68-56-201</b>		Mar. 14, 1968	175.80	Nov. 13, 1967	77.31
Owner: Oscar Sanders		Jan. 13, 1970	171.61	Nov. 14, 1967	76.99
Mar. 25, 1970	30.60	Mar. 25, 1970	171.76	Dec. 13, 1967	75.40
Apr. 26, 1971	34.50	Apr. 26, 1971	187.83	Jan. 23, 1968	73.94
Mar. 1, 1972	33.36	Feb. 29, 1972	185.27	Jan. 27, 1968	74.16
<b>Well ZL-68-56-302</b>		<b>Well ZL-68-56-804</b>		Feb. 26, 1968	73.13
Owner: Willard Mills		Owner: O. D. Compton		Mar. 14, 1968	72.81
Jan. 23, 1964	27.97	Apr. 29, 1969	91.50	Apr. 16, 1968	72.08
Jan. 25, 1965	29.30	Aug. 17, 1970	98.10	May 20, 1968	74.27
Feb. 10, 1966	30.28	Apr. 26, 1971	109.50	June 12, 1968	71.43
Mar. 18, 1966	30.32	Mar. 1, 1972	97.23	July 8, 1968	71.95
Mar. 6, 1967	32.64	<b>Well ZL-68-56-901</b>		Aug. 13, 1968	73.67
Mar. 14, 1968	32.47	Owner: Philip Mutz		Sept. 16, 1968	70.57
Apr. 22, 1969	30.10	Dec. 3, 1954	52.90	Oct. 15, 1968	73.85
Mar. 24, 1970	32.35	Aug. 17, 1970	65.00	Nov. 18, 1968	73.61
Mar. 1, 1972	37.35	Apr. 26, 1971	49.25	Dec. 17, 1968	72.39
<b>Well ZL-68-56-401</b>		Mar. 1, 1972	50.92	Jan. 22, 1969	73.37
Owner: R. A. Collins		<b>Well ZL-68-56-902</b>		July 21, 1969	79.19
Dec. 1, 1954	154.2	Owner: Mrs. John Spruce		Sept. 24, 1969	76.47
Mar. 22, 1956	156.79	1957	52	Oct. 20, 1969	75.04
June 19, 1956	157.30	July 28, 1965	67.37	Nov. 18, 1969	74.32
Sept. 13, 1956	158.61	Sept. 20, 1965	67.86	Dec. 15, 1969	73.49
Jan. 14, 1957	158.93	Nov. 18, 1965	69.48	Jan. 22, 1970	72.90
Apr. 8, 1957	159.54	Jan. 24, 1966	68.42	Feb. 18, 1970	72.21
Aug. 13, 1959	159.88	Feb. 10, 1966	67.74	Mar. 23, 1970	71.87
				Apr. 22, 1970	71.61

Table 3.—Water Levels in Selected Wells in Wilson County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZL-68-56-902—Continued</b>		<b>Well ZL-68-62-205</b>		<b>Well ZL-68-62-902—Continued</b>	
May 18, 1970	72.50	Owner: John Henry Kelly		Jan. 29, 1964	49.95
June 22, 1970	72.65	Mar. 13, 1969	135.35	Jan. 27, 1965	55.34
July 20, 1970	76.30	Mar. 26, 1970	135.60	Nov. 23, 1965	55.45
Sept. 21, 1970	77.11	Apr. 22, 1971	161.12	Jan. 24, 1966	54.38
Oct. 19, 1970	75.77	Mar. 3, 1972	161.30	Mar. 18, 1966	52.00
Nov. 16, 1970	76.51	<b>Well ZL-68-62-503</b>		Mar. 31, 1966	47.78
Dec. 21, 1970	77.95	Owner: Vaughn Yeager		July 25, 1966	63.46
Jan. 18, 1971	77.40	May 28, 1969	91.20	Sept. 19, 1966	64.34
Feb. 26, 1971	78.08	Mar. 23, 1970	89.22	Jan. 23, 1967	60.69
May 18, 1971	84.27	Apr. 23, 1971	109.65	Mar. 7, 1967	67.45
June 15, 1971	88.40	Mar. 3, 1972	100.05	Sept. 26, 1967	84.62
Aug. 23, 1971	86.77	<b>Well ZL-68-62-607</b>		Oct. 26, 1967	75.30
Sept. 27, 1971	84.53	Owner: Griffin's Inn		Nov. 13, 1967	71.88
Oct. 14, 1971	83.00	Aug. 24, 1970	63.39	Nov. 14, 1967	71.70
Nov. 22, 1971	81.71	Apr. 23, 1971	59.13	Dec. 13, 1967	67.29
Dec. 16, 1971	79.59	Mar. 3, 1972	62.97	Jan. 23, 1968	63.82
Jan. 17, 1972	79.10	<b>Well ZL-68-62-902</b>		Jan. 27, 1968	62.60
Feb. 24, 1972	77.50	Owner: Boaning Brothers		Feb. 26, 1968	61.19
Mar. 23, 1972	77.65	May 26, 1955	30.8	Mar. 13, 1968	60.31
<b>Well ZL-68-62-102</b>		Mar. 21, 1956	37.43	Apr. 16, 1968	58.97
Owner: Joe D. Tackitt		June 20, 1956	46.36	May 20, 1968	61.12
Mar. 13, 1969	73.40	Sept. 14, 1956	47.54	July 8, 1968	64.09
Aug. 18, 1970	81.79	Jan. 15, 1957	42.98	Sept. 16, 1968	63.19
Mar. 3, 1972	78.90	Apr. 9, 1957	40.27	Nov. 18, 1968	60.26
<b>Well ZL-68-62-202</b>		July 15, 1957	42.28	Dec. 17, 1968	59.22
Owner: K. E. Popham		Oct. 15, 1957	43.95	Jan. 22, 1969	63.79
May 10, 1955	94.3	Jan. 27, 1958	35.90	July 21, 1969	64.89
Jan. 29, 1964	107.30	Apr. 22, 1958	35.64	Sept. 24, 1969	71.68
Jan. 27, 1965	113.42	July 17, 1958	39.42	Oct. 20, 1969	65.60
Feb. 10, 1966	111.80	Oct. 15, 1958	40.44	Nov. 18, 1969	62.88
Mar. 18, 1966	111.22	Feb. 5, 1959	36.20	Dec. 15, 1969	60.52
Mar. 13, 1968	114.21	Aug. 14, 1959	45.98	Jan. 22, 1970	58.51
Jan. 13, 1970	117.39	May 11, 1960	40.30	Feb. 18, 1970	56.62
Mar. 23, 1970	115.20	Aug. 12, 1960	43.87	Mar. 23, 1970	55.33
Mar. 3, 1972	123.75	Nov. 16, 1960	39.19	Apr. 22, 1970	55.74
		Feb. 12, 1963	47.10	May 18, 1970	60.83
				July 20, 1970	69.14

**Table 3.—Water Levels in Selected Wells in Wilson County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZL-68-62-902—Continued</b>		<b>Well ZL-68-63-207</b>		<b>Well ZL-68-63-802—Continued</b>	
Sept. 21, 1970	73.45	Owner: Mrs. Charles Boening		Apr. 23, 1971	111.48
Jan. 18, 1971	70.76	Dec. 9, 1954	48.40	Mar. 1, 1972	101.80
Feb. 26, 1971	79.47	Aug. 24, 1970	42.36		
June 15, 1971	111.70	Apr. 23, 1971	42.52	<b>Well ZL-68-64-401</b>	
Aug. 23, 1971	93.88	Mar. 3, 1972	43.70	Owner: City of Poth	
Sept. 27, 1971	85.64			June 9, 1954	+ 10
Oct. 14, 1971	80.79	<b>Well ZL-68-63-302</b>		Jan. 29, 1964	8.75
Nov. 22, 1971	77.31	Owner: B. W. Adams		Jan. 27, 1965	10.64
Dec. 16, 1971	72.37	May 13, 1969	55.05	Feb. 10, 1966	9.91
Jan. 17, 1972	70.99	Mar. 26, 1970	56.64	Mar. 18, 1966	9.87
		Mar. 3, 1972	60.00	Mar. 7, 1967	16.13
<b>Well ZL-68-63-101</b>		<b>Well ZL-68-63-802</b>		Apr. 29, 1968	16.39
Owner: E. A. Fiebler		Owner: Fay Rhodes		Feb. 13, 1969	17.32
May 1952	28	Jan. 29, 1964	78.61	May 2, 1969	12.27
Jan. 29, 1964	57.61	Jan. 28, 1965	78.28	Apr. 7, 1970	16.04
Jan. 27, 1965	66.96	Feb. 10, 1966	76.90	Apr. 23, 1971	33.05
Feb. 10, 1966	64.60	Mar. 18, 1966	75.34		
Mar. 18, 1966	63.88	Mar. 13, 1968	83.97		
Mar. 9, 1967	73.38	Mar. 26, 1969	80.18		
Mar. 23, 1970	71.50	May 14, 1969	79.05		
Apr. 23, 1971	74.18	Mar. 25, 1970	85.70		
Mar. 3, 1972	81.40				

WILSON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)  
 Water-bearing unit: Ka, Edwards and associated limestones; Ew1, Wilcox Group; Ec, Carrizo Sand; Er, Reklaw Formation; Egc, Queen City Sand; Ev, Neches Formation; Eb, Bigford Formation; Esp, El Pico Clay; Es, Sparta Sand;  
 El, Laredo Formation; Ecm, Cook Mountain Formation; Ey, Yegua Formation; Ej, Jackson Group; Mo, Catahoula Tuff; Ms, Osakville Sandstone; Kl, Lagarto Clay; Qc, corrasse gravel; Qal, alluvium.  
 Dissolved solids : The bicarbonate "reported" is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.  
 Analyses by Texas State Department of Health unless indicated by footnote.

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROHMOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
2/ 2L-67-41-101	Ec	140	June 20, 1955	26	--	3.2	1.3	* 15	--	14	9.5	17	--	0.0	--	79	13	109	6.5	70.7	1.77	0.00
102	Ec	272	Feb. 10, 1964	27	2.7	4	2	12	--	17	10	19	< 0.2	< .4	--	83	17	125	6.0	62.07	1.33	.00
301	Ec	600	July 14, 1969	34	--	9	3	22	7	5	20	47	< .1	< .4	--	145	37	229	5.6	51.3	1.59	.00
2/ 501	Ec	525	June 11, 1955	20	--	63	9.5	32	7.8	205	52	40	--	.0	0.11	325	196	551	7.6	25.2	.99	.00
701	Ec	765	Mar. 11, 1969	20	--	14	3	18	7	33	19	32	< .1	< .4	.1	130	47	212	6.4	41.1	1.14	.00
702	Ec	720	July 14, 1969	19	--	22	3	17	7	56	18	33	< .1	< .4	--	147	67	245	6.5	33.3	.93	.00
42-801	Ec	1,067	Mar. 12, 1969	16	--	38	7	58	7	217	30	30	.2	< .4	--	293	123	483	7.7	48.7	2.26	1.10
49-101	Egc	315	Apr. 20, 1963	11	.64	23	5	113	--	290	19	54	< .1	< .4	--	367	79	637	7.8	75.8	5.56	3.19
3/ 103	Ec	700	June 18, 1936	--	--	22	7	* 119	--	342	12	36	--	--	--	364	84	--	--	75.5	5.65	3.93
3/ 201	Ec	912	Apr. 20, 1963	--	--	--	--	--	--	320	--	--	--	--	--	--	--	--	--	--	--	--
3/ 201	Ec	912	Apr. 23, 1963	13	< .05	31	3	* 107	--	305	13	42	--	--	--	358	89	615	7.4	72.1	4.90	3.20
201	Ec	912	Feb. 18, 1969	13	.13	23	6	94	--	272	14	37	< .1	< .4	--	321	82	540	7.4	71.5	4.52	2.83
201	Ec	912	July 24, 1972	16	.22	28	6	96	< 1.0	281	18	42	.4	< .4	.2	344	96	555	7.3	68.6	4.26	2.69
202	Egc	460	Feb. 18, 1969	13	.56	38	17	173	10	228	211	114	.2	< .4	--	688	166	1,076	7.9	67.8	5.85	.43
301	Ec	1,012	July 14, 1969	13	--	16	3	75	5	206	24	22	.3	< .4	--	259	54	429	7.6	73.1	4.46	2.31
401	Ec	950	May 20, 1969	16	--	5	6	327	4	730	26	89	1.3	< .4	.8	831	36	1,320	8.1	94.5	23.67	11.24
50-103	Egc	263	Aug. 17, 1970	15	--	152	60	127	14	195	437	213	.3	< .4	--	1,114	630	1,640	7.6	30.1	2.21	.00
57-201	Ey	140	May 20, 1969	27	3.20	175	43	65	16	316	198	223	1.3	< .4	--	902	620	1,420	7.4	18.3	1.15	.00
3/ 68-46-901	Ew1	85	Feb. 28, 1936	--	--	25	10	* 45	--	73	34	42	--	--	--	192	106	--	--	48.6	1.93	.00
3/ 47-301	Ew1	119	Apr. 24, 1936	--	--	--	--	--	--	214	48	86	--	--	--	377	--	--	--	--	--	--
301	Ew1	119	Aug. 17, 1970	29	--	239	69	72	4	366	324	283	.7	< .4	--	1,200	880	1,800	7.1	15.0	1.05	.00
303	Ew1	525	Feb. 19, 1969	14	2.40	78	39	350	--	353	403	282	.6	< .4	--	1,339	358	2,120	7.6	68.0	8.03	.00
2/ 501	Ec	130	June 20, 1955	36	--	31	7.8	* 51	--	55	40	94	.4	.2	--	287	109	495	6.8	50.3	2.12	.00
502	Ew1	390	Mar. 6, 1969	21	--	96	29	94	11	390	120	88	.7	< .4	.4	650	359	1,045	7.4	35.4	2.15	.00
503	Ec, Ew1	716	July 8, 1969	27	--	73	26	87	7	329	102	72	.4	< .4	--	356	289	875	7.6	38.7	2.22	.00
602	Ec	457	July 9, 1969	34	--	16	2	19	5	40	16	32	< .1	< .4	--	144	49	214	6.8	42.5	1.17	.00
901	Ec	435	July 8, 1969	36	--	11	3	19	6	20	14	40	.2	< .4	--	139	40	210	6.1	47.2	1.34	.00
902	Ec	453	Mar. 4, 1969	34	--	30	3	19	6	92	16	30	.2	< .4	--	183	89	280	7.1	29.6	.86	.00
904	Ec	458	July 9, 1969	33	--	24	3	20	7	65	19	35	.4	< .4	--	173	74	265	6.7	2.0	.06	.00
908	Ec	438	July 8, 1969	31	--	18	2	13	5	54	10	23	.3	< .3	--	129	55	195	6.6	30.9	.74	.00
909	Ec	450	Aug. 18, 1969	33	--	10	1	14	5	21	13	25	.2	< .4	--	112	30	154	6.1	45.5	1.10	.00
4/ 48-102	Ew1	514	June 18, 1968	--	.86	52	28	284	--	370	268	197	.6	< .4	--	1,012	244	1,958	7.8	71.6	7.90	1.18
102	Ew1	514	Feb. 19, 1969	16	.40	48	31	283	--	366	294	192	.4	< .4	--	1,044	249	1,630	7.6	71.2	7.79	1.02
4/ 103	Ew1	525	June 27, 1968	--	.84	88	32	118	--	343	182	102	.4	< .4	--	691	353	1,352	7.5	42.2	2.74	.00

See footnotes at end of table.



WILSON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT RODIUM	SAR	RSC
2L-68-48-104	Ewi	310	May 22, 1969	30	--	84	48	83	7	382	128	98	0.3	< 0.4	--	666	406	1,055	7.6	30.3	1.79	0.80
201	Ewi	588	May 20, 1969	27	--	68	22	113	6	306	161	73	.5	< .4	0.6	620	261	964	7.6	47.8	3.04	.00
202	Ewi	634	July 11, 1969	21	--	41	37	132	7	334	165	79	.3	< .4	--	646	254	1,070	7.5	52.1	3.59	.40
503	Ec, Ewi	455	May 27, 1969	28	--	15	5	20	6	52	27	25	.6	< .4	< .1	152	58	231	6.7	39.6	1.13	.00
602	Ec	374	July 11, 1969	27	--	10	2	8	4	27	12	13	.2	< .4	--	90	32	122	6.4	32.7	.64	.00
602	Ec	374	July 24, 1972	25	--	45	2	9	< 1.0	122	14	16	.1	< 4.0	--	175	123	275	7.4	13.4	.34	.00
603	Ec	291	July 11, 1969	30	--	18	2	9	5	45	20	16	.2	< .4	--	122	54	170	6.6	24.1	.52	.00
607	Ec	304	Aug. 18, 1969	22	--	12	2	13	5	31	10	24	.2	< .4	--	104	38	163	6.4	38.9	.91	.00
701	Ec	435	July 10, 1969	25	--	18	2	15	5	44	14	27	.3	< .4	--	128	53	199	6.4	35.2	.88	.00
702	Ec	450	July 8, 1969	34	--	27	3	13	6	83	15	21	.3	< .4	--	160	80	240	6.9	24.6	.64	.00
803	Ec	283	Feb. 26, 1970	24	--	37	4	17	3	99	18	38	< .1	< .4	--	192	108	316	7.1	25.3	.73	.00
803	Ec	283	do	22	--	29	3	17	6	77	20	36	.2	< .4	--	171	88	280	6.9	28.3	.80	.00
803	Ec	283	do	21	--	28	3	17	7	72	19	37	.1	< .4	--	167	82	273	6.7	28.9	.81	.00
803	Ec	283	do	22	--	40	4	17	6	112	21	37	.2	< .4	--	202	117	331	7.8	23.2	.70	.00
803	Ec	283	Feb. 27, 1970	22	--	26	3	17	6	67	19	36	.1	< .4	--	162	79	267	6.8	30.4	.85	.00
803	Kc	283	do	22	--	26	3	17	6	66	18	37	.1	< .4	--	161	78	274	6.9	30.4	.85	.00
803	Ec	283	do	24	--	25	4	17	3	65	18	37	.1	< .4	--	160	79	264	6.6	31.5	.86	.00
803	Ec	283	Feb. 28, 1970	22	--	25	3	17	6	63	20	36	.1	< .4	--	160	77	263	6.8	30.9	.86	.00
804	Ec	355	July 8, 1969	29	--	16	3	21	7	28	16	45	.2	< .4	--	151	51	241	6.2	43.1	1.27	.00
805	Ec	655	do	17	--	6	2	267	4	610	28	62	1.0	< .4	--	685	22	1,091	8.0	95.6	24.75	9.58
806	Ec	250	May 28, 1969	16	0.04	3	1	203	3	442	44	39	.9	< .4	--	526	15	850	7.6	96.0	23.21	6.95
902	Ec	377	July 11, 1969	33	--	13	2	20	8	20	24	37	.3	< .4	--	147	42	220	6.1	45.8	1.35	.00
903	Ec	300	do	34	--	9	2	20	8	7	25	37	.2	< .4	--	139	29	204	5.8	53.3	1.65	.00
904	Ec	600	Aug. 18, 1969	26	--	10	15	15	7	17	25	27	.3	< .4	--	134	38	190	6.0	25.10	1.05	.00
906	Ec	540	July 8, 1969	17	--	17	6	218	6	520	22	68	.7	< .4	.5	609	68	985	7.6	86.3	11.52	7.22
53-901	Ec	780	July 15, 1969	21	--	17	3	19	6	37	22	33	.2	< .4	--	140	59	219	7.1	39.7	1.10	.00
902	Ec	754	do	21	--	11	3	18	6	23	21	32	.7	< .4	--	124	40	203	6.4	45.7	1.26	.00
54-202	Ewi	686	May 13, 1969	13	--	26	11	276	6	316	253	134	.7	< .4	--	874	110	1,370	7.3	83.7	11.46	2.99
203	Ewi	700	do	15	.16	27	6	298	5	283	312	142	.6	< .4	--	944	94	1,490	7.5	86.6	13.41	2.77
302	Ec	355	July 18, 1969	24	--	25	4	14	5	81	15	23	.3	< .4	--	150	79	240	7.2	26.7	.70	.00
302	Ec	355	July 21, 1972	24	--	32	4	14	< 1.0	99	14	24	.2	< .4	--	161	97	260	7.6	24.2	.63	.00
401	Ec	45	July 4, 1968	15	--	167	29	72	--	259	238	175	.3	< .4	--	823	540	1,300	7.8	22.5	1.35	.00
501	Ewi	720	Apr. 2, 1969	5	--	4	1	258	4	270	100	153	.4	< .4	--	658	13	1,167	9.1	96.9	31.12	4.96
601	Ec	53	Oct. 21, 1954	21	--	41	6.0	29	11	82	62	55	.1	1.8	.09	267	128	455	7.0	30.9	1.12	.00

See footnotes at end of table.

WILSON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	NITROGEN (N)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROHMS AT 25°C)	pH	PERCENT SODIUM	SAR	RSR
ZL-68-54-703	Ec	912	July 16, 1969	18	--	29	4	23	8	63	34	44	< 0.1	< 0.4	--	191	91	330	6.7	33.1	1.05	0.00
704	Ec	800	July 16, 1969	19	--	18	3	19	6	38	23	34	< .1	< .4	--	141	57	261	6.6	38.6	1.07	.00
706	Ec	750	do	20	--	13	4	20	6	24	25	36	< .1	< .4	0.1	136	48	222	6.3	43.7	1.24	.00
2/ 901	Ec	1,020	June 22, 1955	15	--	48	7.3	31	6.8	172	35	37	.1	.2	.07	285	150	463	7.5	29.9	1.10	.00
901	Ec	1,020	July 15, 1969	15	--	48	7	28	7	161	34	33	.4	< .4	--	251	150	434	7.5	27.7	1.00	.00
2/ 902	Eqc	152	Nov. 3, 1954	28	--	94	41	* 120	--	314	217	125	.7	.8	--	780	402	1,250	7.9	39.3	3.38	.00
903	Ec	1,017	July 16, 1969	16	--	30	4	20	7	70	31	34	.2	< .4	--	177	90	302	6.8	30.0	.90	.00
3/ 55-101	Ec	100	Feb. 14, 1936	--	--	20	8	* 23	--	91	18	26	--	--	--	140	81	--	--	37.6	1.10	.00
201	Ec	317	July 18, 1969	30	--	21	4	26	6	41	19	59	.2	< .4	--	185	72	312	6.6	41.8	1.34	.00
5/ 401	Ec	110	Feb. 13, 1936	--	--	30	13	* 38	--	153	32	36	--	--	--	224	127	--	--	39.1	1.46	.00
3/ 402	Ec	400	Feb. 14, 1936	--	--	24	8	* 76	--	281	20	40	--	--	--	306	141	--	--	64.0	3.43	2.75
2/ 404	Ec, Bv1	1,036	July 12, 1955	16	--	30	8.8	134	7.9	372	22	62	--	.2	.30	463	111	797	8.0	70.7	5.53	3.88
406	Ec	394	July 18, 1969	22	--	23	4	16	7	74	19	24	.3	< .4	--	152	73	247	7.1	30.0	.82	.00
603	Ec	618	July 10, 1969	15	--	45	16	121	9	384	55	60	.5	< .4	--	510	180	838	7.5	57.9	3.93	2.70
704	Ec	920	May 19, 1969	15	--	63	10	40	9	273	27	31	.5	< .4	.2	329	199	540	7.6	29.4	1.24	.50
705	Eqc	200	Aug. 21, 1970	34	--	135	30	65	6	305	119	171	.8	< .4	--	710	460	1,135	7.4	23.3	1.31	.00
801	Ec	966	July 11, 1969	16	--	52	15	58	10	292	35	37	.6	< .4	--	366	192	612	7.5	38.1	1.82	.94
802	Ec	720	July 18, 1969	16	--	45	13	83	10	303	47	42	.5	< .4	--	405	164	684	7.6	50.5	2.82	1.68
901	Ec	794	May 2, 1969	16	0.28	28	9	112	9	329	36	42	.5	< .4	--	414	108	684	7.5	67.1	4.69	3.25
901	Ec	794	July 21, 1972	17	--	25	24	319	8.0	455	68	311	.3	< .4	.5	1,000	161	1,580	7.5	80.2	10.95	4.25
902	Ec	960	May 2, 1969	16	.13	31	10	109	9	323	39	38	.5	< .4	--	411	118	661	7.5	64.7	4.37	2.94
903	Ec	1,400	do	17	.16	41	15	75	10	287	53	32	.4	< .4	--	384	167	625	7.8	47.5	2.52	1.36
56-202	Ec	531	Apr. 22, 1969	14	--	7	9	188	4	453	30	40	.9	< .4	--	514	52	840	7.8	87.7	11.32	6.38
307	Ec	814	Apr. 10, 1969	16	--	6	3	306	5	690	22	83	1.2	< .4	--	779	29	1,260	7.9	95.0	24.91	10.67
308	Ec	814	July 15, 1969	16	--	5	5	297	4	680	21	81	1.0	< .4	--	763	32	1,210	8.2	94.7	23.02	10.49
403	Ec	970	July 14, 1969	17	--	5	1	189	4	420	42	34	.7	< .4	--	498	19	792	7.9	94.5	18.86	6.50
502	Ec	1,044	July 10, 1969	17	--	6	1	206	4	475	37	36	.7	< .4	.4	540	18	877	7.8	95.2	21.42	7.43
2/ 801	Ec	1,121	June 22, 1955	16	--	4.9	2.5	* 254	--	582	18	96	.5	.2	.49	637	22	1,060	7.9	96.1	23.30	9.09
901	Ec	79	Aug. 17, 1970	59	--	55	15	75	5	70	44	170	.2	25	--	482	198	789	6.5	44.5	2.33	.00
62-101	Ec	1,355	Mar. 19, 1969	14	--	23	4	21	8	62	33	39	.2	< .4	--	163	76	279	6.9	34.4	1.03	.00
103	Ec	1,179	July 16, 1949	17	--	28	5	22	7	67	33	42	.2	< .4	--	187	94	330	6.8	32.1	1.00	.00
201	Eqc	390	May 13, 1969	14	8.00	145	33	78	13	290	246	129	.4	< .4	--	800	699	1,190	7.6	24.6	1.51	.00
2/ 202	Ec	1,104	June 22, 1955	15	--	38	6.1	24	7.4	126	34	33	.1	.2	.68	219	120	382	7.2	28.7	.95	.00
203	Ec	1,019	July 16, 1969	16	--	42	5	21	7	120	32	31	.3	< .4	--	213	125	365	7.5	25.4	.82	.00

See footnotes at end of table.

WILSON COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

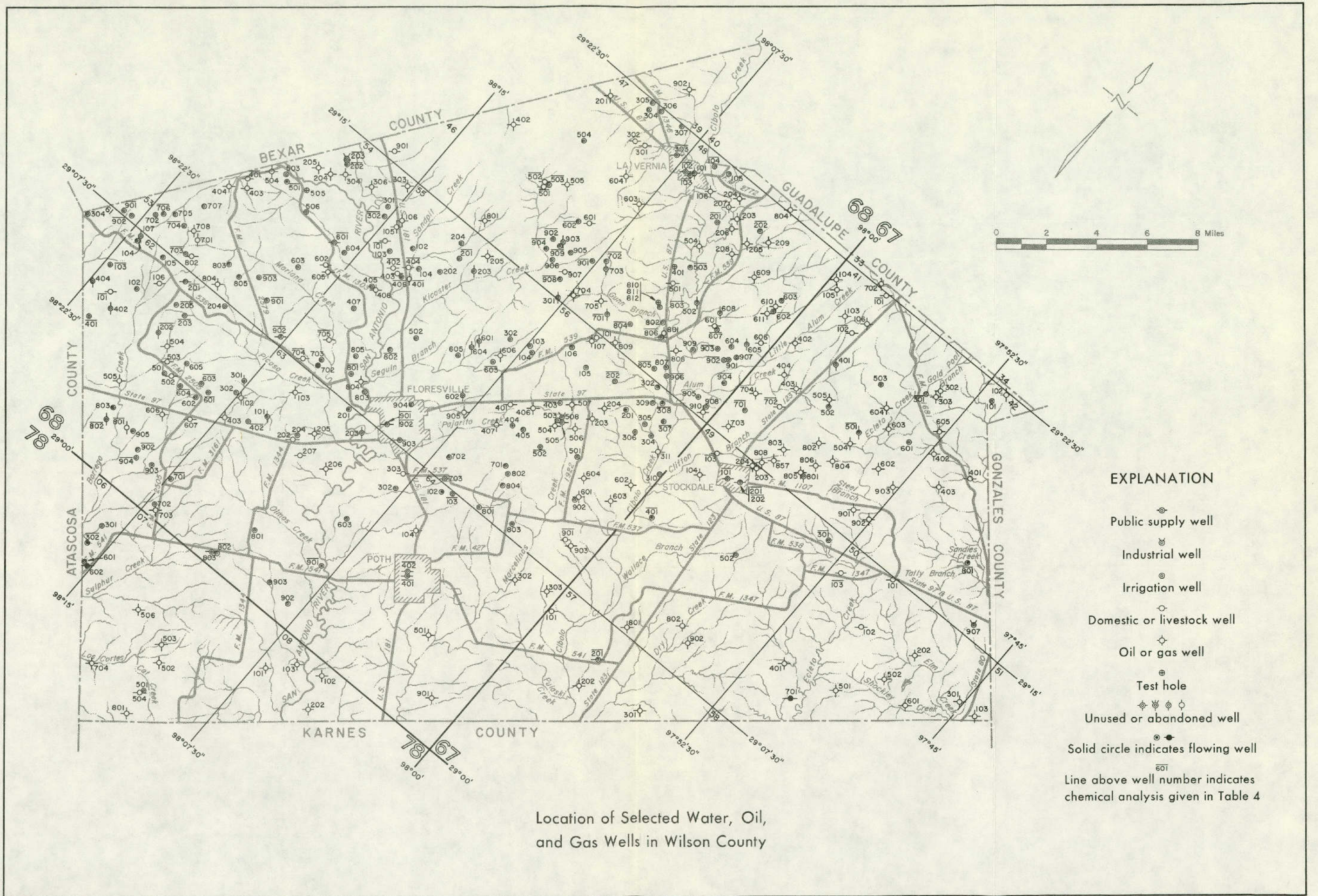
WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Pp)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOES AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
ZL-68-62-205	Ec	972	July 17, 1969	16	--	32	5	21	8	94	32	33	.3	< .4	--	193	104	336	7.1	28.8	.90	.00
401	Ec	1,020	Mar. 19, 1969	16	--	32	5	21	7	84	33	34	.2	< .4	--	190	99	318	7.0	29.4	.90	.00
601	Ec	1,349	July 17, 1969	16	--	77	7	31	6	238	40	37	.4	< .4	--	331	223	554	7.6	22.8	.91	.00
603	Ec	1,310	Mar. 20, 1969	32	--	69	21	87	10	178	120	130	.5	< .4	0.3	557	261	887	7.2	40.9	2.35	.00
604	Ec	1,410	July 17, 1969	16	--	70	8	32	6	227	38	38	.5	< .4	--	320	210	543	7.7	24.1	.95	.00
5/ 801	Es	150	Mar. 30, 1936	--	--	--	--	--	--	122	209	220	--	--	--	740	--	--	--	--	--	--
802	Ec	1,600	Apr. 3, 1969	14	--	73	11	30	7	260	37	33	.4	< .4	--	333	227	566	7.6	21.9	.88	.00
2/ 902	Ec	1,600	June 24, 1955	17	--	61	11	39	8.9	274	28	27	.4	.2	.15	326	197	561	7.7	28.96	1.21	.55
902	Ec	1,600	Apr. 2, 1969	17	--	65	10	39	10	272	30	27	.5	< .4	--	331	204	552	7.5	28.1	1.18	.39
904	Ec	1,708	July 17, 1969	17	--	59	9	41	8	278	25	26	.5	< .4	--	322	186	548	7.6	31.3	1.31	.84
63-402	Ec	1,320	May 28, 1969	15	--	63	11	36	8	271	29	27	1.3	< .4	--	322	204	545	7.6	26.6	1.09	.37
701	Ec	1,920	Apr. 2, 1969	18	--	56	16	50	10	294	36	36	.6	< .4	--	366	207	625	7.7	33.1	1.52	.68
802	Ec	2,407	Aug. 20, 1969	19	--	23	10	116	8	331	38	32	.5	< .4	.2	409	97	657	7.4	70.4	5.15	3.49
2/ 901	Ec	2,400	July 16, 1955	23	--	22	8.4	105	8.6	307	43	28	--	.2	.14	389	90	639	7.9	69.5	4.83	3.25
64-103	Ec	1,230	July 15, 1969	20	--	11	3	160	5	366	53	31	.4	< .4	--	463	41	732	7.8	88.0	10.84	5.18
2/ 401	Ec	2,010	Nov. 22, 1955	21	--	42	1.4	205	3.6	461	38	37	.5	.0	.30	574	16	857	7.7	79.4	8.47	5.34
401	Ec	2,010	May 2, 1969	22	0.04	4	8	199	3	472	35	36	.7	< .4	--	539	45	855	7.9	89.8	12.91	6.84
402	Ec	2,032	do	23	.04	4	4	172	4	375	56	30	.4	< .4	--	477	27	751	7.9	92.1	14.36	5.60
402	Ec	2,032	July 20, 1972	24	.04	5	3	174	< 1.0	371	95	30	.4	< .4	--	473	24	720	7.9	94.0	15.46	5.60
2/ 302	Ec	2,022	Oct. 1953	19	--	11	5.2	160	7.2	401	20	42	.5	.0	.22	461	49	756	8.2	85.7	9.94	5.60
302	Ec	2,022	Apr. 3, 1969	20	--	23	9	121	9	349	26	38	.5	< .4	--	417	94	686	7.5	71.5	5.44	3.85

\* Sodium and potassium calculated as sodium (Na).  
 1/ Includes the equivalent of any carbonate (CO<sub>3</sub>) present.

LABORATORY CONDUCTING ANALYSIS:  
 2/ U.S. Geological Survey Laboratory  
 3/ Layne-Texas Company, Houston, Texas  
 4/ Laboratory unknown  
 5/ University of Texas  
 6/ Texas Testing Laboratories











## ZAVALLA COUNTY

Table 1.--Records of Selected Water Wells

All wells are drilled unless otherwise noted in remarks column.  
 Water level : Reported water levels given in feet; measured water levels given to the nearest tenth or hundredth of a foot.  
 Method of lift and type of power: A, airlift; C, cylinder; CF, centrifugal; E, electric; G, gasoline, butane, or Diesel engine; H, hand; J, jet; N, none; Ng, natural gas; T, turbine; W, windmill. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock.  
 Water-bearing unit : Ks, Edwards and associated limestones; Eri, Wilcox Group; Ec, Carrizo Sand; Er, Rusk Formation; Eqs, Queen City Sand; Es, Washes Formation; Eb, Bigford Formation; Esp, El Pico Clay; Ea, Sparta Sand; El, Laredo Formation; Ecm, Cook Mountain Formation; Ey, Yegua Formation; Ej, Jackson Group; Mc, Catahoula Tuff; Mo, Oakville Sandstone; Ml, Lagarto Clay; Ql, Leona gravel; Qt, terrace gravel; Qal, alluvium.

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			FLOW SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* ZX-69-57-501	E. B. Flowers	--	--	100	5	--	Eri	797	83.1	Apr. 4, 1930	C, W	D, S	Well H7-3 in Texas Board of Water Engineers Bulletin 5203.
902	Hal Mangum	B. F. Kite	1911	155	10	155	Ec	775	99.8 90.86	Nov. 29, 1929 Aug. 25, 1959	C, W	D, S	Well H7-7 in Texas Board of Water Engineers Bulletin 5203. Historical observation well. <u>Y</u>
903	George Perkins	--	--	128	7	--	Ec	780	92.42 86.68	July 9, 1956 Mar. 9, 1972	C, W	S	Observation well. <u>Y</u>
58-401	N. B. Pulliam	--	1909	40	6	38	Ewi	780	34.30 32.20	Oct. 8, 1929 July 21, 1933	C, W	D, S	Well H7-2 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
* 601	A. W. West	--	--	120	5	--	Eri	894	78.90 78.50	Nov. 11, 1929 Mar. 31, 1932	C, W	S	Well H8-1 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
* 701	George Vickery	Cribbs and Davidson	1934	182	12	101	Ec	780	132.50 131.74	Oct. 4, 1954 Mar. 21, 1972	N	N	Well H7-23 in Texas Board of Water Engineers Bulletin 5203. Perforated from 101 to 168 ft. Open hole from 168 to 182 ft. Observation well. <u>Y</u>
* 702	O. V. Vickery	B. F. Kite	1926	130	6	130	Ec	765	72.85 73.98	Nov. 13, 1929 Sept. 29, 1960	C, W	D, S	Well H7-20 in Texas Board of Water Engineers Bulletin 5203. Historical observation well. <u>Y</u>
* 703	Roy Cornett	do	1912	172	10	172	Ec	788	119.45 160.04	Feb. 8, 1928 July 8, 1958	N	N	Well H7-13 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
* 704	George C. Tondra	J. E. and E. L. Kite	1946	232	10	232	Ec	785	158.70 161.32	Mar. 15, 1966 Mar. 4, 1970	T, Ng 150	Irr	Well H7-26 in Texas Board of Water Engineers Bulletin 5203. Slotted from 132 to 232 ft. Reported yield of 460 gpm. Temp. 78°F. Observation well. <u>Y</u>
705	Picket Cox	O. F. Webb	1946	270	10	180	Ec	776	--	--	T, G 125	S, Irr	Well H7-24 in Texas Board of Water Engineers Bulletin 5203.
706	D. J. Elrod	Cox and Davis	1929	190	8	190	Ec	790	111.4	Nov. 19, 1929	Sub, E	D	Well H7-14 in Texas Board of Water Engineers Bulletin 5203. Deepened from 133 to 190 ft.
707	do	J. E. and E. L. Kite	1948	244	12	200	Ec	790	146.00 157.32	Apr. 8, 1948 Mar. 9, 1972	T, E	D, Irr	Well H7-28 in Texas Board of Water Engineers Bulletin 5203. Perforated from 138 to 200 ft. Observation well. <u>Y</u>
708	-- Level	E. L. Kite	1952	191	10	191	Ec	786	--	--	T, G 100	S, Irr	Slotted from 142 to 191 ft. Pump set at 130 ft. <u>Y</u>
709	D. J. Elrod	J. E. and E. L. Kite	1952	203	10	203	Ec	788	--	--	T 100	N	Slotted from 139 to 203 ft. Unused irrigation well. <u>Y</u>
710	Clinton Bretzke	King Drilling Co.	1960	240	16	120	Ec	781	--	--	T, Ng 125	Irr	Slotted from 160 to 240 ft.
711	Paul Ehlers	E. L. Kite, Sr.	1948	195	10	152	Ec	785	130	Mar. 1, 1948	T, E 20	N	Unused irrigation well.
712	Aurby Tomerlin	-- Raney	1961	191	10	191	Ec	781	187.00	Mar. 11, 1969	T, Ng 125	Irr	Slotted from 143 to 191 ft. Development test yielded 500 gpm in 1961.
713	-- Campbell	J. E. and E. L. Kite	1943	191	12	191	Ec	787	127	1943	Sub, E	S	<u>Y</u>
715	Texas Water Development Board	Texas Water Development Board	1971	179	3	105	Ec	770	72.40 83.48	Apr. 2, 1971 Mar. 21, 1972	N	N	Slotted from 42 to 105 ft. Open hole from 105 to 179 ft. observation well. <u>Y</u>
716	Walker Brothers	J. E. and E. L. Kite	1946	203	10	203	Ec	745	151.00	Mar. 11, 1969	Sub, E	S	Well H8-70 in Texas Board of Water Engineers Bulletin 5203. Slotted from 98 to 203 ft. <u>Y</u>
* 801	do	E. L. Kite, Sr.	1943	84	6	84	Ec	750	61.9 59.40	Dec. 27, 1946 Mar. 9, 1972	Sub, E	D, S	Well H8-68 in Texas Board of Water Engineers Bulletin 5203. Observation well. <u>Y</u>

See footnotes at end of table.

## ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* ZX-69-58-802	Walker Brothers	E. L. Kite, Sr.	1947	203	12	203	Ec	762	78	June 27, 1947	T, Ng 150	D, Irr	Well H8-71 in Texas Board of Water Engineers Bulletin 5203. Slotted from 110 to 203 ft. Pump set at 200 ft. Reported yield of 1,021 gpm. Temp. 78°F. <u>1</u>
803	do	J. E. and E. L. Kite	1945	190	12	190	Ec	761	81.88	Feb. 20, 1968	T, Ng 100	Irr	Well H8-69 in Texas Board of Water Engineers Bulletin 5203. Perforated from 110 to 190 ft. Pump set at 180 ft. <u>1</u>
* 804	do	Spurgeon Drilling Co.	1963	220	12	220	Ec	762	96.46	Feb. 9, 1968	T, Ng 150	Irr	Perforated from 90 to 220 ft. Pump set at 200 ft. Reported yield of 1,269 gpm. Temp. 76°F.
805	O. V. Vickery	J. E. and E. L. Kite	1948	193	12	193	Ec	761	101.83	Feb. 8, 1968	T, Ng 50	Irr	Well H8-72 in Texas Board of Water Engineers Bulletin 5203. Slotted from 83 to 193 ft. Development east: Drawdown of 35 ft while pumping 1,100 gpm in 1948. <u>1</u>
806	do	E. L. Kite, Sr.	1950	192	16	191	Ec	761	101.07	Feb. 9, 1968	T, Ng 100	Irr	Development east yielded 1,800 gpm on Apr. 24, 1950. <u>1</u>
59-401	Robert Evans	Monroe Finley	--	310	8	--	Ec	820	94.98 94.21	Jan. 30, 1946 Mar. 21, 1972	C, W	S	Well H8-20 in Texas Board of Water Engineers Bulletin 5203. Observation well. <u>1</u>
* 402	A. W. West	do	1927	234	6	--	Ec	864	179.00 180.00	Oct. 29, 1929 Oct. 1, 1930	C, W	S	Well H8-17 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
501	J. R. Jackson	do	--	170	8	--	Ec	825	144.94 199.34	Jan. 24, 1946 Feb. 16, 1968	C, W	D, S	Well H8-22 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
502	T. F. Lee	--	--	--	8	--	Ec	825	144.94	Jan. 24, 1946	C, W	D	Historical observation well.
* 601	do	--	--	52	48	--	Ec	797	49.5 50.72	Nov. 4, 1929 Mar. 6, 1947	N	N	Do.
* 602	Mrs. Garland Hunter	Spurgeon Drilling Co.	1950	216	12	216	Ec	750	69	1950	T, Ng 125	Irr	Perforated from 160 to 240 ft. Pump set at 200 ft. Reported yield of 860 gpm. Temp. 74°F.
* 603	do	B. and L. Drilling Co.	1965	225	14	225	Ec	750	118.74	Mar. 14, 1968	T, Ng 135	Irr	Perforated from 150 to 225 ft. Pump set at 200 ft. Reported yield of 836 gpm. Temp. 74°F.
604	do	do	1965	190	14	190	Ec	750	103.47	Mar. 14, 1968	T, Ng 125	Irr	Perforated from 140 to 190 ft. Pump set at 180 ft.
* 605	do	Spurgeon Drilling Co.	1956	160	12	160	Ec	750	123.72	Mar. 14, 1968	T, Ng 150	Irr	Perforated from 130 to 160 ft. Pump set at 160 ft. Temp. 76°F.
* 606	do	B. and L. Drilling Co.	1956	96	16	96	Ec	775	--	--	T, G 125	Irr	Perforated from 56 to 96 ft. Pump set at 90 ft. Reported yield of 1,640 gpm. Temp. 76°F.
* 607	Maxine Lee	Spurgeon Drilling Co.	1954	100	16	100	Ec	775	43.42	Mar. 14, 1968	T, G 150	Irr	Perforated from 60 to 100 ft. Pump set at 90 ft. Reported yield of 1,691 gpm. Temp. 78°F.
801	W. S. Brown and Howard Collins	--	1952	350	12	350	Ec	825	--	--	T, Ng 125	Irr	--
802	do	Spurgeon Drilling Co.	1951	362	12	240	Ec	825	180	Apr. 14, 1951	T, Ng 125	Irr	Open hole from 240 to 362 ft.
803	Howard Collins	Howard Collins	1958	396	12	396	Ec	825	160.00	Apr. 1, 1950	T, Ng 125	Irr	--
804	do	do	1950	420	12	420	Ec	825	--	--	T, Ng	Irr	--
901	J. H. Newcomer	--	--	--	6	--	Q1	743	44.90 45.84 44.20	Jan. 16, 1946 Aug. 7, 1946 Mar. 4, 1947	C, H	D, S	Well H9-13 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.

See footnotes at end of table.



## ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
ZX-69-59-902	J. R. Newcomer	--	--	--	48	--	Q1	745	45.00 46.13 43.54	Jan. 16, 1946 Aug. 7, 1946 Mar. 4, 1947	N	N	Well H9-12 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
903	William A. Jones	--	--	50	10	--	Q1	743	43.38 37.38	Jan. 16, 1946 Dec. 18, 1962	C, W	D, S	Well H9-14 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
904	L. D. Hardin and Son	Felton Pritch	1957	437	12	437	Ec	730	197.56 196.34 235.60	Mar. 5, 1968 Mar. 10, 1970 Mar. 17, 1972	T, Ng 150	Irr	Perforated from 200 to 437 ft. Observation well. <u>y</u>
905	do.	do.	1951	457	12	200 457	Ec	740	--	--	T, Ng 150	Irr	Pump set at 200 ft.
* 906	do	--	--	460	--	--	Ec	740	--	--	T, Ng 150	Irr	Reported yield of 963 gpm. Temp. 76°F.
907	do	--	--	--	--	--	Ec	740	--	--	T, E 30	Irr	--
908	H. E. L. Toombs	Spurgeon Drilling Co.	1964	397	14	397	Ec	735	--	--	T, Ng, G 150	N	Unused livestock and irrigation well. Pump set at 350 ft.
909	do.	--	--	--	--	--	Ec	730	198.48	Mar. 6, 1968	T, Ng 150	Irr	--
* 910	do	Spurgeon Drilling Co.	1950	274	12	274	Ec	730	--	--	T, Ng, G 150	Irr	Reported yield of 1,061 gpm. Temp. 74°F.
* 911	do	do	1950	272	12	272	Ec	725	--	--	T, Ng 150	Irr	Reported yield of 849 gpm. Temp. 75°F.
* 912	Mrs. Garland Hunter	do	1950	250	12	250	Ec	725	146.65 140.88 83.46	Mar. 14, 1968 Mar. 10, 1970 Mar. 21, 1972	T, Ng 150	Irr	Perforated from 170 to 250 ft. Pump set at 200 ft. Reported yield of 620 gpm. Temp. 75°F. Observation well. <u>y</u>
* 60-201	E. D. Kincaid	--	--	--	6	--	Ec	850	197.39 201.54 201.89	Apr. 16, 1970 Apr. 1, 1971 Mar. 13, 1972	Sub, E	D, S	Temp. 76°F. Observation well. <u>y</u>
401	T. P. Lee	--	--	57	8	--	Eb	772	50.54	Jan. 28, 1946	C, W	D, S	Well H9-8 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
* 501	Kincaid Brothers	--	1904	250	6	--	Ec	800	186.2 188.80	Nov. 5, 1929 May 13, 1931	C, W	S	Well H9-2 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
601	do	Monroe Finley	1929	204	6	--	Ec	750	160.5 189.20	Nov. 5, 1929 Feb. 24, 1965	C, W	S	Well H9-3 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
701	-- Baxter	--	1929	45	48	--	Q1	753	42.00 49.90	Nov. 12, 1929 Oct. 1, 1930	H	D	Well H9-4 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
702	Clay Sherrer	--	--	43	6	--	Q1	741	37.20 34.55	Jan. 16, 1946 Mar. 5, 1947	C, W	D, S	Well H9-15 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
703	T. T. Nelson	--	1943	48	6	--	Q1	741	42.97 39.79	Jan. 16, 1946 Mar. 4, 1947	N	N	Well H9-16 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
704	L. D. Hardie and Son	--	--	--	--	--	Ec	745	--	--	T, Ng 125	N	Unused livestock and irrigation well.
705	H. E. L. Toombs	Spurgeon Drilling Co.	1952	276	12	276	Ec	760	--	--	T, Ng, G 125	S, Irr	--

See footnotes at end of table.

TAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* ZX-69-60-901	Roy Capp	E. H. Cannon Drilling Co.	1949	900	12	900	Ec	825	--	--	T, E 100	Irr	Pump set at 340 ft. Reported yield of 881 gpm. Temp. 80°F.
* 902	do	do	1949	--	12	--	Ec	825	--	--	T, G 150	Irr	Pump set at 330 ft. Temp. 80°F.
* 903	do	do	1951	520	12	520	Ec	740	--	--	T, E 100	Irr	Slotted from 342 to 520 ft. Reported yield of 907 gpm. Temp. 84°F.
61-502	Herbert Dirksen	do	1946	260	16	260	Ec	750	88 189.62	Mar. 13, 1964	T, E	Irr	Slotted from 180 to 260 ft. Observation well. <u>3</u>
508	do	-- Cowden	1946	250	12	160	Ec	760	--	--	T, E 75	Irr	Open hole from 160 to 250 ft. Pump set at 210 ft.
* 509	do	do	1952	250	14	160	Ec	760	--	--	T, E 75	Irr	Reported yield of 907 gpm. Temp. 76°F.
* 510	do	do	1946	250	12	160	Ec	755	--	--	T, E 50	Irr	Open hole from 160 to 250 ft. Pump set at 240 ft. Reported yield of 630 gpm. Temp. 70°F.
* 513	do	--	1952	250	12	160	Ec	760	111.66 116.16 112.26	Aug. 19, 1952 Nov. 12, 1953 Oct. 12, 1954	T, E 75	Irr	Open hole from 160 to 250 ft. Pump set at 250 ft. Reported yield of 586 gpm. Temp. 76°F. Historical observation well.
* 514	do	-- Cowden	1952	250	12	160	Ec	765	98.20 124.04	do. Feb. 25, 1957	T, E 75	Irr	Open hole from 160 to 250 ft. Pump set at 240 ft. Reported yield of 632 gpm. Temp. 76°F. Historical observation well. <u>2</u>
515	N. V. Tiller	E. H. Cannon Drilling Co.	1956	237	12	237	Ec	740	--	--	T, G 100	Irr	Slotted from 147 to 237 ft.
516	do	do	1966	265	12	265	Ec	752	--	--	T, G 100	Irr	Pump set at 240 ft. Reported yield of 1,400 gpm.
517	E. D. Kincaid	Spergeon Drilling Co.	1962	317	14	317	Ec	775	145 186.57	Aug. 5, 1962 Mar. 13, 1972	T, E 75	Irr	Perforated from 152 to 317 ft. Cemented from 317 ft to surface. Observation well. <u>1</u> <u>3</u>
518	do	do	1962	313	14	313	Ec	775	140	Aug. 14, 1962	T, E 100	Irr	Perforated from 153 to 313 ft. Cemented from 313 ft to surface. <u>1</u>
519	do	do	1962	314	14	314	Ec	770	141	Aug. 23, 1962	T, E 100	Irr	Cemented from 314 ft to surface. <u>1</u>
520	do	do	1962	258	14	258	Ec	770	140	1962	T, E 100	Irr	Perforated from 133 to 258 ft. Cemented from 258 ft to surface. <u>1</u>
521	do	do	1964	390	10	390	Ec	790	--	--	T, E 75	S, Irr	Cemented from 390 ft to surface.
522	do	do	1964	360	10	360	Mc	750	--	--	T, E 60	S, Irr	Cemented from 360 ft to surface.
523	do	do	1965	330	12	330	Ec	775	175.56	Nov. 25, 1968	T, E 100	Irr	Cemented from 330 ft to surface.
524	Chester H. Gosnell	J. L. Mc Farlin	1965	612	14 12	540 612	Ec, Wt	775	--	--	T 90	N	Slotted from 100 to 612 ft. Unused irrigation well. <u>1</u>
525	Texas Water Development Board	Texas Water Development Board	1971	283	3	252	Ec, Wt	675	184.64 180.43	Apr. 20, 1971 Mar. 23, 1972	N	N	Slotted from 168 to 252 ft. Open hole from 252 to 283 ft. Observation well. <u>1</u> <u>2</u> <u>3</u>
602	N. V. Tiller	E. H. Cannon Drilling Co.	1962	263	16	263	Ec	725	--	--	T, E 100	Irr	Slotted from 159 to 263 ft. Pump set at 230 ft.

See footnotes at end of table.

## ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
ZX-69-61-801	Charlie Johnson	E. H. Cannon Drilling Co.	1956	340	12	340	Ec	725	138.75 132.38	Feb. 25, 1957 Jan. 16, 1958	T, E	Irr	Slotted from 240 to 340 ft. Pump set at 260 ft. Reported yield of 900 gpm. Historical observation well.
802	Gus Storey	do.	1948	485	12	385	Ec	775	154.92 221.70	Aug. 19, 1952 Mar. 29, 1968	T, E	D, S Irr	Open hole from 385 to 485 ft. Pump set at 240 ft. Historical observation well.
806	Grady Hogue	--	1954	350	12	--	Ec	750	--	--	T, C 75	Irr	Pump set at 220 ft.
807	do	--	1954	450	12	--	Ec	770	--	--	N	N	Abandoned.
811	do	Bill Benson	1953	550	12 10	400 --	Ec	765	--	--	T, E 50	D, Irr	Open hole from 400 to 550 ft. Pump set at 220 ft.
812	do	do	1953	550	12	400	Ec	765	--	--	T, C 100	Irr	Open hole from 400 to 550 ft. Pump set at 220 ft. Reported yield of 1,000 gpm.
813	do	E. H. Cannon Drilling Co.	1957	550	12 10	-- --	Ec	778	--	--	T, E 60	N	Unused irrigation well. Pump set at 320 ft.
814	do.	Bill Benson	1953	550	12 10	400 --	Ec	775	--	--	T, E	Irr	Open hole from 400 to 550 ft. Pump set at 320 ft. Reported yield of 800 gpm.
815	Herman Watson	-- Wench	1956	345	12	245	Ec	740	194.85	Mar. 27, 1968	T, C	Irr	Open hole from 245 to 345 ft. Pump set at 230 ft. Reported yield of 1,000 gpm.
816	do	E. H. Cannon Drilling Co.	1958	480	12	480	Ec	775	--	--	T, E 75	Irr	Slotted from 240 to 480 ft. Pump set at 240 ft.
817	do.	--	1965	425	14	425	Ec	775	--	--	T, G 40	Irr	Slotted from 358 to 425 ft. Pump set at 230 ft. 1/
818	do	Herman Watson	1964	321	14	321	Ec	750	--	--	T, G	Irr	Pump set at 230 ft. Reported yield of 900 gpm.
912	Charlie Johnson	J. W. Hickerson	1961	340	16	340	Ec	705	130 210.65	Mar. 27, 1968	T, G 130	Irr	Slotted from 240 to 340 ft. Pump set at 260 ft.
913	N. V. Tiller	E. H. Cannon Drilling Co.	1967	275	16	275	Ec	740	203.44	Mar. 28, 1968	T, G	Irr	Pump set at 240 ft. Reported yield of 1,200 gpm.
* 76-08-406	Chaparrosa Ranch	--	1968	102	8	102	Ec	710	64.25	Mar. 23, 1970	Sub, E 1	S	Perforated from 65 to 102 ft. Cemented from 65 ft. to surface. Reported yield of 15 gpm. Temp. 76°F. 1/
501	Hope and Perkins	Davis and Cox	1928	123	10	80	Ec	670	41.47 43.26	Feb. 12, 1930 Aug. 26, 1938	--	--	Historical observation well.
502	Hal Mangum	--	--	150	6	--	Ec	755	96.70 99.15	Jan. 25, 1930 Aug. 21, 1952	C, W	S	Do.
* 503	Chaparrosa Ranch	--	--	150	6	--	Ec	740	75.85 123.66	Mar. 15, 1966 Mar. 9, 1972	C, W	S	Temp. 74°F. Observation well. 3/
701	Goffield and Pickens	Elmo Owens	1935	112	12	20	Ec	685	--	--	T, E 20	Irr	Open hole from 20 to 112 ft.
702	do	do	1935	108	12	20	Ec	680	14	May 1935	T, E 20	Irr	Open hole from 20 to 108 ft. Temp. 76°F.
* 703	Hal Jessee	E. L. Kite, Sr.	1953	215	12	57	Ec, Ewt	670	28	1953	T, E 25	S, Irr	Open hole from 57 to 215 ft. Reported yield of 710 gpm. Temp. 80°F. 1/
16-101	Dennis Clark	Cribbs and Davidson	--	--	--	--	--	590	--	--	T, Ng 40	D, Irr	--

See footnotes at end of table.

## ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
2K-76-16-801	King Ware	Elmo Owens	1928	335	--	--	Ec	656	67.50 58.87	Jan. 17, 1930 July 23, 1945	C, W	S	Well M6-9 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
* 802	W. M. Van Cleave	Harry Bowers	1914	150	5	96	Ec	651	70.15 123.0	Jan. 21, 1930 Sept. 20, 1956	C, W	D, S	Well M6-10 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
803	do	--	--	--	--	--	--	670	124.62 127.75	Sept. 20, 1956 July 29, 1957	--	--	Historical observation well.
902	W. W. Langley	I. C. Cribba	1959	638	12	638	Ec	625	--	--	T, E 100	N	unused irrigation well. <u>2</u>
904	Harold Johnson	J. W. Hickerson	1964	417	12	417	Ec	586	--	--	T, Ng 150	Irr	Perforated from 122 to 137 ft. Slotted from 110 to 417 ft. Pump set at 300 ft.
905	do	R. B. Owens	1961	335	12	335	Ec	586	184.6	Feb. 27, 1968	T, Ng 150	Irr	Slotted from 260 to 335 ft. Pump set at 300 ft.
24-201	J. W. Stuart	--	--	300	6	300	Ec	620	61.40 144.99	July 23, 1947 Mar. 8, 1972	C, W	D	Observation well. <u>3</u>
202	do	Will Clark	--	300	5	--	Ec	627	43.90 52.60	Jan. 17, 1930 July 8, 1958	C, W	D, S	Well M6-16 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
203	N. E. Ware	Charley Lindenborn	1904	530	5	--	Ec, Ewi	613	35.80 78.55	Jan. 17, 1930 July 8, 1958	C, W	D, S	Well M6-18 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
204	do	--	--	--	--	--	--	590	66.60 111.44	Sept. 16, 1948 July 8, 1958	--	--	Historical observation well.
205	Howard Willman	--	--	--	--	--	Ec	600	152.7	Mar. 21, 1968	T, E 30	S, Irr	--
501	L. D. Van Cleave	--	--	--	--	--	--	625	96.82 149.39	Sept. 10, 1953 Feb. 14, 1962	--	--	Historical observation well.
502	do	Ive White	1905	180	5	100	Ec	633	49.15 102.64	Jan. 17, 1930 July 8, 1958	C, W	D, S	Well M6-19 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
503	N. J. Chittim	--	--	--	7	--	Ec	625	110.44 118.95 113.68	Apr. 8, 1970 Apr. 2, 1971 Mar. 15, 1972	C, W	D, S	Observation well. <u>3</u>
* 601	T. B. Near	Charley Lindenborn	1904	335	6	60	Ec	633	45.20 121.76	Feb. 6, 1928 Sept. 12, 1951	C, W	D, S	Well M9-1 in Texas Board of Water Engineers Bulletin 5203. Temp. 80°F. Historical observation well.
602	Wallace Martin	R. B. Owens	1960	465	12	283	Ec	570	185.4	Mar. 26, 1968	N	N	--
* 603	W. E. Knickerbocker	--	1964	425	12 10	403 425	Ec	565	--	--	T, E 75	Irr	Slotted from 375 to 425 ft. Cemented from 37 ft to surface. Reported yield of 849 gpm. Temp. 85°F. <u>2</u>
* 604	do	--	--	--	--	--	Ec	565	191.23	Feb. 7, 1968	T, E 50	Irr	Reported yield of 466 gpm. Temp. 85°F.
605	Wallace Martin	Wallace Martin	1952	510	12 10	-- --	Ec	570	--	--	T, E 100	S, Irr	--
606	do	do	1952	510	12 10	-- --	Ec	570	208.2	Mar. 26, 1968	T, E 50	Irr	--
* 607	W. E. Knickerbocker	--	--	--	--	--	Ec	565	--	--	T, E 40	Irr	Reported yield of 465 gpm. Temp. 85°F.

See footnotes at end of table.

## ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LYFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
2X-76-24-608	Martin Gary	--	--	--	--	--	Ec	565	155.2	Mar. 22, 1968	T, G 100	S, Irr	--
609	do	--	--	--	--	--	Ec	565	--	--	T, G 100	S, Irr	--
610	-- Rossington	D. F. Webb	1963	950	--	950	Ec	600	187.09	Feb. 7, 1968	T, E 50	Irr	--
611	do	--	1905	450	8	--	Ec	600	17.5 57.19	June 18, 1930 Feb. 7, 1968	N	N	Well N4-38 in Texas Board of Water Engineers Bulletin 5203.
* 612	W. E. Knickerbocker	--	--	--	--	--	Ec	565	--	--	T, E 75	S, Irr	Reported yield of 411 gpm. Temp. 85°F.
901	Pablo Sanchez	--	1926	100	6	20	Ec	665	78.0 95.95	Feb. 4, 1930 Mar. 16, 1972	C, W	S	Well N9-5 in Texas Board of Water Engineers Bulletin 5203. Open hole from 20 to 100 ft. Observation well. <u>3</u>
902	Fred Erskine	John Mc Farland	1907	432	8	219	Ec, Ewi	610	146.40 160.72	Oct. 6, 1954 July 8, 1958	T, G	N	Well N9-3 in Texas Board of Water Engineers Bulletin 5203 and Water Supply Paper 1481. Unused irrigation well. Historical observation well. <u>1</u>
904	Joe Laird	do	1906	580	8 7	200 260	Ec, Ewi	570	186.2	Mar. 7, 1968	T, E 40	Irr	Well N7-1 in Texas Board of Water Engineers Bulletin 5203.
906	Texas Water Development Board	Texas Water Development Board	1971	438	3	421	Eh, Ec	620	24.28 24.48	July 22, 1971 Mar. 22, 1972	N	N	Slotted from 253 to 421 ft. Open hole from 421 to 438 ft. Observation well. <u>1</u> <u>2</u> <u>3</u>
* 77-01-101	Chaparrosa Ranch	--	--	150	8	--	Ec	761	66.4 110.63	Mar. 15, 1930 Mar. 9, 1972	C, W	S	Well N1-14 in Texas Board of Water Engineers Bulletin 5203. Temp. 78°F. Observation well. <u>3</u>
* 201	Mathews Ranch	L. F. Kite	1932	134	8	134	Ec	772	126.10 131.97	Jan. 27, 1930 July 21, 1939	C, W, G 1-1/2	S	Well N1-17 in Texas Board of Water Engineers Bulletin 5203 and Water Supply Paper 1481. Historical observation well. <u>1</u>
301	J. C. Williams	B. F. Kite	1915	300	8	300	Ec	754	120.20 232.7	Dec. 23, 1929 July 8, 1958	C, W	D, S	Well N1-24 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
303	Ed Easter and Sam Kooe	E. L. and P. L. Kite	1949	333	10	333	Ec	761	--	--	T, E 40	N	Slotted from 210 to 333 ft. Unused irrigation well. <u>1</u>
* 304	do	do	1949	342	6	342	Ec	760	--	--	T, E 40	Irr	Slotted from 236 to 342 ft. Reported yield of 303 gpm. Temp. 82°F. <u>1</u> <u>2</u>
305	Allen Hibdon	J. E. and E. L. Kite	1948	338	8	300	Ec	760	--	--	Sub, E	D, S	Well N1-86 in Texas Board of Water Engineers Bulletin 5203. Slotted from 200 to 300 ft. <u>1</u>
306	do	-- Meine	1946	300	8	300	Ec	760	180.00 174.73	Mar. 6, 1969 Mar. 9, 1972	N	N	Perforated from 240 to 300 ft. Unused since 1952. Observation well. <u>3</u>
307	E. B. Templeton	B. F. Kite	1917	350	12 10	140 350	Ec	761	--	--	T, E 40	S, Irr	Well N1-23 in Texas Board of Water Engineers Bulletin 5203. Perforated from 140 to 350 ft.
309	W. Richey	do	1936	200	12	200	Ec	758	131.7	May 4, 1939	T	N	Well N1-69 in Texas Board of Water Engineers Bulletin 5203. Unused irrigation well.
401	R. W. Norton	Monroe Gibbons	1925	300	6	--	Ec, Ewi	733	74.3 100.71	Jan. 25, 1930 Mar. 11, 1970	C, W	S	Well N1-39 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
402	Mathews Ranch	L. F. Kite	1923	335	--	--	Ec, Ewi	690	83.06 133.08	July 25, 1947 July 8, 1958	C, W	S	Well N1-92 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
403	Chaparrosa Ranch	Joe York, Jr.	1963	308	12	308	Ec	700	94.64 99.18	Feb. 10, 1965 Mar. 9, 1972	T, E 50	Irr	Slotted. Reported yield of 400 gpm. Observation well. <u>3</u>

See footnotes at end of table.

## ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIPT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
ZK-77-01-404	Chaparrosa Ranch	--	1968	189	8	185	Ec	731	102.11 103.60 108.22	Mar. 11, 1970 Mar. 18, 1971 Mar. 9, 1972	Sub, E 1	D, S	Perforated from 154 to 185 ft. Cemented from 150 ft to surface. Observation well. <u>1/3</u>
* 405	do	Joe York, Jr.	1963	271	12	270	Ec	700	--	--	T, E 50	Irr	Gm perforated from 200 to 270 ft. Reported yield of 440 gpm. Temp. 79°F. <u>2/</u>
501	Mathews Ranch	E. L. Kite	1945	483	8 6	-- 471	Ec	775	159.29 296.38	July 12, 1946 Mar. 21, 1972	C, W	S	Well NI-73 in Texas Board of Water Engineers Bulletin 5203. Perforated. Observation well. <u>3/</u>
502	La Pryor Gin Farm	--	--	--	--	--	Ec	760	--	--	T, E 50	Irr	--
503	Uvalde State Bank	Cribbs and Davidson	1935	300	12	300	Ec	765	--	--	T, E 50	Irr	Well NI-68 in Texas Board of Water Engineers Bulletin 5203. Perforated from 200 to 300 ft. Pump set at 290 ft. Temp. 80°F.
601	I. T. Pryor	E. F. Kite	--	--	10	--	--	725	122.30 236.13	Jan. 4, 1930 July 8, 1958	C, W	S	Well NI-40 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
* 602	Wallace C. Gilbert	E. L. Kite	1939	400	10	400	Ec	761	--	--	T, G 150	Irr	Perforated from 340 to 400 ft. Reported yield of 500 gpm. Temp. 82°F.
* 603	do	J. E. Kite	1943	350	10	350	Ec	761	--	--	T, G 125	Irr	Well NI-1 in Texas Board of Water Engineers Bulletin 5203. Slotted. Reported yield of 704 gpm. Temp. 82°F. <u>1/</u>
604	Joe Canales	J. E. and E. L. Kite	1945	427	8	419	Ec	760	--	--	T, E 40	Irr	Well NI-74 in Texas Board of Water Engineers Bulletin 5203. Slotted from 343 to 419 ft. Open hole from 419 to 427 ft. Top of Carrizo Sand 340 ft. <u>1/</u>
605	Ed Easter and San Kone	E. L. and F. L. Kite	1949	497	10	496	Ec	739	317.59 299.74	Jan. 9, 1969 Mar. 9, 1972	N	N	Slotted from 392 to 496 ft. Observation well. <u>1/2/3/</u>
* 606	do	J. E. and E. L. Kite	1944	494	10	487	Ec	740	--	--	T, E 40	S, Irr	Well NI-75 in Texas Board of Water Engineers Bulletin 5203. Perforated from 408 to 494 ft. Pump set at 380 ft. Reported yield of 434 gpm. Temp. 82°F. <u>1/</u>
607	do	do	1964	450	10	431	Ec	750	--	--	T, E 40	S, Irr	Well NI-76 in Texas Board of Water Engineers Bulletin 5203. Perforated from 334 to 431 ft. <u>1/</u>
608	do	E. L. and F. L. Kite	1949	404	10	404	Ec	751	269.83	Jan. 9, 1969	N	N	Slotted from 380 to 404 ft. <u>1/2/</u>
* 609	do	do	1949	364	10	364	Ec	758	279.90	do.	T, E 40	Irr	Slotted from 239 to 364 ft. Reported yield of 232 gpm. Temp. 82°F. <u>1/</u>
610	do	J. E. and E. L. Kite	1945	360	10	360	Ec	761	--	--	T, E 40	Irr	Perforated from 275 to 360 ft. <u>1/</u>
611	Mathews Ranch	Ace and Lee Hearn	1970	467	7	467	Ec	738	254	July 28, 1970	C, W	S	Perforated from 377 to 467 ft. Top of Carrizo Sand 371 ft. <u>2/</u>
* 701	R. W. Norton	Monroe Fenley	--	202	6	202	Ec	677	61.30 61.25	Feb. 6, 1930 Feb. 11, 1931	C, W	D, S	Well NI-58 in Texas Board of Water Engineers Bulletin 5203 and Water Supply Paper 1481. Historical observation well.
02-101	George Kelley	Charley Lindemore	1928	295	12	--	Ec	750	153.72 227.0	Sept. 17, 1948 Sept. 18, 1956	C, C	D	Well NI-34 in Texas Board of Water Engineers Bulletin 5203 and Water Supply Paper 1481. Temp. 78°F. Historical observation well.
* 102	Joe Wagner	E. F. Kite	1926	380	10	376	Ec	760	246.14 248.3 300.88	Oct. 4, 1954 July 8, 1958 Jan. 16, 1969	T, M 125	S, Irr	Well NI-38 in Texas Board of Water Engineers Bulletin 5203 and Water Supply Paper 1481. Temp. 82°F. Historical observation well. <u>1/</u>

See footnotes at end of table.

## ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
ZX-77-02-103	Ira Chitwood	J. E. and E. L. Kite	1948	383	10	343	Ec	755	271.13 279.39	Mar. 15, 1966 Mar. 16, 1972	T, C 100	S, Irr	Well N1-78 in Texas Board of Water Engineers Bulletin 5203 and Water Supply Paper 1481. Slotted from 238 to 343 ft. Open hole from 343 to 383 ft. Observation well. <u>y</u> <u>y</u>
* 105	J. A. Lanning	B. F. Kite	1938	240	10	205	Ec	750	--	--	T, C	N	Well N1-70 in Texas Board of Water Engineers Bulletin 5201 and Water Supply Paper 1481. Perforated from 165 to 205 ft. Unused irrigation well.
106	-- Kite	E. L. Kite	1944	323	10	323	Ec	761	--	--	T, Ng 125	Irr	Well N1-79 in Texas Board of Water Engineers Bulletin 5203 and Water Supply Paper 1481.
107	Ernest Ash	J. E. and E. L. Kite	1946	337	10	337	Ec	774	234.80	Jan. 15, 1969	T, Ng 125	N	Well deepened from 237 to 337 ft. Slotted from 237 to 337 ft. Unused irrigation well. <u>y</u>
108	do	Spurgeon Drilling Co.	1966	345	20 16 14	105 -- 345	Ec	773	230.82	do.	T, Ng 125	Irr	Slotted from 230 to 345 ft.
* 109	La Fryer Gin Co.	L. F. Kite	1932	410	10	373	Ec	763	110	1932	T, Ng 125	Irr	Well N1-72 in Texas Board of Water Engineers Bulletin 5203 and Water Supply Paper 1481. Temp. 80°F. <u>y</u>
110	Joe Wagner	B. F. Kite	1929	347	--	--	Ec	763	--	--	Sub, E	D, S	Well N1-37 in Texas Board of Water Engineers Bulletin 5203 and Water Supply Paper 1481. Temp. 78°F.
111	do	E. H. Cannon Drilling Co.	1968	450	12	450	Ec	761	294.98 291.89 320.59	Jan. 16, 1969 Mar. 4, 1970 Mar. 16, 1972	T, Ng 125	Irr	Slotted from 265 to 365 ft. Top of Carrizo Sand 263 ft. Development test: Drawdown of 40 ft while pumping 600 gpm on Aug. 1, 1968. Observation well. <u>y</u>
113	-- Windship	Charley Lindenborn	1928	376	10	308	Ec	760	--	--	T, E	D, S	Well N2-8 in Texas Board of Water Engineers Bulletin 5203. Open hole from 308 to 376 ft.
114	W. F. Roehler	J. E. and E. L. Kite	1943	245	8	224	Ec	765	223.40 228.22 112.78	Jan. 15, 1969 Mar. 23, 1970 Mar. 9, 1972	T, Ng	D	Well N1-82 in Texas Board of Water Engineers Bulletin 5203. Slotted from 164 to 224 ft. Observation well. <u>y</u> <u>y</u>
115	Fred Bonnet	do	1948	233	10	233	Ec	776	--	--	T	N	Well N1-93 in Texas Board of Water Engineers Bulletin 5203. Slotted from 151 to 233 ft. Unused irrigation well. Historical observation well. <u>y</u>
116	R. E. Miller	L. F. Kite	1936	512	6 5	340 400	Ec	750	--	--	Sub, E	S, Irr	Well N1-89 in Texas Board of Water Engineers Bulletin 5203. Well deepened from 449 to 512 ft in 1947. Open hole from 400 to 512 ft. <u>y</u>
117	Ollie Trees	E. L. Kite, Sr.	1945	246	6	240	Ec	750	--	--	N	N	Well N1-80 in Texas Board of Water Engineers Bulletin 5203. <u>y</u>
* 118	R. K. Miller	D. F. Webb	1957	523	16 12	100 523	Ec	750	321.46	July 19, 1972	T, Ng 125	S, Irr	Slotted from 411 to 523 ft. Pump set at 460 ft. Reported yield of 785 gpm. Temp. 82°F.
120	Allen Hibdon	J. E. and E. L. Kite	1947	404	10	330	Ec	760	--	--	Sub, E	S	Well N1-87 in Texas Board of Water Engineers Bulletin 5203. Slotted from 287 to 330 ft. <u>y</u>
121	Henry Keifer	L. F. Kite	1930	326	10	326	Ec	765	110	1930	T, Ng 125	S, Irr	Well N2-21 in Texas Board of Water Engineers Bulletin 5203. <u>y</u>
* 201	W. F. Roehler	do	1928	351	10 8	240 351	Ec	761	146.75 147.65	Sept. 17, 1948 Feb. 21, 1968	T, Ng 150	Irr	Temp. 80°F. Historical observation well. <u>y</u>

See footnotes at end of table.

## ZAVALA COUNTY

Table I. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* ZX-77-02-202	Marvin Dube	L. F. Kite	1930	325	10	211	Ec	750	110 146.17	Feb. 15, 1968	T, Ng 65	Irr	Well N2-20 in Texas Board of Water Engineers Bulletin 5203 and Water Supply Paper 1481. Open hole from 211 to 325 ft. Pump set at 300 ft. Reported yield of 458 gpm. Development test: Drawdown of 40 ft while pumping 550 gpm for 24 hours in 1939. Temp. 80°F. Historical observation well. <u>y</u>
203	Dube Brothers	O. F. Webb	1946	472	10 8	250 472	Ec	750	287.05	Mar. 21, 1968	T, Ng 85	Irr	Well N2-41 in Texas Board of Water Engineers Bulletin 5203. Slotted from 375 to 472 ft. Pump set at 340 ft.
204	E. B. Templeton	do.	1946	470	10	336	Ec	760	--	--	T, Ng 125	Irr	Well N2-37 in Texas Board of Water Engineers Bulletin 5203. Pump set at 290 ft.
205	Oscar Johnson	E. L. Kite	1946	406	10	395	Ec	758	--	--	T, Ng 100	S, Irr	Well N2-40 in Texas Board of Water Engineers Bulletin 5203. Slotted from 295 to 395 ft. Pump set at 300 ft. <u>y</u>
* 206	W. F. Koehler	Horace Vernon Humphreys	1968	355	18 14	222 355	Ec	762	--	--	T, Ng 150	D, Irr	Perforated from 277 to 355 ft. Cemented from 222 ft to surface. Pump set at 330 ft. Reported yield of 750 gpm. Temp. 80°F. <u>y</u>
207	W. S. Dickerson	J. E. and E. L. Kite	1946	378	10	376	Ec	745	--	--	T, Ng 150	S, Irr	Well N2-39 in Texas Board of Water Engineers Bulletin 5203. Slotted from 289 to 376 ft. <u>y</u>
208	Elmo Jones	--	--	300	12	300	Ec	765	--	--	T, Ng 125	S, Irr	--
209	Elmo Jones	--	--	300	12	300	Ec	765	262.73	Mar. 22, 1968	T, Ng 125	S, Irr	--
210	O. B. Sharp	Charley Lindemborn	1928	215	12	--	Ec	767	207.80	Jan. 15, 1969	T	N	Well N2-3 in Texas Board of Water Engineers Bulletin 5203. Unused irrigation well.
211	W. F. Koehler	E. L. Kite	1944	375	10	375	Ec	761	--	--	T	N	Well N2-35 in Texas Board of Water Engineers Bulletin 5203. Unused irrigation well.
213	--Kletsche	J. E. and E. L. Kite	1946	230	8	230	Ec	767	90	June 19, 1946	T, G 125	Irr	Well N2-38 in Texas Board of Water Engineers Bulletin 5203. Slotted from 165 to 230 ft. <u>y</u>
214	George Powell	King Drilling Co.	1966	300	12	300	Ec	765	272.39	Jan. 22, 1969	T, Ng 125	Irr	Development test yielded 1,000 gpm in 1966.
401	Homer F. Rainey	B. F. Kite	--	230	8	230	Sh	745	109.20 111.79	Aug. 22, 1952 July 8, 1958	C, W	S	Well N1-43 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
402	I. T. Fryer, Jr.	Roy Gibbon	--	--	--	--	Ec	745	93.41 95.23	Sept. 17, 1948 July 26, 1958	C, W	S	Well N1-83 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
* 403	Zavala County NCD	Verdell Brothers Drilling Co.	1959	575	12	575	Ec	745	350.0 360.94	Sept. 30, 1964 Mar. 21, 1972	T, E 75	P	Perforated from 425 to 575 ft. Pump set at 400 ft. Temp. 81°F. Observation well. <u>y</u>
404	do	--	1927	520	10 6	-- 520	Ec	745	129.3	Jan. 28, 1930	T, E 20	P	Well N1-49 in Texas Board of Water Engineers Bulletin 5203 and Water Supply Paper 1481. Perforated from 460 to 520 ft. Temp. 78°F.
405	Kirby Atwood	O. P. Webb	1946	617	10	617	Ec	745	315.85	Mar. 19, 1968	N	N	Well N2-23 in Texas Board of Water Engineers Bulletin 5203.
* 406	W. C. Hunter	J. W. Hickerson	1964	705	14 10	461 705	Ec	710	281.73	Mar. 7, 1968	T, Ng 165	Irr	Perforated from 470 to 705 ft. Pump set at 420 ft. Reported yield of 1,180 gpm. Temp. 84°F.

See footnotes at end of table.



## ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING			ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)	WATER BEARING UNIT		BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* ZX-77-02-407	Dube Brothers	J. E. and E. L. Kite	1947	765	10 8	320 765	Ec	745	--	--	T, Ng 125	Irr	Slotted from 665 to 710 ft. Pump set at 450 ft. Temp. 80°F. <u>y</u>
" 408	Paul Jescoe	do.	1943	492	10 8	248 492	Ec	745	--	--	T, Ng 100	Irr	Perforated from 429 to 492 ft. Pump set at 400 ft. Reported yield of 152 gpm. Temp. 82°F. <u>y</u>
409	Jack Tillery	--	--	800	8	800	Ec	735	--	--	T, G 125	D, Irr	--
410	do	--	1909	800	8	726	Ec	730	--	--	T, Ng 125	D, Irr	--
411	-- Richey	Roy Gibbon	1944	400	8	400	Ec	725	--	--	T, G 125	Irr	Well N1-84 in Texas Board of Water Engineers Bulletin 5203.
412	Roy Brown	J. E. and E. L. Kite	1947	388	10	363	Ec	745	287.22 295.07	Jan. 17, 1969 Mar. 9, 1972	N	N	Well N1-88 in Texas Board of Water Engineers Bulletin 5203. Observation well. <u>y</u>
413	Shelly Watkins	I. C. Cribbs	--	462	10	462	Ec	745	--	--	T, E 75	S, Irr	Well N2-33 in Texas Board of Water Engineers Bulletin 5203. Top of Carrizo Sand 383 ft.
501	Emma Mangum	E. L. Kite	1948	52	12	52	Q1	660	27.49 26.21	Sept. 17, 1948 May 22, 1968	N	N	Well N2-27 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
502	Shelly Watkins	J. E. and E. L. Kite	1946	460	10	447	Ec	755	177.18 239.83	Sept. 17, 1948 Feb. 10, 1965	T, G 100	N	Well N2-34 in Texas Board of Water Engineers Bulletin 5203. Slotted from 361 to 447 ft. Unused irrigation well. Historical observation well. <u>y</u>
503	Gilbert Dube	Humble Oil and Refining Co.	1944	1,500	8	1,500	Ec	745	328.55	Mar. 20, 1968	T, Ng 125	Irr	Oil test drilled to 6,200 ft, plugged back to 1,500 ft, and converted to water well. Shot perforated from 700 to 800 ft. Cemented from 1,500 ft to surface. Pump set at 470 ft.
504	Victor Dube	J. E. and E. L. Kite	1943	686	12 10 8	197 251 686	Ec	745	--	--	T, Ng 125	Irr	Well N2-25 in Texas Board of Water Engineers Bulletin 5203 and Water Supply Paper 1481. Perforated from 511 to 686 ft. Pump set at 420 ft. <u>y</u>
505	Kirby Atwood	J. W. Hickerson	1959	595	12	555	Ec	745	--	--	T, Ng 150	Irr	Open hole from 555 to 595 ft. Top of Carrizo Sand 520 ft. Pump set at 460 ft. Reported yield of 1,000 gpm.
506	do	J. E. Kite	1943	617	10 8	400 600	Ec	745	--	--	Sub, E	D	Well N2-24 in Texas Board of Water Engineers Bulletin 5203. Open hole from 600 to 617 ft. Top of Carrizo Sand 500 ft. <u>y</u>
507	do	J. W. Hickerson	1959	680	12	600	Ec	745	--	--	T, Ng 150	Irr	Open hole from 600 to 680 ft. Top of Carrizo Sand 500 ft. Pump set at 350 ft. Reported yield of 1,200 gpm.
* 509	George Powell	J. E. and E. L. Kite	1947	734	10 8	377 734	Ec	732	--	--	T, Ng 125	S, Irr	Well N2-26 in Texas Board of Water Engineers Bulletin 5203. Slotted, Top of Carrizo Sand 625 ft. Pump set at 460 ft. Temp. 86°F. <u>y</u>
* 601	Morment Foley	E. L. Kite	1948	70	10	70	Q1	695	28.19 22.39	Sept. 17, 1948 Mar. 7, 1949	T, E 15	Irr	Well N2-29 in Texas Board of Water Engineers Bulletin 5203. Slotted from 51 to 70 ft. Pump set at 60 ft. Reported yield of 1,180 gpm. Temp. 74°F.
602	do	E. H. Cannon Drilling Co.	1964	830	12	830	Ec	695	--	--	T, E 125	Irr	Slotted from 613 to 830 ft. Cemented from 500 ft to surface. Top of Carrizo Sand 613 ft. Reported yield of 935 gpm. Temp. 84°F.
" 603	do	--	1948	70	12	70	Q1	695	51.96	Jan. 26, 1968	T, E 15	Irr	Well N2-30 in Texas Board of Water Engineers Bulletin 5203. Pump set at 60 ft. Temp. 76°F. Historical observation well.

See footnotes at end of table.

## ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BRARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAMB-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* ZX-77-02-604	Norment Foley	E. L. Rite	1948	70	12	70	Q1	695	52.96	Jan. 30, 1968	T, E 15	Irr	Well N2-28 in Texas Board of Water Engineers Bulletin 5203. Pump set at 60 ft. Temp. 74°F.
* 605	do	--	1948	70	12	70	Q1	701	--	--	T, E	Irr	Pump set at 60 ft. Temp. 74°F.
606	do	E. H. Cannon Drilling Co.	1956	820	12	808	Ec	701	268.05 300.75	Feb. 10, 1970 Mar. 9, 1972	T, E	Irr	Slotted from 566 to 808 ft. Cemented from 559 ft to surface. Observation well. <u>3</u>
701	Bernard Nelson	--	--	--	--	--	Ec	715	284.0 393.70	July 9, 1958 Dec. 18, 1962	T, Ng 125	N	Unused irrigation well. Historical observation well.
702	do	--	--	--	13	--	Ec	710	374.4	Mar. 15, 1966	T, Ng 100	N	do.
* 703	T. L. Pitts	B. F. Kite	1925	230	6	190	sb	725	91.6	Dec. 27, 1929	C, W	D, S	Well N1-56 in Texas Board of Water Engineers Bulletin 5203. Perforated from 190 to 230 ft. Temp. 78°F. <u>1</u>
704	Bernard Nelson	--	--	--	--	--	Ec	715	--	--	T, Ng 125	Irr	--
705	Jack Tillery	E. H. Cannon Drilling Co.	1966	752	14	752	Ec	715	336.94	Jan. 22, 1969	T, Ng 125	Irr	Slotted from 627 to 752 ft. Top of Carrizo Sand 600 ft.
706	do	do	1966	747	14	747	Ec	720	324.55 385.33	do. Mar. 9, 1972	T, Ng 200	Irr	Slotted from 622 to 747 ft. Cemented from 747 ft to surface. Top of Carrizo Sand 800 ft. Observation well. <u>3</u>
* 707	Terrell Holliday	O. E. Webb	1952	735	12	550	Ec	722	--	--	T, Ng 125	Irr	Cemented from 550 ft to surface. Pump set at 500 ft. Reported yield of 759 gpm. Temp. 84°F.
03-301	Mrs. -- Flowers	--	--	727	10 8	225 727	Ec	715	202.98 298.06	Dec. 19, 1957 June 23, 1970	N	N	Slotted. Historical observation well. Recorder observation well from Dec. 19, 1957 to Sept. 18, 1968. <u>3</u>
302	Mrs. -- Murdine	--	--	--	6	--	Q1	727	11.55 10.39	Jan. 16, 1946 Mar. 5, 1947	C, W, G	D, S	Well N3-9 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
303	Ashton and Vickery	--	--	60	8	--	Q1	723	42.20 42.82 40.16	Jan. 16, 1946 Aug. 7, 1946 Mar. 5, 1947	C, W	D, S	Well N3-11 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
304	-- Mobley	--	--	60	8	--	Q1	721	42.10 42.87 39.04	Jan. 16, 1946 Aug. 7, 1946 Mar. 5, 1947	C, W	D, S	Well N3-17 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
305	J. B. Reeves	--	--	46	36	--	Q1	727	41.91 64.43 38.30	Jan. 16, 1946 Aug. 7, 1946 Mar. 4, 1947	C, H	D, S	Well N3-15 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
306	Carl White	--	1929	61	12	--	Q1	721	43.4 45.30	Nov. 30, 1929 Mar. 27, 1968	Sub, E	D, S	Well N3-1 in Texas Board of Water Engineers Bulletin 5203. Temp. 70°F.
307	L. H. Laffere	-- Crawford	1950	620	16	450	Ec	720	223.07	Feb. 6, 1968	T, Ng 100	Irr	Open hole from 450 to 620 ft. Pump set at 380 ft.
308	do	E. H. Cannon Drilling Co.	1963	690	12	690	Ec	720	--	--	T, Ng 125	Irr	Cemented from 500 ft to surface. Pump set at 370 ft.
* 309	do	--	1948	718	12	718	Ec	720	--	--	T, E 100	Irr	Pump set at 400 ft. Reported yield of 860 gpm. Temp. 79°F.
310	do.	F. Mine	1947	60	10	60	Q1	720	--	--	T, E	N	Well N3-104 in Water Supply Paper 1481. Slotted from 40 to 60 ft. Unused irrigation well.

See footnotes at end of table.

ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
ZX-77-09-311	L. H. Leffere	--	1947	60	12	60	Q1	720	--	--	Sub, E	D	--
312	do	--	1947	60	12	60	Q1	720	52.94	Feb. 6, 1968	T, E	N	Unused irrigation well.
313	do	--	1947	60	12	60	Q1	720	55.94	do.	T, E	Irr	--
314	do	--	1947	60	12	60	Q1	720	--	--	T, E 13	Irr	--
* 315	do	--	1952	590	12	400	Ec	720	220.32	Feb. 6, 1968	T, E 100	Irr	Open hole from 400 to 590 ft. Pump set at 310 ft. Reported yield of 876 gpm. Temp. 77°F.
* 316	Mrs. -- Flowers	--	--	700	12	700	Ec	715	--	--	T, Ng 125	D, Irr	Slotted from 500 to 700 ft. Pump set at 380 ft. Temp. 79°F.
317	-- Immonds	--	--	710	12	710	Ec	710	219.00 227.20	May 22, 1968 Oct. 17, 1968	T, Ng 125	Irr	Slotted from 510 to 710 ft. Pump set at 390 ft. Development test: Drawdown of 45 ft while pumping 827 gpm on Nov. 20, 1968.
* 401	I. T. Pryor	--	1921	730	10	--	Ec	720	211.63 279.14	Dec. 16, 1960 Mar. 9, 1972	C, E	S	Well N2-19 in Texas Board of Water Engineers Bulletin 5203. Oil test drilled to 2,680 ft, plugged back to 730 ft, and converted to water well, observation well.
601	-- Ross	--	--	46	8	--	Q1	701	39.35 40.04 39.05	Jan. 23, 1946 Aug. 7, 1946 Mar. 4, 1947	C, W	S	Well N3-25 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
602	Joe Hunter	--	--	52	10	--	Q1	710	44.60 45.44 43.31	Jan. 23, 1946 Aug. 8, 1946 Mar. 5, 1947	C, W	D, S	Well N3-23 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
603	L. H. Leffere	B. and L. Drilling Co.	1948	690	12 10 8	180 485 690	Ec	700	181.20	Feb. 7, 1968	T, E 100	Irr	Pump set at 380 ft.
604	R. C. Campbell	-- Lassiter	1949	876	12	750	Ec	740	--	--	T, Ng 125	Irr	--
* 605	J. D. Lambert	--	1964	700	12 10	400 500	Ec	740	--	--	T, E 100	Irr	Open hole from 500 to 700 ft. Pump set at 400 ft. Temp. 84°F.
606	do	--	1949	700	12 10	260 700	Ec	735	--	--	T, E 75	Irr	Pump set at 400 ft.
607	Henry Rattie	--	1950	720	10 8	350 720	Ec	710	228.38	May 22, 1968	T, C 75	Irr	Pump set at 350 ft.
608	J. D. Lambert	--	1964	700	12	700	Ec	742	--	--	T, E 100	Irr	Perforated from 575 to 700 ft. Pump set at 400 ft.
609	R. C. Campbell	--	--	--	--	--	Q1	700	42.29	May 23, 1968	T, E 25	Irr	--
901	Batesville Farming Co.	--	--	950	12	950	Ec	678	269.70	Jan. 31, 1968	T, Ng 100	Irr	Pump set at 480 ft.
902	do	--	--	950	12	950	Ec	678	269.90	do.	T, Ng 100	Irr	do.
04-101	H. P. King	--	--	45	6	--	Q1	730	37.43 39.63 36.58	Jan. 16, 1946 Aug. 7, 1946 Mar. 4, 1947	N	N	Well N3-13 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.

See footnotes at end of table.

## ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM-ETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
ZK-77-04-102	J. B. Reeves	--	--	--	6	--	Q1	727	38.15 42.08 37.01	Jan. 16, 1946 Aug. 7, 1946 Mar. 5, 1947	C, W	D, S	Well N3-16 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
103	A. L. Wilson	--	--	44	6	--	Q1	726	38.07 41.26 34.40	Jan. 16, 1946 Aug. 7, 1946 Mar. 5, 1947	C, W	D, S	Well N3-14 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
104	T. T. Nelson	--	--	60	10	--	Q1	726	45.16 47.29 41.34	Jan. 16, 1946 Aug. 7, 1946 Mar. 4, 1947	T, C	D, S	Well N3-19 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
105	W. T. Turner	--	--	59	8	--	Q1	717	45.61 46.97 42.69	Jan. 24, 1946 Aug. 7, 1946 Mar. 4, 1947	C, W	D, S	Well N3-21 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
106	J. N. Sawyers, Jr.	--	--	54	8	--	Q1	715	45.22 46.68 42.18	Jan. 24, 1946 Aug. 7, 1946 Mar. 4, 1947	C, W	D, S	Well N3-20 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
107	Jim West	--	--	51	48	--	Q1	715	40.90 43.28 44.35	Jan. 17, 1946 Aug. 7, 1946 Mar. 4, 1947	C, W	D, S	Well N3-33 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
* 201	Byrd Farms	--	1957	550	12	550	Ec	745	--	--	T, E	Irr	Reported yield of 789 gpm. Temp. 82°F.
* 202	do.	--	1957	550	12	550	Ec	745	--	--	T, Ng 200	Irr	Slotted. Reported yield of 1,362 gpm. Temp. 83°F.
203	do	J. W. Hickerson	1963	707	16 12 10	479 -- 707	Ec	760	--	--	T, Ng 150	Irr	Cemented from 479 ft to surface. <u>y</u>
* 204	do	do	1963	712	12 10 8	523 -- 712	Ec	760	--	--	T, Ng 200	Irr	Cemented from 523 ft to surface. Reported yield of 1,002 gpm. Temp. 80°F.
* 301	Roy Capp	--	1951	630	12	630	Ec	775	210 295.55	Feb. 1951 Mar. 13, 1972	T, E 125	Irr	Perforated from 295 to 630 ft. Reported yield of 1,300 gpm. Temp. 84°F. Observation well. <u>y</u>
* 401	E. W. King	--	1928	54	6	54	Q1	713	43.2 44.08 41.85	Feb. 9, 1930 Jan. 24, 1946 Mar. 5, 1947	C, W	D, S	Well N3-4 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
402	Zavala County	--	--	48	6	--	Q1	716	44.74 46.08 41.85	Jan. 24, 1946 Aug. 7, 1946 Mar. 5, 1947	C, W	N	Well N3-22 in Texas Board of Water Engineers Bulletin 5203. Unused livestock well. Historical observation well.
403	-- Rose	--	--	84	8	--	Q1	711	35.37 37.31 35.27	Jan. 24, 1946 Aug. 7, 1946 Mar. 4, 1947	--	D	Well N3-32 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
404	R. T. Rhodes	--	--	55	6	--	Q1	704	44.25 45.08 43.28	Jan. 23, 1946 Aug. 7, 1946 Mar. 4, 1947	C, W	D, S	Well N3-27 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
405	Jose Vasquez	--	--	44	48	--	Q1	704	43.44 42.75	Jan. 24, 1946 Mar. 4, 1947	N	N	Well N3-26 in Texas Board of Water Engineers Bulletin 5203. Dug well. Historical observation well.
406	Eusebio Rodriguez	--	--	--	48	--	Q1	706	53.85 54.99 54.48	Jan. 23, 1946 Aug. 8, 1946 Mar. 4, 1947	N	N	Well N3-35 in Texas Board of Water Engineers Bulletin 5203. Abandoned. Historical observation well.

See footnotes at end of table.

## ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	CASING			WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIPT	USE OF WATER	REMARKS
				DEPTH OF WELL (ft)	DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
ZX-77-04-407	Steven Torrea	--	--	55	48	--	Q1	708	55.92 54.70 55.35	Jan. 23, 1946 Aug. 8, 1946 Mar. 4, 1947	--	D	Well N3-36 in Texas Board of Water Engineers' Bulletin 5203. Dug well. Historical observation well.
408	Santos Nava	--	--	54	48	--	Q1	704	53.28 53.93 55.14	Jan. 23, 1946 Aug. 8, 1946 Mar. 4, 1947	--	D	Well N3-37 in Texas Board of Water Engineers' Bulletin 5203. Dug well. Historical observation well.
409	D. C. Carnes	--	--	--	--	--	Q1	705	56.15 55.58	June 8, 1954 Aug. 23, 1956	--	--	Historical observation well.
410	-- Brubeck	--	--	60	--	--	Q1	695	48.01 48.55 51.33	Jan. 17, 1946 Aug. 8, 1946 Mar. 4, 1947	T, G	N	Well N3-44 in Texas Board of Water Engineers' Bulletin 5203. Unused irrigation well. Historical observation well.
411	R. W. Willoughby	--	--	58	6	--	Q1	683	41.48 42.91 44.85	Jan. 23, 1946 Aug. 8, 1946 Mar. 4, 1947	N	N	Well N3-45 in Texas Board of Water Engineers' Bulletin 5203. Historical observation well.
v 412	Norment Foley	V. M. Marks	1949	925	12	752	Ec	701	114 257.32	Jan. 1949 Feb. 8, 1968	T, Ng 125	Irr	Well N3-116 in Texas Board of Water Engineers' Bulletin 5203. Open hole from 752 to 925 ft. Reported yield of 704 gpm. Temp. 86°F.
413	do	--	--	915	12	915	Ec	701	--	--	T, Ng 125	D, Irr	Slotted from 715 to 915 ft. Pump set at 460 ft.
414	Hardin Farms	E. H. Cannon Drilling Co.	1964	882	12	882	Ec	719	--	--	T, Ng 150	Irr	Slotted from 701 to 882 ft. Cemented from 550 ft to surface. Pump set at 420 ft.
* 415	Batesville Farming Co.	--	--	950	12	400 950	Ec	682	--	--	T, Ng 100	Irr	Slotted from 750 to 950 ft. Pump set at 470 ft. Reported yield of 552 gpm. Temp. 88°F.
416	Felton Fitch	--	1952	900	12	900	Ec	701	250.73	Mar. 6, 1968	T, Ng 150	Irr	Perforated from 700 to 900 ft. Cemented from 900 ft to surface. Pump set at 450 ft.
* 417	do	-- Lassiter	1948	920	10	920	Ec	700	--	--	T, Ng 150	D, S Irr	Perforated from 700 to 920 ft. Pump set at 450 ft. Reported yield of 1,068 gpm. Temp. 86°F.
* 418	Rolan Carnes	--	--	900	12	400 900	Ec	705	282.14	Dec. 21, 1967	T, Ng 150	Irr	Slotted from 700 to 900 ft. Pump set at 470 ft. Temp. 91°F.
* 419	do	--	--	900	12	900	Ec	705	275.78	do.	T, Ng 150	Irr	Slotted from 700 to 900 ft. Pump set at 460 ft. Temp. 86°F.
v 420	James Brewster	--	1952	925	12	925	Ec	702	249.30 242.34	Oct. 9, 1968 Jan. 7, 1969	T, Ng 125	Irr	Slotted from 725 to 925 ft. Pump set at 470 ft. Temp. 79°F. Historical observation well.
* 421	D. C. Carnes	--	1952	--	--	--	Ec	700	--	--	T, Ng 100	Irr	Temp. 88°F.
* 422	do	--	--	975	12	975	Ec	700	260.52	Oct. 30, 1968	T, Ng 100	Irr	Slotted from 775 to 975 ft. Pump set at 450 ft. Reported yield of 602 gpm. Temp. 88°F.
423	do	--	1946	60	6	--	Q1	700	44.14	do.	T	N	Well N3-47 in Texas Board of Water Engineers' Bulletin 5203. Unused irrigation well.
424	do	P. Hine	1947	60	12	60	Q1	700	39.11	do.	T, Ng 75	Irr	Well N3-93 in Texas Board of Water Engineers' Bulletin 5203.
425	do	do	1947	60	12	60	Q1	700	34.05	do.	T, E 25	Irr	Well N3-92 in Texas Board of Water Engineers' Bulletin 5203.
426	do	--	1947	60	12	60	Q1	705	--	--	T, Ng 75	Irr	--

See footnotes at end of table.

## ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
ZX-77-04-427	Felton Fitch	--	1947	60	12	60	Q1	701	--	--	T, Ng 75	D, S Irr	Well N3-87 in Texas Board of Water Engineers Bulletin 5203.
428	do	--	1947	60	12	60	Q1	701	--	--	T, Ng 75	Irr	Well N3-91 in Texas Board of Water Engineers Bulletin 5203.
* 429	Rolan Carnee	--	1947	60	10	60	Q1	700	--	--	T, E 20	Irr	Temp. 74°F.
* 430	Slovak Brothers	--	--	930	12	930	Ec	710	--	--	T, G 150	Irr	Slotted from 730 to 930 ft. Pump set at 380 ft. Reported yield of 677 gpm. Temp. 82°F.
431	City of Batesville	McKinlay Drilling Co.	1968	922	12	807	Ec	710	214.00 291.63	May 22, 1968 Mar. 21, 1972	T, E 75	P	Slotted from 667 to 807 ft. Cemented from 635 ft. to surface. Top of Carrizo Sand 660 ft. Pump set at 450 ft. Reported yield of 320 gpm. Development test: Drawdown of 31 ft while pumping 1,005 gpm for 1/2 hour on May 23, 1968. Temp. 81°F. Observation well. <u>4/23/73</u>
432	R. W. Willoughby	--	--	--	--	--	Ec	683	--	--	T, E 125	Irr	--
433	do	E. H. Cannon Drilling Co.	1956	1,020	12	1,002	Ec	683	--	--	T, E 125	Irr	Slotted from 740 to 1,002 ft. Cemented from 680 ft. to surface.
434	do	Herman Crawford	1937	60	12	60	Q1	683	--	--	T, E 15	Irr	Well N3-5 in Texas Board of Water Engineers Bulletin 5203. Perforated from 40 to 60 ft.
435	do	do	1938	60	15	60	Q1	682	--	--	T, E 20	Irr	Well N3-8 in Texas Board of Water Engineers Bulletin 5203. Perforated from 40 to 60 ft.
436	Norment Foley	--	--	60	--	--	Q1	701	--	--	T, E 25	Irr	Well N3-41 in Texas Board of Water Engineers Bulletin 5203.
437	do	--	--	--	--	--	Q1	701	--	--	T, E 20	N	Well N3-43 in Texas Board of Water Engineers Bulletin 5203. Unused irrigation well.
501	-- Nixon Estate	--	1956	850	12	850	Ec	710	--	--	T	N	Unused irrigation well.
* 502	Deer Park Farms	--	--	950	12	950	Ec	700	--	--	T, E 150	S, Irr	Slotted from 750 to 950 ft. Pump set at 480 ft. Reported yield of 508 gpm. Temp. 83°F.
* 503	do	--	--	930	10	930	Ec	700	--	--	T, E 125	Irr	Perforated from 700 to 930 ft. Pump set at 470 ft. Reported yield of 958 gpm. Temp. 86°F.
* 504	do	--	--	900	12	900	Ec	700	248.33	Mar. 20, 1968	T, E 125	Irr	Pump set at 460 ft. Temp. 86°F.
505	do	--	--	920	12	920	Ec	700	259.13	Feb. 15, 1968	T, E 150	Irr	Pump set at 460 ft.
506	do	J. Sellar	1948	68	12	68	Q1	700	49.23	Mar. 31, 1968	T, E 35	Irr	Well N3-114 in Texas Board of Water Engineers Bulletin 5203.
507	do	do	1948	73	12	73	Q1	700	--	--	T, E 15	Irr	Well N3-115 in Texas Board of Water Engineers Bulletin 5203.
* 508	do	--	--	900	12	900	Ec	700	--	--	T, E 150	Irr	Pump set at 440 ft.
* 509	F. M. Boykin, Jr.	J. W. Nickerson	1963	1,037	12	793	Ec	720	252.30	Feb. 15, 1968	T, Ng 150	Irr	Perforated from 793 to 1,000 ft. Pump set at 480 ft. Temp. 86°F.
* 510	-- Dechard	--	1951	1,000	12	650 1,000	Ec	720	258.61	Mar. 21, 1968	T, Ng 150	Irr	Pump set at 470 ft. Reported yield of 870 gpm. Temp. 86°F.

See footnotes at end of table.

## ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
2X-77-04-511	F. M. Boykin, Jr.	--	--	995	12	995	Ec	700	250.15	Feb. 15, 1968	T, Ng 300	Irr	Pump set at 470 ft.
512	do	--	--	1,000	12	1,000	Ec	720	--	--	T, Ng 300	Irr	Pump set at 490 ft.
513	-- Dechard	Carl Vickers Water Wells	1948	1,000	12	1,000	Ec	730	--	--	T, E 125	N	Cemented from 600 ft to surface. Pump set at 400 ft. Unused irrigation well.
* 514	R. C. Campbell	--	1952	900	12	900	Ec	710	--	--	T, Ng 125	Irr	Reported yield of 674 gpm. Temp. 85°F.
* 515	do	--	1949	900	12	700 900	Ec	715	--	--	T, Ng 125	Irr	Well N3-124 in Texas Board of Water Engineers Bulletin 5203. Slotted from 700 to 900 ft. Pump set at 430 ft. Reported yield of 669 gpm. Temp. 86°F.
516	do.	--	1952	900	12	900	Ec	700	--	--	T, Ng 250	Irr	--
* 517	Deer Park Farms	--	--	72	12	72	Q1	700	31.20	Feb. 25, 1969	T, E 20	Irr	Pump set at 65 ft. Temp. 78°F.
518	do	--	--	960	12	960	Ec	680	257.12	do.	T, E 125	Irr	Slotted from 760 to 960 ft. Pump set at 470 ft. Historical observation well.
601	Felton Fitch	J. W. Hickerson	1962	1,018	14	885 1,018	Ec	680	304.38 354.07	Dec. 23, 1965 Apr. 1, 1971	T, E 125	Irr	Slotted from 885 to 1,018 ft. Pump set at 360 ft. Observation well. <u>1/3</u>
603	West and West Cattle Co.	McKinley Drilling Co.	1953	1,090	12	1,090	Ec	686	--	--	T, Ng	Irr	Pump set at 500 ft.
* 604	do	do	1953	1,005	--	--	Ec	680	242.66 250.87	Mar. 5, 1970 Mar. 21, 1972	T, Ng 125	Irr	Reported yield of 946 gpm. Temp. 84°F. Observation well. <u>3/3</u>
* 605	Clint Bracher	J. W. Hickerson	1963	1,006	12	790	Ec	690	--	--	T, G 125	Irr	Perforated from 790 to 1,006 ft. Cemented from 790 ft to surface. Reported yield of 852 gpm. Temp. 86°F. <u>1/3</u>
* 606	do	do	1964	1,064	12	1,064	Ec	690	--	--	T, C 125	Irr	Cemented from 1,064 ft to surface. Reported yield of 510 gpm. Temp. 90°F. <u>1/3</u>
* 607	Wilson-Hunter	--	1955	981	14	981	Ec	700	--	--	T, E 125	S, Irr	Slotted from 900 to 981 ft. Top of Carrizo Sand 900 ft. Pump set at 380 ft. Reported yield of 1,096 gpm. Temp. 86°F.
* 608	do	--	1965	960	6	400 960	Ec	700	--	--	Sub, E	D, S Irr	Top of Carrizo Sand 900 ft. Pump set at 350 ft. Temp. 82°F.
701	N. M. Foley	--	1952	1,008	12	380 1,008	Ec	680	56 179.80	Feb. 11, 1952 Feb. 11, 1961	T, E 125	Irr	Perforated from 971 to 1,008 ft. Historical observation well.
* 702	R. W. Willoughby	--	--	--	12	--	Q1	685	41.32 42.26 45.26	Jan. 23, 1946 Aug. 8, 1946 Mar. 4, 1947	C, W	D, S	Well N3-7 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
703	do	--	--	--	6	--	Q1	680	37.20 39.32 40.72	Jan. 23, 1946 Aug. 8, 1946 Mar. 4, 1947	C, C 2	S	Well N3-56 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
704	do	P. Hine	1948	60	12	60	Q1	680	34.84 26.29	Dec. 16, 1960 Jan. 27, 1970	T, E 15	N	Well N3-73 in Texas Board of Water Engineers Bulletin 5203. Unused irrigation well. Historical observation well.

See footnotes at end of table.

ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASTING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIPT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
ZX-77-04-705	Spring Brothers	--	--	60	6	--	Q1	686	43.74 43.72 51.89	Jan. 17, 1946 Aug. 8, 1946 Mar. 4, 1947	C, H	N	Well N3-47 in Texas Board of Water Engineers Bulletin 5203. Unused domestic well. Historical observation well.
706	Norment Foley	Carl Vickers Water Wells	1948	1,022	12 10	296 998	Ec	680	280.63 328.81	Feb. 24, 1965 Mar. 10, 1972	T, Ng 300	Irr	Perforated from 750 to 998 ft. Cemented from 296 ft to surface. Top of Carrizo Sand 760 ft. Pump set at 500 ft. Observation well. 1/3
707	Batesville Farming Co.	--	1947	65	12	65	Q1	680	48.90	Jan. 30, 1968	T, R 25	Irr	Pump set at 55 ft.
708	do	--	1947	60	12	60	Q1	679	39.47	do,	T, C 100	Irr	--
* 709	Norment Foley	Carl Vickers Water Wells	1949	1,005	12 10	406 601	Ec	680	--	--	T, Ng 150	Irr	Top of Carrizo Sand 630 ft. Temp. 88°F. 1/2
710	do	--	--	1,000	--	--	Ec	670	266.82	Feb. 8, 1968	T, Ng 150	Irr	--
* 711	Charles J. Ondrusak	P. Hine	1948	60	12	60	Q1	677	--	--	T, E 15	S, Irr	Well N3-79 in Texas Board of Water Engineers Bulletin 5203. Temp. 76°F.
712	do	do	1948	60	12	60	Q1	678	--	--	T, E 15	Irr	Reported yield of 320 gpm.
713	do	E. H. Cannon Drilling Co.	1962	1,050	12 10	--	Ec	681	305	Nov. 6, 1962	T, Ng 125	S, Irr	Slotted. Pump set at 460 ft. Reported yield of 1,000 gpm.
714	do	P. Hine	1948	60	12	60	Q1	681	--	--	T, E 25	S, Irr	Well N3-76 in Texas Board of Water Engineers Bulletin 5203.
715	do	E. H. Cannon Drilling Co.	1966	1,050	12	1,050	Ec	680	--	--	T, Ng 125	S, Irr	Slotted. Pump set at 460 ft. Development test: Drawdown of 26 ft while pumping 1,452 gpm for 1 hour.
716	R. W. Willoughby	P. Hine	1948	67	14	67	Q1	682	--	--	T, E 30	Irr	Well N3-80 in Texas Board of Water Engineers Bulletin 5203.
717	do	do	1948	60	12	60	Q1	682	--	--	T, E 15	Irr	Well N3-75 in Texas Board of Water Engineers Bulletin 5203.
718	do	--	--	--	--	--	Ec	682	301.31 357.87	Feb. 10, 1970 Mar. 17, 1972	T, E 100	Irr	Observation well. 3/4
719	do	--	--	--	--	--	Q1	682	--	--	T, E 15	Irr	Well N3-54 in Texas Board of Water Engineers Bulletin 5203.
801	W. H. Faystinger	-- Crawford	1946	70	12	62	Q1	660	30.30 33.32 33.15	Jan. 30, 1946 Aug. 8, 1946 Mar. 4, 1947	T, E 20	Irr	Slotted from 52 to 62 ft. Open hole from 62 to 70 ft. Historical observation well.
802	do	do	1946	62	12	62	Q1	660	26.51 29.45 29.31	Jan. 30, 1946 Aug. 8, 1946 Mar. 4, 1947	T, E	N	Slotted from 52 to 62 ft. Unused irrigation well. Historical observation well.
803	do	do	1946	70	12	62	Q1	675	--	--	T, E 25	Irr	Slotted from 52 to 62 ft. Open hole from 62 to 70 ft. Reported yield of 800 gpm. Temp. 75°F.
804	Deer Park Farms	--	--	925	12	925	Ec	700	242.54	Mar. 20, 1968	T, E 150	Irr	Slotted from 725 to 925 ft. Pump set at 490 ft.
805	Charles Ondrusak	--	1946	61	14	61	Q1	680	34.44	Nov. 7, 1968	T, E	S, Irr	Well N3-58 in Texas Board of Water Engineers Bulletin 5203.

See footnotes at end of table.



## ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
ZK-77-04-806	J. D. Lambert	--	1947	72	12	72	Q1	680	--	--	T, E 25	Irr	--
807	do	--	1948	72	12	72	Q1	680	--	--	T, E 15	Irr	--
808	do	--	1947	72	12	72	Q1	680	--	--	T, E 10	Irr	--
* 809	do	--	--	70	16	70	Q1	676	25.15	Nov. 15, 1968	T, E 30	Irr	Pump set at 60 ft. Reported yield of 1,275 gpm. Temp. 75°F.
810	do	--	--	72	12	72	Q1	676	--	--	T, E 10	Irr	--
811	do	--	1947	72	12	72	Q1	679	25.50	Nov. 15, 1968	T, E 10	Irr	--
812	Deer Park Farms	--	--	960	12	960	Ec	700	--	--	T, E 125	Irr	Slotted from 760 to 960 ft. Pump set at 460 ft.
* 813	do	--	--	72	12	72	Q1	680	30.25	Feb. 25, 1969	T, E 20	Irr	Temp. 78°F.
814	do	--	--	1,025	12	1,025	Ec	680	--	--	T, E 125	Irr	Slotted from 750 to 950 ft. Open hole from 950 to 1,025 ft. Pump set at 470 ft.
815	Jack Bowman	J. W. Hickerson	1961	1,166	12	883	Ec	670	--	--	T, E 125	Irr	Perforated from 883 to 1,166 ft. Cemented 883 ft to surface. $\frac{1}{2}$
816	do	do	1965	1,191	12	901	Ec	670	--	--	T, E 125	Irr	Perforated from 901 to 1,191 ft. Cemented 901 ft to surface. $\frac{1}{2}$
* 817	J. D. Lambert	--	--	72	12	72	Q1	680	36.19	July 2, 1969	T, E 25	Irr	Slotted from 52 to 72 ft. Reported yield of 850 gpm. Temp. 74°F.
* 818	Harold Lloyd	J. W. Hickerson	1964	1,087	12	810	Ec	675	--	--	T, E 125	Irr	Perforated from 810 to 1,087 ft. Pump set at 450 ft. Reported yield of 1,002 gpm. Temp. 88°F. $\frac{1}{2}$
* 819	do.	J. Sellars	1948	71	16	71	Q1	675	32.12	Nov. 6, 1968	T, E 40	S, Irr	Well N3-109 in Texas Board of Water Engineers Bulletin 5203. Reported yield of 1,891 gpm. Temp. 74°F.
901	West and West Castle Co.	do	1948	77	12	77	Q1	670	--	--	T, E 40	Irr	Well N3-69 in Texas Board of Water Engineers Bulletin 5203.
902	do	E. and L. Drilling Co.	1947	68	12	68	Q1	670	--	--	T, E 15	Irr	Well N3-68 in Texas Board of Water Engineers Bulletin 5203.
903	do	J. Sellars	1948	68	12	68	Q1	670	--	--	T, E 15	Irr	Well N3-66 in Texas Board of Water Engineers Bulletin 5203.
904	do	do	1948	61	12	61	Q1	670	--	--	T, E 30	S, Irr	Well N3-67 in Texas Board of Water Engineers Bulletin 5203.
905	do	do	1948	71	12	71	Q1	670	--	--	T, E 20	D, Irr	Well N3-65 in Texas Board of Water Engineers Bulletin 5203.
906	do	--	1948	75	16	75	Q1	670	--	--	T, E 20	D, S Irr	Well N3-112 in Texas Board of Water Engineers Bulletin 5203.
09-101	Chaparrusa Ranch	--	1960	632	12	632	Ec	660	245 331.30	Aug. 15, 1960 Mar. 22, 1972	N	N	Slotted. Observation well. $\frac{1}{2}$ $\frac{3}{4}$

See footnotes at end of table.

ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* ZX-77-09-102	Chaparrosa Ranch	J. W. Hickerson	1964	600	16	600	Ec	660	169.25 163.70	Feb. 10, 1965 Mar. 16, 1972	T, Ng 200	Irr	Perforated from 75 to 600 ft. Pump set at 480 ft. Reported yield of 1,144 gpm. Temp. 75°F. Observation well. <u>1 2 3</u>
301	Bernard Nelson	do	1966	733	16	733	Ec	705	--	--	T, Ng 125	Irr	<u>1</u>
302	do	--	--	--	--	--	Ec	700	--	--	T, Ng 125	Irr	--
401	Chaparrosa Ranch	J. W. Hickerson	1964	615	16	615	Ec	600	337.68 346.00	Jan. 30, 1968 Mar. 16, 1972	T, Ng 200	Irr	Perforated from 540 to 615 ft. Pump set at 450 ft. Observation well. <u>1 3</u>
601	Sam Guyler	--	1951	951	12	951	Ec	695	405.80 416.67	Dec. 9, 1964 Feb. 29, 1968	T, Ng 100	Irr	Historical observation well.
703	Cecil Kirk	L. C. Gribbs	--	655	12	655	Ec	598	246.26	Feb. 21, 1968	T, Ng 100	Irr	--
704	Griffin and Brand Co.	Griffin and Brand Co.	1965	761	16	761	Ec	600	271.35 313.50	Feb. 8, 1968 Mar. 16, 1972	T, E 20	Irr	Slotted from 561 to 761 ft. Observation well. <u>3</u>
705	Cecil Kirk	--	--	--	--	--	Ec	598	--	--	T, Ng 100	Irr	--
706	do	--	--	--	--	--	Ec	598	256.00	Feb. 21, 1968	T, Ng 100	Irr	--
* 707	do	--	--	--	--	--	Ec	598	243.75	do.	T, Ng 100	Irr	Temp. 76°F.
* 708	Wymond Langley	--	1965	735	16	735	Ec	600	--	--	T, E 200	Irr	Reported yield of 1,505 gpm. Temp. 88°F.
* 709	do	J. W. Hickerson	1962	751	12	433 592 751	Ec, Ev1	600	--	--	T, Ng 225	Irr	Perforated from 433 to 751 ft. Reported yield of 991 gpm. Temp. 88°F. <u>1</u>
801	Cecil Hancock	--	--	--	--	--	Ec	590	--	--	T, G 100	Irr	--
10-101	Emma Mangum	--	--	600	10	--	Ec	680	97.5 102.9	Nov. 22, 1929 Mar. 23, 1932	C, W	S	Well N1-67 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
* 102	Byrd Farms	--	--	--	--	--	Ec	698	--	--	T, Ng 200	Irr	Pump set at 520 ft. Reported yield of 1,092 gpm. Temp. 84°F.
* 103	do	--	--	--	--	--	Ec	698	--	--	T, Ng	Irr	Reported yield of 1,047 gpm. Temp. 83°F.
104	Terrell C. Holliday	O. F. Webb	1952	735	12	550	Ec	715	379.50 384.17	Jan. 12, 1968 Mar. 17, 1972	T, Ng 150	Irr	Cemented from 550 ft to surface. Pump set at 500 ft. Observation well. <u>3</u>
* 105	do.	do	1952	735	12	550 735	Ec	720	--	--	T, Ng 200	Irr	Perforated from 850 to 735 ft. Cemented from 550 ft to surface. Pump set at 500 ft. Reported yield of 488 gpm. Temp. 84°F.
106	do	do	1952	735	12	550	Ec	710	--	--	T, Ng 125	Irr	Cemented from 550 ft to surface. Pump set at 500 ft.
301	Byrd Farms	--	--	--	--	--	Ec	650	--	--	T, Ng 150	Irr	--
* 302	do	--	--	--	--	--	Ec	662	--	--	T, Ng 150	Irr	Reported yield of 860 gpm. Temp. 87°F.

See footnotes at end of table.

## ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING (WLT)	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM-ETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
* ZX-77-10-401	Carter M. Wiltgen	J. W. Hickerson	1966	930	12	628	Ec	680	--	--	T, Mg 150	Irr	Slotted from 628 to 930 ft. Cemented from 600 ft to surface. Pump set at 450 ft. <u>y</u>
403	do	--	--	650	6	650	Ec	685	328.71 385.72	Feb. 11, 1970 Mar. 17, 1972	Sub, E 2	D, S	Observation well. <u>y</u>
* 601	G. B. K. Industrial Corp.	J. W. Hickerson	1961	1,053	12	1,053	Ec	635	221.65 382.00	Feb. 9, 1961 Dec. 17, 1962	T, Mg 200	Irr	Perforated from 781 to 1,053 ft. Reported yield of 838 gpm. Temp. 90°F. Historical observation well.
602	A. J. Plummer	Tom Leary	1913	987	6	987	Ec	615	72.60 59.40	Nov. 26, 1929 Nov. 4, 1931	--	N	Well N5-4 in Texas Board of Water Engineers Bulletin 5203. Perforated. Historical observation well.
w 603	Sol Freed	Pat McQuirt	1929	1,001	8	--	Ec	624	66.84 92.10	Nov. 27, 1929 Mar. 7, 1935	T, E	Irr	Well N5-7 in Texas Board of Water Engineers Bulletin 5203. Temp. 89°F. Historical observation well.
604	G. B. K. Industrial Corp.	Cribbs and Davidson	1930	900	12 8 6	267 650 900	Ec	625	351.57 243.36	Jan. 21, 1964 Mar. 17, 1972	T, Mg 200	Irr	Perforated from 652 to 900 ft. Observation well. <u>y y</u>
* 605	do	J. W. Hickerson	1961	1,093	12 10	826 1,093	Ec	620	--	--	T, Mg 200	Irr	Perforated from 826 to 1,093 ft. Reported yield of 1,043 gpm. Temp. 90°F.
606	do	do	1961	944	12 10	685 944	Ec	600	--	--	T, Mg 200	Irr	Perforated from 685 to 944 ft. Cemented from 685 ft to surface. Pump set at 540 ft.
* 609	do	do	1961	1,038	12 10	762 1,038	Ec	626	--	--	T, Mg 200	Irr	Perforated from 762 to 1,038 ft. Reported yield of 1,663 gpm. Temp. 90°F.
w 610	do	do	1961	989	12 10	764 989	Ec	650	--	--	T, Mg 200	Irr	Slotted from 764 to 989 ft. Reported yield of 903 gpm. Temp. 92°F.
* 611	do	J. D. Stripling	1929	903	10 8	642 903	Ec	626	--	--	T, Mg 200	Irr	Well N5-73 in Texas Board of Water Engineers Bulletin 5203. Perforated from 642 to 903 ft. Reported yield of 1,100 gpm. Temp. 90°F.
612	do	J. W. Hickerson	1961	975	12 10	708 975	Ec	620	--	--	T, Mg	Irr	Perforated from 708 to 975 ft. Cemented from 708 ft to surface. <u>y</u>
* 613	do	do	1961	1,038	12 10	813 1,038	Ec	626	--	--	T, Mg 200	Irr	Slotted from 813 to 1,038 ft. Reported yield of 1,057 gpm. Temp. 90°F.
* 614	do	do	1961	989	12 10	740 989	Ec	650	--	--	T, Mg 200	Irr	Perforated from 740 to 989 ft. Reported yield of 1,111 gpm. Temp. 92°F.
615	do	do	1961	955	12 10	692 955	Ec	620	--	--	T, Mg 200	Irr	Slotted from 692 to 955 ft. Pump set at 540 ft. <u>y</u>
616	do	do	1961	953	12 10	688 953	Ec	650	--	--	T, Mg 200	Irr	Perforated from 688 to 953 ft. Cemented from 638 ft to surface. Pump set at 766 ft. Reported yield of 1,000 gpm. <u>y</u>
701	--	R. E. Homer	1911	923	8	727	Ec	677	125.00 130.15	Dec. 23, 1929 Mar. 24, 1933	N	N	Well N4-8 in Texas Board of Water Engineers Bulletin 5203. Abandoned. Historical observation well.
702	Marvin Henderson	Cribbs and Davidson	1928	950	12 10 8	274 634 950	Ec	630	122.0 178.28 299.0	Oct. 3, 1929 Sept. 17, 1948 Oct. 14, 1954	T, Mg 70	Irr	Well N4-28 in Texas Board of Water Engineers Bulletin 5203. Historical observation well. <u>y</u>
801	Mrs. -- Hyman	--	--	--	8	--	--	607	85.80 58.38	Nov. 23, 1929 Aug. 29, 1934	--	N	Well N5-15 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
802	Nitche Brothers	I. C. Cribbs	1954	962	12	962	Ec	560	--	--	T, Mg	Irr	--

See footnotes at end of table.

ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
ZK-77-10-803	-- McLean	Hardy Robinson	1911	925	8	925	Ec	600	--	--	--	N	Well N5-17 in Texas Board of Water Engineers Bulletin 5203.
804	Genaro Fuentes	-- Morgan	1910	985	8	985	Ec	605	68.5	Nov. 29, 1929	N	N	Well N5-10 in Texas Board of Water Engineers Bulletin 5203. Abandoned.
805	Ezra Meister	Cribbs and Davidson	1928	858	10 8 6	251 430 858	Eb, Ec	608	--	--	T, G 100	N	Well N5-9 in Texas Board of Water Engineers Bulletin 5203. Perforated from 430 to 858 ft. Unused livestock and irrigation well. Temp. 79°F. <u>y</u>
901	A. N. Box	--	1909	1,000	8	--	Ec	600	142.96 263.33	Sept. 13, 1948 Mar. 4, 1951	C, W	S	Well N5-21 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
902	R. E. Compton	Hardy Robinson	1910	--	8	--	--	593	77.10 55.00	Nov. 23, 1929 Feb. 4, 1931	T	Irr	Well N5-20 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
* 903	A. N. Box	George Leonard	1911	260	6	260	Eep	600	--	--	N	N	Abandoned.
* 904	Robert P. Anderson	-- Cribbs	1910	1,007	8	888	Ec	605	--	--	T, Mg 200	S, Irr	Temp. 85°F.
905	-- Shellhammer	Hardy Robinson	1910	1,007	8	886	Ec	609	--	--	T, G 200	Irr	Well N5-19 in Texas Board of Water Engineers Bulletin 5203 and in Water-Supply Paper 1481. <u>y</u>
906	do	Cribbs and Davidson	1931	950	12 10 8	329 398 950	Eb, Ec	609	--	--	T, Mg 125	Irr	Well N5-76 in Texas Board of Water Engineers Bulletin 5203. Perforated from 398 to 950 ft. <u>y</u>
907	do	Ira Cribbs	1944	980	10 8 6	367 775 980	Ec	609	368.50 299.20	Feb. 4, 1969 Mar. 17, 1971	Sub, E	--	Well N5-98 in Texas Board of Water Engineers Bulletin 5203. Perforated from 775 to 980 ft. Observation well. <u>y</u> <u>z</u>
11-401	C. B. K. Industrial Corp.	J. W. Hickerson	1961	1,053	12 10	928 1,053	Ec	650	--	--	T, Mg 200	N	Unused irrigation well.
405	Del Monte Corp.	Wiegand Brothers	1948	1,150	12	940	Ec	640	--	--	T, Mg 225	Irr	Cemented from 940 ft to surface. Top of Carrizo Sand 940 ft. Pump set at 700 ft.
406	do	do	1948	1,200	12	933	Ec	640	--	--	T, Mg 225	Irr	Slotted. Top of Carrizo Sand 932 ft. Pump set at 700 ft. Development test: Drawdown of 37 ft while pumping 961 gpm on July 14, 1966.
* 601	-- Johnson	McKinley Drilling Co.	1949	1,200	12 8	300 1,200	Ec	703	309.15 324.10	Feb. 11, 1970 Mar. 20, 1972	T, G 100	Irr	Pump set at 550 ft. Temp. 94°F. Observation well. <u>z</u>
* 701	Del Monte Corp.	Wiegand Brothers	1946	1,163	12	934	Ec	632	165.7 421.35	Feb. 14, 1948 Feb. 10, 1965	T, Mg 225	Irr	Well N5-92 in Texas Board of Water Engineers Bulletin 5203. Slotted. Cemented from 930 ft to surface. Pump set at 700 ft. Reported yield of 798 gpm. Temp. 94°F. Historical observation well.
* 702	do	do	1948	1,150	12	1,150	Ec	633	179.00 172.03 321.2	Sept. 17, 1948 Aug. 10, 1949 Sept. 10, 1953	T, Mg 200	Irr	Well N5-87 in Texas Board of Water Engineers Bulletin 5203. Slotted from 897 to 1,150 ft. Top of Carrizo Sand 875 ft. Pump set at 700 ft. Reported yield of 1,540 gpm. Development test: Drawdown of 33 ft while pumping 1,018 gpm on July 14, 1966. Temp. 93°F. Historical observation well.
703	do	J. W. Hickerson	1967	1,120	16 12 10	918 -- 1,120	Ec	633	322.71 406.70	Feb. 9, 1970 Mar. 23, 1972	Sub, E 250	Irr	Perforated from 918 to 1,120 ft. Cemented from 918 ft to surface. Pump set at 700 ft. Reported yield of 961 gpm. Observation well. <u>y</u> <u>z</u>
704	do	L. S. D. Drillers	1946	1,193	12	944	Ec	633	165.3 367	Feb. 14, 1948 Sept. 14, 1966	T, Mg 200	Irr	Well N5-91 in Texas Board of Water Engineers Bulletin 5203. Pump set at 700 ft.

See footnotes at end of table.

## ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft.)			BELOW LAND-SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
# ZX-77-11-705	Del Monte Corp.	Wiegand Brothers	1946	1,143	13	935	sc	633	358.20	Dec. 29, 1968	T, E 150	Irr	Slotted. Cemented from 935 ft to surface. Pump set at 700 ft. Reported yield of 1,434 gpm. Temp. 92°F. Historical observation well.
706	do	do	1946	1,146	13	945	sc	633	--	--	Sub, E 150	Irr	Slotted. Cemented from 945 ft to surface. Reported yield of 735 gpm.
* 707	do	do	1948	1,151	12	920	sc	632	--	--	T, Ng 200	Irr	Slotted. Top of Carrizo Sand 915 ft. Reported yield of 1,505 gpm. Temp. 90°F.
708	do	do	1948	1,150	12	1,150	sc	632	--	--	T, Ng-200	Irr	Well N5-101 in Texas Board of Water Engineers Bulletin 5203. Slotted from 897 to 1,150 ft. Top of Carrizo Sand 930 ft. Pump set at 700 ft. Reported yield of 985 gpm. Development test: Drawdown of 18 ft while pumping 735 gpm on July 14, 1966.
709	Mrs. Ralph Walsh	--	--	--	--	--	sc	632	--	--	T, Ng 150	Irr	--
710	Del Monte Corp.	Wiegand Brothers	1948	1,152	12	897 1,152	sc	632	404	July 14, 1966	T, Ng 200	Irr	Well N5-100 in Texas Board of Water Engineers Bulletin 5203. Slotted from 920 to 1,152 ft. Top of Carrizo Sand 917 ft. Pump set at 700 ft. Reported yield of 985 gpm. Development test: Drawdown of 28 ft while pumping 1,045 gpm on July 14, 1966.
711	Mrs. Ralph Walsh	I. C. Cribbs	1948	1,180	12	1,180	sc	632	100.6	July 16, 1948	T	N	Well N5-89 in Texas Board of Water Engineers Bulletin 5203. Slotted from 903 to 1,180 ft. Unused irrigation well.
712	Evans and Wortham	--	--	--	12	--	sc	632	373.00	Jan. 25, 1968	T, Ng 200	Irr	--
713	do	--	--	--	--	--	sc	632	--	--	T, Ng 150	Irr	--
714	Fred Morgan	McKinley Drilling Co.	1953	1,208	12	850 1,208	sc	633	--	--	Sub, E	D, S	Slotted from 850 to 1,208 ft. Cemented from 850 ft to surface. Pump set at 480 ft.
715	do	do	1953	1,178	12	1,178	sc	633	--	--	T, E 200	Irr	Slotted from 850 to 1,178 ft. Cemented from 850 ft to surface. Top of Carrizo Sand 850 ft. Unused irrigation well.
716	W. H. Block	--	--	--	--	--	sc	632	--	--	T, Ng 200	Irr	Pump set at 600 ft. Temp. 92°F.
12-101	R. E. Knight	-- Haynes	1949	1,400	12	355 1,400	sc	700	--	--	T, Ng 145	N	Perforated from 1,200 to 1,400 ft. Unused irrigation well. Pump set at 520 ft. 2)
201	West and West Cattle Co.	--	--	26	--	--	Qa1	642	19.75 22.89 18.62	Jan. 30, 1946 Apr. 8, 1946 Mar. 5, 1947	C, W	S	Well N3-61 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
202	do	--	--	237	8	--	El	644	23.50 27.15	Jan. 30, 1946 Mar. 5, 1947	C, W	S	Well N3-62 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
301	C. N. Carmichael	--	--	33	8	--	Qa1	640	21.20 23.41 22.61	Jan. 30, 1946 Aug. 8, 1946 Mar. 5, 1947	C, W	D, S	Well N3-63 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
302	West and West Cattle Co.	--	--	52	8	--	Q1	636	44.76 59.76	Jan. 30, 1946 Mar. 5, 1947	C, W	S	Well N3-64 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.

See footnotes at end of table.

## ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
* ZX-77-12-701	W. L. Gates	--	--	47	--	--	E1	662	--	--	N	N	Well N6-1 in Texas Board of Water Engineers Bulletin 5203. Dug well.
13-101	West and West Cattle Co.	--	--	33	6	--	Qa1	621	28.17 27.60 38.70	Jan. 30, 1946 Aug. 8, 1946 Mar. 5, 1947	G, W	S	Historical observation well.
102	Rogers Ranch	--	--	66	36	--	Q1	615	28.64 30.18	Jan. 30, 1946 Mar. 5, 1947	G, W, C	D, S	Do.
17-101	Cecil Kirk	--	--	--	--	--	Ec	598	--	--	T, Ng	Irr	--
102	Harold Harkey	--	--	--	--	--	Ec	598	--	--	T, E 60	N	Unused irrigation well.
103	Jake Bookout	--	--	--	--	--	Ec	580	--	--	T, E 50	N	Do.
104	Cecil Kirk	Cecil Kirk	1964	568	10	568	Ec	598	247.0	Feb. 21, 1968	T, Ng 100	Irr	--
* 105	Malcolm Maedgen	Y. C. Cribbs	1952	618	12 10	314 618	Ec	600	228.3	Mar. 5, 1968	T, Ng 100	Irr	Perforated from 308 to 618 ft. Cemented from 314 ft to surface. Reported yield of 675 gpm. Temp. 86°F. <u>y</u>
* 106	do	do	1950	606	12 10	308 606	Ec	600	226.2	Mar. 5, 1968	T, Ng 100	Irr	Perforated from 297 to 606 ft. Cemented from 308 ft to surface. Reported yield of 914 gpm. Temp. 80°F. <u>y</u>
* 107	do	do	1958	600	10	600	Ec	600	221.6	do.	T, Ng 100	Irr	Reported yield of 802 gpm. Temp. 86°F.
201	S. L. Farmers Ranch Supply	do	1956	718	12 10	508 718	Ec	595	178.30 287.02	Dec. 16, 1960 Mar. 16, 1972	T, Ng 100	Irr	Observation well. <u>y</u>
202	Dudley Keller	Gribbs and Davidson	1928	820	10 8	309 560	Ec	629	--	--	T, Ng 100	Irr	Open hole from 565 to 820 ft. <u>y</u>
203	do	-- Sutton	1959	836	10	836	Ec	629	288.7	Mar. 20, 1968	T, Ng 100	Irr	Perforated from 690 to 810 ft. Cemented from 836 ft to surface.
* 204	S. L. Farmers Ranch Supply	--	1934	703	10 8	517 703	Ec	600	60	Dec. 8, 1937	T, E 75	Irr	Well N4-55 in Texas Board of Water Engineers Bulletin 5203 and in Water-Supply Paper 1481. Perforated from 517 to 703 ft. Temp. 81°F. <u>y</u>
301	Harvin C. Henderson	Gribbs and Davidson	1927	652	10 8 6	251 -- 652	Ec	618	--	--	N	N	Perforated from 505 to 652 ft.
304	Fred Winston	J. O. Mickerson	1964	948	12 10 8	712 758 948	Ec	600	--	--	T, G 100	Irr	Perforated from 712 to 948 ft. Cemented from 712 ft to surface. <u>y</u>
305	do	I. C. Cribbs	1956	880	12	893	Ec	600	--	--	T, G	Irr	Development test: Drawdown of 58 ft while pumping 952 gpm in Sept. 1956. <u>y</u>
401	W. W. Averhoff	Gribbs and Davidson	1938	520	10 8	133 380	Ec	590	--	--	T, Ng 200	S, Irr	Well N4-56 in Texas Board of Water Engineers Bulletin 5203.
402	W. W. Langley	George Leonard	1914	562	6	562	Ec	565	--	--	T, G 100	Irr	Well N4-40 in Texas Board of Water Engineers Bulletin 5203.
501	R. A. Gunther	--	1910	400	10 4	-- --	Ec	577	17.85 49.95	Oct. 30, 1929 Mar. 13, 1935	G, W	D, S	Well N4-41 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.

See footnotes at end of table.

## ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAM-ETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
ZX-77-17-502	Dudley Keller	--	1950	679	10	679	Ec	629	--	--	T, E 75	Irr	Perforated from 564 to 669 ft. Cemented from 679 ft to surface.
601	Charles Blankenberg	Cribbs and Davidson	--	948	10 8	754 948	Ec	582	91.0 276.1	Dec. 14, 1928 Sept. 21, 1955	T, G 100	S, Irr	Well N4-46 in Texas Board of Water Engineers Bulletin 5203. Perforated from 754 to 948 ft. Historical observation well. <u>y</u>
* 602	Charles Carr	--	--	--	--	--	Ec	590	--	--	T, Ng 200	Irr	Temp. 91°F.
* 603	Byrd Farms	Zavala Pump and Engine Co.	1967	917	16 10	725 917	Ec	565	--	--	T, Ng 200	Irr	Perforated from 725 to 917 ft. Cemented from 725 ft to surface. Top of Carrizo Sand 725 ft. Reported yield of 1,221 gpm. Temp. 92°F.
701	Frank Harris	--	--	--	8	--	--	591	21.9 35.70	Oct. 30, 1929 Jan. 21, 1936	N	N	Well N7-4 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
* 703	Joe Webb	Joe Webb	1904	450	10	50	Ec, Bwl	637	132 160.89 158.74	1953 Dec. 5, 1958 July 8, 1958	T, E 50	Irr	Pump set at 260 ft. Historical observation well.
707	Frank Harris	O. E. Webb	1947	485	10 8	385 485	Ec, Bwl	610	198.20 211.73	Feb. 25, 1969 Mar. 8, 1972	T, G 125	S, Irr	Well N7-178 in Texas Board of Water Engineers Bulletin 5203. Slotted from 385 to 485 ft. Observation well. <u>y</u>
708	Billy Acrc	Charley Lindenborn	1905	475	12	60	Ec, Bwl	610	--	--	T, E 30	S	Well N7-7 in Texas Board of Water Engineers Bulletin 5203.
709	do.	do	1906	450	8	150	Ec, Bwl	610	--	--	T, E 60	S	Well N7-9 in Texas Board of Water Engineers Bulletin 5203.
* 710	Joe Webb	do	1930	440	10	50	Bwl	637	--	--	T, G 100	S, Irr	Pump set at 260 ft. Reported yield of 554 gpm. Temp. 80°F.
* 902	Jim Ferguson, Jr.	J. W. Hickerson	1965	832	16 12	668 832	Ec	680	259.91 278.72	Jan. 11, 1969 Mar. 15, 1972	Sub, E	D, S	Slotted from 668 to 830 ft. Cemented from 668 ft to surface. Temp. 72°F. Observation well. <u>y</u>
18-101	William Donnell	I. L. Dingman	1927	976	12 8 6	200 -- --	Ec	605	86.89 220.84	Dec. 23, 1929 Feb. 11, 1965	N	N	Well N4-29 in Texas Board of Water Engineers Bulletin 5203. Abandoned. Historical observation well.
102	S. L. Hayes	--	1914	985	18 8 6	75 900 985	Ec	570	--	--	T, G 100	Irr	Perforated from 900 to 985 ft.
103	R. C. Tate	Cribbs and Davidson	1927	939	10 8 6	207 897 939	Ec	635	--	--	T, E 75	Irr	Well N4-33 in Texas Board of Water Engineers Bulletin 5203. Perforated from 897 to 939 ft. <u>y</u>
104	S. D. Butler	do	1933	960	10 8	729 960	Ec	536	346.0	Feb. 20, 1968	T, E 40	D, S	Well N4-53 in Texas Board of Water Engineers Bulletin 5203. Perforated from 729 to 960 ft. <u>y</u>
* 105	T. P. Alger	Floyd Tramm	1927	1,035	12 10 8	240 750 1,030	Ec	570	126	Oct. 3, 1929	T, G 100	Irr	Well N4-94 in Texas Board of Water Engineers Bulletin 5203. Perforated from 750 to 1,030 ft. Reported yield of 707 gpm. Temp. 85°F.
106	Roderick Bookout	Cribbs and Davidson	1928	960	10 8 6	254 554 960	Ec	570	--	--	T, Ng 100	Irr	--
107	O. L. Tolman	do	1929	950	10 8 6	331 742 950	Ec	540	--	--	T, Ng 100	Irr	Well N4-27 in Texas Board of Water Engineers Bulletin 5203. <u>y</u>

See footnotes at end of table.

SAVALA COUNTY

Table I. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASTING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		MTHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND SURFACE DATUM (ft)	DATE OF MEASUREMENT			
ZK-77-18-108	Joe Byrd	Ira Cribbs	1948	990	10	765	Ec	570	--	--	T, Ng 125	Irr	Well N5-81 in Texas Board of Water Engineers Bulletin 5203.
202	Richie Brothers	I. L. Dingman	1928	940	12	940	Ec	562	102.07 221.62	July 24, 1947 Sept. 17, 1951	T, E 100	Irr	Well N5-30 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
203	do	Cribbs and Davidson	1929	940	12 10 8	260 -- 940	Ec	570	74.58 243.28	Nov. 26, 1929 Sept. 17, 1951	T, E 70	Irr	Well N5-39 in Texas Board of Water Engineers Bulletin 5203. Perforated from 698 to 940 ft. Pump set at 350 ft. Historical observation well. <u>y</u>
204	do	--	1954	962	12 10	625 --	Ec	582	316.70	Feb. 8, 1968	T, E 100	Irr	Perforated. Pump set at 450 ft. <u>y</u>
301	B. A. Lay	Nardy Robinson	1910	--	--	--	Ec	577	309.73	Jan. 15, 1969	T	N	Unused irrigation well.
401	Del Monte Corp.	Layne-Texas Co.	1945	1,054	16 8	809 1,054	Ec	568	75 282.50	June 1946 Feb. 2, 1972	T, E 200	Ind	Slotted from 826 to 869 and 887 to 1,049 ft. Cemented from 709 ft to surface. Gravel packed. Pump set at 650 ft. Development test: Drawdown of 29 ft while pumping 680 gpm on July 14, 1964. Observation well. <u>y</u>
* 402	Merlin E. Gary	J. P. Jones	1918	976	6	976	Ec	560	--	--	T, Ng 100	D, S	Well N4-49 in Texas Board of Water Engineers Bulletin 5203. Reported yield of 567 gpm. Temp. 82°F.
403	Joe Laird	Tom Leary	1912	1,015	8 6	365 1,015	Ec	590	--	--	T, Ng 100	S, Irr	Well N4-48 in Texas Board of Water Engineers Bulletin 5203.
502	Warren Wagner	Cribbs and Davidson	1928	1,070	10 8 6	250 -- --	Ec	560	81.63 231.4	Nov. 27, 1929 Sept. 17, 1951	T, E 150	Irr	Well N5-55 in Texas Board of Water Engineers Bulletin 5203. Temp. 88°F. Historical observation well. <u>y</u>
* 503	City of Crystal City	McKinley Drilling Co.	1941	995	12	716	Ec	566	--	--	T, E 125	P	Perforated from 570 to 716 ft.
504	La Mantia Quality Vegetable Growers	Cribbs and Davidson	1929	1,030	12 8 6	219.5 790 1,030	Ec	560	84.5 381.47	Nov. 26, 1929 Mar. 7, 1967	T, E 40	Irr	Well N5-57 in Texas Board of Water Engineers Bulletin 5203. Perforated from 790 to 1,030 ft. Historical observation well.
505	Frank Johnson	do	1928	1,053	--	--	Ec	559	--	--	T, Ng 100	S	Well N5-53 in Texas Board of Water Engineers Bulletin 5203.
506	Warren Wagner	do	1926	1,147	10 8 6	264 900 1,147	Ec	540	--	--	T, E 75	Irr	Well N5-56 in Texas Board of Water Engineers Bulletin 5203. Perforated from 885 to 1,147 ft. <u>y</u>
507	do	J. W. Hickerson	1963	1,114	12 10 8	870 -- 1,114	Ec	540	--	--	T, E 75	Irr	Cemented from 870 ft to surface. <u>y</u>
508	B. R. Guyler	I. C. Cribbs	1945	1,130	12 10 8	-- -- --	Ec	560	85 295.04	Sept. 20, 1945 Mar. 22, 1972	Sub, E	Ind	Well N8-118 in Texas Board of Water Engineers Bulletin 5203. Observation well. <u>y</u>
509	Concepcion Gutierrez	Will Byrd	1911	955	6	665	Ec	580	--	--	N	N	Well N5-52 in Texas Board of Water Engineers Bulletin 5203. Abandoned.
510	City of Crystal City	Floyd Trimm	1927	1,050	12	566	Ec	556	--	--	T, E 200	P	Well N5-48 in Texas Board of Water Engineers Bulletin 5203. Reported yield of 1,089 gpm.
511	do	Ira Cribbs	1941	990	12 8	730 --	Ec	566	180	Feb. 2, 1948	T, E 200	P	Well N5-79 in Texas Board of Water Engineers Bulletin 5203. Development test: Drawdown of 14 ft while pumping 800 gpm in 1941. <u>y</u>

See footnotes at end of table.



## ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
ZK-77-18-512	City of Crystal City	--	1948	1,035	12	1,035	Ec	570	--	--	T, E 200	P	1/
513	Graeger Anderson	Cribbs and Davidson	1929	941	8 6	768 941	Ec	578	--	--	T	N	Well N5-34 in Texas Board of Water Engineers Bulletin 5203. Unused irrigation well. 1/
601	Bud Guyler	--	--	--	8	--	Ec	582	81.00 207.71	Nov. 16, 1929 Feb. 9, 1961	T, E 50	N	Well N5-60 in Texas Board of Water Engineers Bulletin 5203. Unused domestic and irrigation well. Historical observation well.
602	do	Floyd Trimm	1925	1,038	12	200	Ec	575	283.61 242.4	Oct. 7, 1954 July 9, 1958	N	N	Well N5-58 in Texas Board of Water Engineers Bulletin 5203. Temp. 88°F. Historical observation well.
604	Richtie Brothers	Cribbs and Davidson	1929	1,070	12 10 8	272 808 1,070	Ec	565	80.40 334.16	Nov. 26, 1929 Mar. 20, 1972	N	N	Well N5-40 in Texas Board of Water Engineers Bulletin 5203. Perforated. Cemented from 270 ft to surface. Temp. 87°F. Recorder observation well. 1/3/
605	La Mantia Quality Vegetable Growers	J. W. Hickerson	--	1,113	12	859 1,113	Ec	560	--	--	T, E 100	N	Perforated from 859 to 1,113 ft. Unused irrigation well. 1/
606	Warren Wagner	do	1963	1,172	12 10 8	970 -- 1,172	Ec	540	--	--	T, E 75	Irr	Cemented from 970 ft to surface. 1/
607	Mrs. -- Krebb	M. K. Bailey	1926	1,082	12 8 6	200 850 1,082	Ec	584	--	--	T, E 50	Irr	Well N5-42 in Texas Board of Water Engineers Bulletin 5203. Perforated from 850 to 1,082 ft. Temp. 89°F.
611	Wayne Miller	J. W. Hickerson	1962	1,082	14 10 8	700 -- 1,082	Ec	590	--	--	T, Ng 150	Irr	Cemented from 700 ft to surface. Pump set at 600 ft. 1/
804	Wagner Brothers	Cribbs and Davidson	1928	1,140	10 8 6	284 990 1,140	Ec	540	205.28	Jan. 31, 1968	N	N	Well N8-13 in Texas Board of Water Engineers Bulletin 5203. Perforated. 1/
805	Sam Ward	L. C. Cribbs	1946	1,120	12	812	Ec	561	100	Dec. 13, 1946	T, Ng 100	Irr	Well N8-120 in Texas Board of Water Engineers Bulletin 5203. Open hole from 812 to 1,120 ft.
901	Warren Wagner	R. F. Schroeder	1923	1,085	15 8 6	120 -- 1,085	Ec	570	78.15 102.50	Nov. 27, 1929 July 24, 1947	T, E 75	Irr	Well N8-7 in Texas Board of Water Engineers Bulletin 5203. Perforated from 865 to 1,085 ft. Historical observation well.
907	A. M. Harkey	L. D. Stripling	1930	1,114	10 8	275 805	Ec	585	--	--	T, Ng 100	Irr	Well N8-123 in Texas Board of Water Engineers Bulletin 5203. Open hole from 805 to 1,114 ft.
917	Tesoro Petroleum Corp.	Dixon Drilling Co.	1964	2,220	5	2,220	Ewl	570	--	--	Sub, E 80	Ind	Water used to repressure oil field. Drilled to 3,754 ft and plugged back to 2,220 ft. Perforated from 2,138 to 2,158 ft and 2,162 to 2,208 ft. Cemented from 2,262 ft to surface. Pump set at 2,037 ft. 2/
19-101	A. Wagner	H. Wendie Robinson	1912	--	8	--	Ec	614	105.15 86.32	Nov. 26, 1929 Aug. 16, 1939	C, W	S	Historical observation well.
102	Seth Young	Cribbs and Davidson	1934	1,160	12 10 8	325 904 1,160	Ec	615	75 318.30	Dec. 8, 1937 Mar. 17, 1971	Sub, E	Irr	Well N5-72 in Texas Board of Water Engineers Bulletin 5203. Perforated from 938 to 1,160 ft. Observation well. 1/2/
103	Evans and Wortham	do	1948	990	10 8	765 990	Ec	605	--	--	T, E 100	Irr	--

See footnotes at end of table.

## ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (Ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (Ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAH- WTER (In.)	DEPTH (Ft)			BELOW LAND-SURFACE DATUM (Ft)	DATE OF MEASUREMENT			
ZK-77-19-104	Evans and Wortham	McKinley Drilling Co.	1947	1,185	10	1,185	Ec	600	169	Nov. 1947	N	N	Well N5-85 in Texas Board of Water Engineers Bulletin 5203.
105	do	do	1946	1,200	12	1,200	Ec	600	--	--	T, E 100	Irr	Well N5-83 in Texas Board of Water Engineers Bulletin 5203.
106	do	do	1946	1,200	12	--	Ec	600	377.89	Jan. 25, 1968	T, E 125	N	Unused irrigation well.
107	do	Ira Cribbe	1947	1,215	12	1,215	Ec	600	169 380.91	Nov. 1947 Jan. 25, 1968	Sub, E	D, S	Well N5-86 in Texas Board of Water Engineers Bulletin 5203.
108	do	I. E. Cribbe	1954	--	--	--	Ec	590	--	--	T, Ng	Irr	Pump set at 600 ft.
109	do	do	1954	--	--	--	Ec	590	--	--	T, Ng 150	Irr	--
110	do	do	1954	--	12	--	Ec	590	--	--	N	N	Abandoned.
111	Seth Young	--	--	--	--	--	Ec	600	--	--	T, Ng 150	Irr	--
112	do	McKinley Drilling Co.	1962	1,125	12	800 975 8 1,125	Ec	600	--	--	T, Ng 150	Irr	Slotted from 975 to 1,125 ft. Cemented from 800 ft to surface. Development test: Drawdown of 175 ft while pumping 700 gpm in May 1962. <u>y</u>
113	B. A. Lny	Cribbe and Davidson	1950	1,140	12	447 10 884 8 1,140	Ec	585	--	--	T, E 75	N	Perforated from 884 to 1,140 ft. Unused irrigation well. <u>y</u>
114	do	do	1950	1,180	12	425 10 902 8 1,180	Ec	600	190	May 22, 1950	T, E 75	N	Perforated from 880 to 1,180 ft. Unused irrigation well. <u>y</u>
201	George Harkley	--	--	930	12	650	Ec	585	277.03 243.95	July 9, 1958 Feb. 9, 1961	T, G 80	N	Well N5-31 in Texas Board of Water Engineers Bulletin 5203. Unused irrigation well. Historical observation well.
202	Bubbs Day	--	1954	1,215	12	1,215	Ec	589	351.44 340.59	Jan. 29, 1969 Mar. 23, 1972	T, G 120	S, Irr	Slotted from 1,100 to 1,215 ft. Pump set at 650 ft. Observation well. <u>y</u>
203	do	--	1954	1,195	12	1,195	Ec	602	--	--	T, G 120	S, Irr	Slotted from 1,095 to 1,195 ft. Pump set at 350 ft.
401	Chester Eavcin	Cribbe and Davidson	1932	1,228	12	361 8 593 6 1,228	Ec	580	--	--	Sub, E	D, S	Perforated from 936 to 1,228 ft. Cemented from 936 ft to surface. Pump set at 600 ft. <u>y</u>
402	do	do	1932	1,225	12	361 8 645 6 1,225	Ec	580	--	--	N	N	<u>y</u>
403	do	do	1942	1,200	12	290 8 934 6 1,200	Ec	580	--	--	--	Irr	Perforated from 903 to 1,200 ft. <u>y</u>
404	Gufna W. Casey	--	--	--	--	--	Ec	580	--	--	T, Ng	Irr	--
405	do	--	--	--	--	--	Ec	580	--	--	T, Ng 100	Irr	--
406	Oren Corp.	--	--	--	--	--	Ec	480	--	--	T, Ng 100	Irr	Pump set at 600 ft.

See footnotes at end of table.

## ZAVALA COUNTY

Table 1. -- Records of Selected Water Wells -- Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft)	CASING		WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
					DIAMETER (in.)	DEPTH (ft)			BELOW LAND-SURFACE DATUM (ft)	DATE OF MEASUREMENT			
v ZX-77-19-705	Wallace Martin	--	1932	--	--	--	Ec	582	328.2	Mar. 14, 1968	T, Ng 150	Irr	Temp. 90°F.
706	do	--	1932	--	--	--	Ec	582	315.42	do.	T, Ng 150	Irr	--
707	do	--	--	--	--	--	Ec	585	--	--	T, Ng 150	Irr	--
708	Paul Little	--	1953	--	--	--	Ec	565	--	--	T, Ng 150	Irr	--
709	do	--	--	--	--	--	Ec	565	--	--	T, Ng 150	Irr	--
710	do	--	--	--	--	--	Ec	565	--	--	T, Ng 150	Irr	--
* 711	do	--	--	--	--	--	Ec	565	--	--	T, Ng 100	Irr	Temp. 96°F.
712	Guinn W. Casey	McKinley Drilling Co.	--	--	--	--	Ec	568	--	--	T, Ng	Irr	--
713	do	--	--	--	--	--	Ec	568	--	--	T, Ng 100	Irr	--
801	Paul Little	I. C. Cribbs	1954	1,310	10 8	748 1,280	Ec	564	331.60 353.86	Mar. 28, 1968 Mar. 17, 1972	N	N	Perforated from 728 to 1,260 ft. Observation well. <u>1</u> <u>3</u>
* 803	Fred Miller	J. W. Hickerson	1964	1,307	16 12	951 1,307	Ec	563	--	--	T, Ng 100	Irr	Perforated from 951 to 1,307 ft. Pump set at 650 ft. Reported yield of 2,080 gpm. Temp. 97°F. <u>1</u>
* 804	do	McKinley Drilling Co.	1952	1,300	12 8	450 1,100	Ec	563	352.4	Mar. 28, 1968	T, Ng 150	N	Well 88-129 in Texas Board of Water Engineers Bulletin 5203. Slotted from 1,055 to 1,295 ft. Open hole from 1,295 to 1,300 ft. Unused irrigation well. Pump set at 600 ft. Reported yield of 370 gpm. Temp. 97°F.
806	Paul Little	--	--	--	--	--	Ec	565	--	--	T, Ng 150	Irr	--
20-101	Mrs. Norman W. Gates	Dixon Drilling Co.	1962	4,698	5	1,350	Ec	640	370.7 361.85	Dec. 10, 1964 Mar. 20, 1972	C, W	S	Observation well. <u>3</u>
801	S. A. Armstrong	--	--	2,000	6	--	Ec	557	51.35 86.12	Jan. 31, 1930 Feb. 9, 1965	C, W, G	D, S	Well N9-2 in Texas Board of Water Engineers Bulletin 5203. Historical observation well.
21-201	W. A. Earnest	McKinley Drilling Co.	1956	1,869	12 10	496 1,809	Ec	575	207.90 291.76	Nov. 17, 1960 Mar. 16, 1966	T, E 125	Irr	Cemented from 1,500 ft to surface. Reported yield of 1,450 gpm. Historical observation well.

\* For chemical analyses of water, see Table 4.  
 Drillers' log in files of the Texas Water Development Board.  
 Mechanical logs in files of the Texas Water Development Board.  
 For water-level measurements from observation wells, see Table 3.

# ZAVALA COUNTY

## Table 2.—Selected Oil, Gas, and Stratigraphic Tests

Type Log: D, Drillers'; E, Electric; R, Radioactive; S, Sample.  
Logs in Texas Water Development Board files

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
ZX-69-58-501	W. J. Steeger, et al.	Mary C. Smyth No. 1	1961	4,699	786	E
602	Jergins Oil Co.	Ike T. Pryor No. 1	1947	3,519	784	E
603	Serba Oil Co.	Ike T. Pryor No. B-7	1962	1,476	850	E
714	Texas Water Development Board	Texas Water Development Board No. 7-2	1971	231	800	D, R, E, S
59-702	Serba Oil Co.	Ike T. Pryor No. C-2	1961	929	825	E
703	Quintin Little	Lee Estate No. 5	1967	1,750	902	E
60-706	Intex Oil Co.	Joe W. Vanham, Jr. No. 1	1963	2,277	775	E
904	J. J. Cody	W. R. Capps No. 1	1961	1,243	826	E
905	Magnolia Petroleum Co.	Roy Capps No. 1	1948	3,894	790	E
61-401	Humble Oil and Refining Co.	E. D. Kincaid, Sr. No. 2	1962	2,063	780	E
820	Wilcox Oil and Gas Co.	W. D. Kincaid No. 1	1939	3,549	735	E
76-16-302	Norton Oil Co. and V. P. Grage	R. W. Norton No. 6	1958	3,387	644	E
806	Sutton Producing Co.	— Van Cleve No. 1	1955	2,760	623	E
24-301	Petroleum Investment Co.	J. C. Flanagan No. 1	1962	3,225	588	E
613	W. J. Steeger, et al.	Norvel Chittim No. 2	1963	3,344	642	E
77-01-202	W. J. Steeger	J. L. Matthews, et al. No. 1	1960	2,197	751	E
406	F. M. Ginther	Bebe Mathews No. 1	1945	2,503	727	E
801	Jones and O'Brien, Inc.	Joseph L. Matthews No. 3	1959	3,500	671	E
901	San Miguel Lease and Royalty Co.	James L. Matthews No. C-1	1958	2,870	709	E
02-510	Humble Oil and Refining Co.	Ike Pryor Estate No. 1	1944	5,867	726	E
511	Serba Oil and Gas Co.	Emma Pryor-Mangum No. 43-1	1962	2,846	705	E
03-501	S. H. Howell	T. R. Price No. 1	1948	4,403	780	E
801	Lipan Oil Co.	Elizabeth Bartlett No. 2	1963	5,886	718	E
04-205	Seaboard Oil Co.	J. F. Webb No. 1	1956	3,004	742	E
438	C. C. Winn	— Caldwell No. 1	1962	3,332	682	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Zavala County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
ZX-77-04-439	C. C. Winn	-- Baxter No. 1	1962	3,345	690	E
519	do.	R. Kirchner No. 1	1956	3,050	685	E
520	do.	-- Boykin No. 1	1962	3,416	698	E
720	do.	Jack Lee No. 1	1962	3,545	686	E
721	do.	-- Truitt No. 1	1963	3,649	660	E
05-801	Northern Natural Gas Producing Co. and Phillips and Stringer	Russell K. Dunbar No. 2	1959	4,300	650	E
09-602	General Crude Oil Co.	Sam Guyler No. 1	1959	4,512	680	E
603	C. C. Winn	John Scoggins No. 1	—	2,333	698	E
604	do.	-- Scroggins No. 5	1962	3,521	716	E
710	Calvin Michelson	A. Von Rosenberg, et al. No. 1	1963	3,410	620	E
901	O. N. Bear and Mel Dar Corp.	H. G. Alexander No. 1	1962	3,655	642	E
902	Sun Oil Co.	Cross S Ranch No. 1	1963	3,637	659	E
10-107	Paul Little	John Scoggins No. 1	1961	3,700	679	E
201	C. C. Winn	Ike T. Pryor, Jr., et al. No. 1	1961	3,495	636	E
303	do.	-- Pryor No. 11	1962	3,185	664	E
501	The Texas Co.	-- Spencer No. 1	1947	3,800	605	E
703	Colton and Colton, et al.	Cross S Ranch No. 1-B	1960	3,710	635	E
704	The Texas Co.	Cross S Ranch No. 3	1947	3,750	621	E
705	do.	Cross S Ranch No. 1	1946	4,302	634	E
707	do.	Northeastern Farming Co. No. 1	1946	3,372	635	E
709	do.	Moore Farm Unit No. 1	1947	3,401	674	E
806	Adams and Lyles	Holsornbach and Butler No. 1	1947	1,413	595	E
807	The Texas Co.	Frank Newton No. 1	1947	4,096	589	E
908	C. C. Winn	R. G. Havens No. 1	—	4,050	609	E
909	do.	Bracero No. 7	1961	3,952	610	E
11-101	Texaco, Inc.	Head and Farenthold No. 1	1963	3,810	680	E
301	The Superior Oil Co.	S. S. Cassin No. 1	1965	5,020	696	E
302	do.	Ada Hammond No. 1	1965	4,000	706	E
303	do.	Ada Hammond No. A-1	1965	3,500	716	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Zavala County--Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
ZX-77-11-407	C. C. Winn	H. & F. Properties No. 33-1	1961	3,835	644	E
801	do.	— Holdsworth No. 4-36	—	1,744	609	E
901	General Crude Oil Co.	— Holdsworth No. 1	1960	5,518	658	E
12-801	Rock Hill Oil Co., et al.	E. Holdsworth	1950	7,253	702	E
901	R. L. Scheig, et al.	E. Howett No. 1	1962	4,349	720	E
13-201	Northern Natural Gas Producing Co. and Phillips and Stringer	Russell K. Dunbar No. 1	1959	4,373	618	E
801	The Texas Co.	National Bank of Commerce No. 1	1945	4,933	659	E
802	do.	George W. West No. 5	1946	4,380	688	E
803	do.	George W. West No. 4	1946	4,445	654	E
17-108	W. J. Steeger, et al.	J. K. Ware No. 1	1958	3,512	587	E
109	do.	J. K. Ware No. 2	1958	3,350	587	E
110	Skelly Oil Co.	J. K. Ware No. 1	1958	3,764	592	E
111	do.	J. K. Ware No. 3	1958	3,329	599	E
112	W. J. Steeger, et al.	J. K. Ware No. 7	1959	3,425	581	E
113	Skelly Oil Co.	J. C. Flanagan No. 1	1958	3,430	599	E
114	C. C. Winn	Flanagan and Kirk No. 1	1961	3,095	585	E
115	do.	W. O. Kirk No. 1	1961	3,736	585	E
205	W. J. Steeger	Ben Wilson No. 2	1962	3,600	575	E
503	Garr and Wooley	F. D. Keller No. 1	1952	6,324	588	E
18-205	William H. Spice, Jr., Trustee	J. R. Gullick No. 1	1958	3,947	593	E
609	C. C. Winn and George Musselman	— Compton No. 1	1958	4,475	564	E
610	Humble Oil and Refining Co.	Marrs McLean No. 1	1946	5,000	581	E
19-115	C. C. Winn	Cross S Ranch No. 1	1961	4,394	583	E
116	do.	Cross S Ranch No. 91-1	1962	4,445	620	E
117	do.	M. D. Ray No. 1	1960	4,514	585	E
501	do.	Delhi Von Atta No. 77-2	1963	4,101	570	E
601	do.	— Delhi No. 5	1962	4,268	615	E
808	Paul Little	Ray McGlothlin No. 1	1961	4,711	555	E
809	C. C. Winn	— Delhi No. 77-1	1963	4,736	550	E

Table 2.—Selected Oil, Gas, and Stratigraphic Tests in Zavala County—Continued

WELL	OPERATOR	LEASE AND WELL	DATE DRILLED	DEPTH (FT)	APPROXIMATE LAND SURFACE ELEVATION (FT)	TYPE LOG
ZX-77-20-102	Ancon Oil and Gas Co. and Robert Beamon	N. W. Gates No. 1	1962	4,813	636	E
901	Sun Oil Co.	Jeff Baggett No. 1	1969	5,600	643	E
902	do.	Erin Bain Jones No. 1	1969	5,500	595	E
903	do.	Erin Bain Jones "A" No. 1	1969	5,875	628	E
21-101	Rio Gas Gathering Co., et al.	W. D. Glasscock No. 1	1961	4,366	658	E
202	Frank C. Kallina and Ralph Evans and L. B. Horn, et al.	Alphonse Krawetz No. 1	1962	4,652	644	E
701	Sun Oil Co.	Mollie Lasater No. 1	1970	5,905	662	E
702	do.	John Baggett No. 2	1970	5,650	643	E
802	do.	John N. Garner Estate No. 2	1971	6,000	617	E

# ZAVALA COUNTY

## Table 3.—Water Levels in Selected Wells

Water-level measurements, in feet, above (+) or below land surface.

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZX-69-57-903</b>		<b>Well ZX-69-58-701—Continued</b>		<b>Well ZX-69-58-701—Continued</b>	
Owner: George Perkins		Sept. 29, 1960	136.39	Sept. 17, 1968	131.78
July 9, 1958	92.42	Feb. 7, 1961	136.40	Nov. 26, 1968	131.81
Sept. 30, 1960	89.36	Feb. 14, 1962	135.57	Dec. 19, 1968	131.86
Feb. 7, 1961	89.45	Dec. 19, 1962	134.76	Jan. 28, 1969	132.02
Feb. 14, 1962	90.28	Sept. 26, 1963	134.14	Mar. 27, 1969	132.07
Dec. 19, 1962	90.53	Nov. 14, 1963	134.01	May 14, 1969	131.41
Jan. 20, 1964	91.82	Jan. 20, 1964	133.85	July 30, 1969	134.64
Feb. 10, 1965	94.48	Mar. 25, 1964	133.72	Sept. 26, 1969	132.27
Mar. 15, 1966	92.25	May 21, 1964	133.75	Oct. 22, 1969	131.81
Mar. 7, 1967	91.98	July 27, 1964	133.73	Nov. 21, 1969	132.30
Feb. 15, 1968	90.50	Sept. 30, 1964	133.76	Dec. 16, 1969	132.33
Feb. 3, 1969	91.22	Nov. 16, 1964	133.64	Jan. 22, 1970	132.20
Jan. 27, 1970	90.06	Feb. 10, 1965	133.20	Feb. 18, 1970	132.19
Mar. 4, 1970	89.90	Mar. 29, 1965	132.94	Mar. 23, 1970	132.10
Mar. 26, 1971	88.33	May 17, 1965	132.55	Apr. 22, 1970	132.14
Mar. 9, 1972	86.68	July 26, 1965	132.45	May 20, 1970	132.47
<b>Well ZX-69-58-701</b>		Sept. 22, 1965	133.11	June 23, 1970	132.26
Owner: George Vickery		Nov. 17, 1965	132.31	July 23, 1970	132.24
Oct. 4, 1954	132.50	Jan. 25, 1966	132.37	Aug. 20, 1970	132.25
Oct. 12, 1954	132.39	Mar. 15, 1966	132.28	Sept. 21, 1970	132.30
Mar. 23, 1955	132.57	May 25, 1966	132.36	Oct. 19, 1970	132.35
Sept. 22, 1955	133.15	July 25, 1966	132.31	Nov. 18, 1970	132.49
Sept. 18, 1956	134.95	Sept. 20, 1966	132.14	Dec. 21, 1970	132.32
July 9, 1957	135.92	Nov. 15, 1966	132.39	Jan. 21, 1971	132.37
June 4, 1958	136.29	Jan. 20, 1967	131.87	Feb. 25, 1971	132.30
June 26, 1958	136.27	Mar. 7, 1967	131.92	Mar. 26, 1971	132.37
July 9, 1958	136.24	May 23, 1967	131.98	Apr. 19, 1971	140.35
Oct. 26, 1959	136.73	July 18, 1967	131.94	May 21, 1971	137.41
Nov. 25, 1959	136.71	Nov. 13, 1967	130.70	June 17, 1971	132.39
Dec. 22, 1959	136.67	Nov. 16, 1967	130.79	July 22, 1971	132.41
Jan. 25, 1960	136.61	Dec. 15, 1967	131.69	Aug. 19, 1971	132.38
Feb. 24, 1960	136.64	Jan. 30, 1968	134.00	Sept. 22, 1971	132.35
Mar. 23, 1960	136.54	Mar. 20, 1968	132.79	Oct. 18, 1971	137.19
Apr. 25, 1960	136.49	May 22, 1968	131.57	Nov. 23, 1971	132.15
		July 14, 1968	131.56	Dec. 20, 1971	132.03



Table 3.—Water Levels in Selected Wells in Zavala County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZX-69-58-701—Continued</b>		<b>Well ZX-69-58-801</b>		<b>Well ZX-69-58-801—Continued</b>	
Jan. 24, 1972	133.04	Owner: Walker Brothers		Jan. 24, 1952	66.43
Feb. 24, 1972	138.33	Dec. 27, 1946	61.9	Feb. 22, 1952	66.87
Mar. 21, 1972	131.74	Sept. 17, 1948	60.04	Mar. 26, 1952	67.21
<b>Well ZX-69-58-704</b>		Oct. 12, 1948	60.50	Apr. 21, 1952	67.49
Owner: George C. Tondra		Nov. 10, 1948	61.31	May 26, 1952	67.88
Mar. 15, 1966	158.70	Dec. 27, 1948	61.92	June 25, 1952	68.96
Feb. 15, 1968	160.58	Jan. 20, 1949	62.10	July 24, 1952	66.44
Feb. 3, 1969	176.97	Mar. 7, 1949	59.10	Aug. 22, 1952	66.68
Jan. 27, 1970	168.69	Apr. 18, 1949	58.37	Sept. 25, 1952	67.15
Mar. 4, 1970	161.32	May 10, 1949	58.27	Oct. 23, 1952	67.58
<b>Well ZX-69-58-707</b>		June 15, 1949	58.22	Nov. 24, 1952	68.07
Owner: D. J. Elrod		July 17, 1949	58.44	Dec. 21, 1952	68.40
Apr. 8, 1948	146.00	Aug. 10, 1949	58.75	Jan. 23, 1953	68.87
Jan. 14, 1969	163.02	Sept. 22, 1949	57.92	Feb. 24, 1953	69.23
Mar. 4, 1970	157.34	Oct. 29, 1949	57.91	Mar. 24, 1953	69.50
Mar. 18, 1971	170.20	Nov. 29, 1949	58.13	Apr. 23, 1953	69.89
Mar. 9, 1972	157.32	Jan. 25, 1950	58.31	May 25, 1953	69.73
<b>Well ZX-69-58-715</b>		Mar. 9, 1950	58.72	June 24, 1953	70.58
Owner: Texas Water Development Board		Apr. 6, 1950	59.11	July 23, 1953	71.02
Apr. 2, 1971	72.40	May 2, 1950	59.38	Aug. 26, 1953	72.88
Apr. 19, 1971	83.83	June 7, 1950	59.43	Sept. 11, 1953	71.22
May 21, 1971	83.95	July 10, 1950	60.53	Oct. 26, 1953	68.74
June 17, 1971	83.98	Aug. 3, 1950	61.36	Nov. 24, 1953	69.23
July 22, 1971	83.93	Sept. 5, 1950	62.22	Dec. 20, 1953	67.21
Aug. 19, 1971	83.90	Oct. 3, 1950	62.55	Jan. 26, 1954	67.29
Sept. 22, 1971	83.98	Nov. 2, 1950	62.75	Feb. 24, 1954	67.52
Oct. 18, 1971	83.83	Dec. 8, 1950	62.96	Mar. 23, 1954	67.90
Nov. 23, 1971	83.88	Jan. 13, 1951	63.21	Apr. 27, 1954	68.37
Dec. 20, 1971	83.82	Feb. 11, 1951	63.38	May 26, 1954	68.81
Jan. 24, 1972	83.66	Apr. 4, 1951	63.63	June 24, 1954	67.35
Feb. 24, 1972	83.53	May 4, 1951	63.39	July 24, 1954	64.41
Mar. 21, 1972	83.48	June 1, 1951	63.50	Aug. 28, 1954	63.91
		July 10, 1951	63.79	Sept. 28, 1954	64.46
		July 31, 1951	63.88	Oct. 25, 1954	65.03
		Sept. 17, 1951	64.82	Dec. 21, 1954	66.09
		Oct. 24, 1951	65.41	Jan. 21, 1955	66.74
		Nov. 21, 1951	65.69	Feb. 25, 1955	67.29
		Dec. 21, 1951	66.10	Mar. 23, 1955	67.76

Table 3.—Water Levels in Selected Wells in Zavala County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZX-69-58-801—Continued</b>		<b>Well ZX-69-58-801—Continued</b>		<b>Well ZX-69-58-801—Continued</b>	
Apr. 23, 1955	68.30	June 4, 1958	60.17	Feb. 3, 1969	60.90
May 24, 1955	68.87	June 26, 1958	58.37	Jan. 27, 1970	59.40
June 24, 1955	69.39	July 9, 1958	57.34	Mar. 4, 1970	59.49
July 24, 1955	69.95	July 28, 1958	58.14	Mar. 26, 1971	60.74
Aug. 25, 1955	70.58	Aug. 25, 1958	58.58	Mar. 9, 1972	59.40
Sept. 22, 1955	71.97	Sept. 25, 1958	57.18		
Oct. 25, 1955	68.59	Oct. 27, 1958	57.53	<b>Well ZX-69-59-401</b>	
Nov. 22, 1955	66.82	Nov. 25, 1958	57.56	Owner: Robert Evans	
Dec. 20, 1955	64.98	Dec. 21, 1958	57.81	Jan. 30, 1946	94.98
Jan. 22, 1956	64.89	Jan. 22, 1959	58.18	Aug. 7, 1946	96.49
Feb. 21, 1956	65.27	Feb. 23, 1959	58.40	Mar. 5, 1947	96.12
Mar. 23, 1956	65.58	Mar. 25, 1959	58.53	Feb. 14, 1962	116.37
Apr. 24, 1956	66.11	Apr. 26, 1959	58.73	Dec. 18, 1962	109.22
May 24, 1956	66.60	May 25, 1959	58.69	Jan. 20, 1964	101.64
June 23, 1956	67.12	June 23, 1959	58.47	Feb. 8, 1965	110.97
July 24, 1956	67.82	July 26, 1959	57.55	July 26, 1965	112.28
Aug. 24, 1956	68.38	Aug. 25, 1959	57.96	Sept. 22, 1965	125.20
Sept. 21, 1956	68.80	Sept. 24, 1959	58.30	Nov. 17, 1965	108.33
Oct. 29, 1956	69.48	Oct. 26, 1959	57.57	Jan. 25, 1966	104.14
Nov. 22, 1956	70.01	Nov. 25, 1959	57.95	Mar. 17, 1966	116.04
Dec. 20, 1956	70.53	Dec. 22, 1959	58.17	May 25, 1966	120.19
Jan. 21, 1957	70.84	Jan. 25, 1960	58.28	July 25, 1966	112.42
Feb. 24, 1957	71.84	Feb. 24, 1960	58.42	Sept. 20, 1966	109.25
Mar. 25, 1957	71.65	Mar. 23, 1960	58.56	Nov. 15, 1966	106.00
Apr. 25, 1957	72.00	Apr. 25, 1960	58.61	Jan. 20, 1967	105.56
May 29, 1957	70.53	June 23, 1960	58.87	May 23, 1967	109.85
June 24, 1957	65.01	July 25, 1960	58.77	July 18, 1967	126.69
July 23, 1957	62.59	Aug. 24, 1960	58.28	Sept. 29, 1967	114.33
Aug. 27, 1957	63.04	Sept. 21, 1960	58.93	Nov. 14, 1967	114.77
Sept. 29, 1957	63.36	Sept. 30, 1960	58.90	Jan. 30, 1968	124.31
Oct. 28, 1957	63.15	Feb. 7, 1961	58.37	Mar. 20, 1968	120.61
Nov. 29, 1957	63.20	Feb. 14, 1962	59.10	May 21, 1968	119.18
Dec. 29, 1957	63.54	Dec. 19, 1962	60.58	Sept. 19, 1968	120.21
Jan. 29, 1958	63.99	Jan. 20, 1964	62.71	Nov. 27, 1968	118.16
Feb. 26, 1958	64.08	Feb. 10, 1965	60.10	Dec. 18, 1968	133.32
Mar. 26, 1958	62.85	Mar. 15, 1966	61.75	Jan. 29, 1969	120.13
Apr. 28, 1958	60.67	Mar. 7, 1967	64.40	Mar. 28, 1969	119.64
May 27, 1958	60.07	Feb. 15, 1968	60.28	May 15, 1969	119.42

**Table 3.—Water Levels in Selected Wells in Zavala County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZX-69-59-401—Continued</b>		<b>Well ZX-69-59-912</b>		<b>Well ZX-69-61-525</b>	
July 30, 1969	121.63	Owner: Mrs. Garland Hunter		Owner: Texas Water Development Board	
Sept. 26, 1969	101.03	Mar. 14, 1968	146.65	Apr. 20, 1971	184.64
Oct. 22, 1969	97.18	Mar. 10, 1970	140.88	May 21, 1971	186.62
Nov. 21, 1969	96.71	Mar. 21, 1972	83.46	June 18, 1971	187.31
Dec. 15, 1969	96.05	<b>Well ZX-69-60-201</b>		July 23, 1971	184.09
Jan. 22, 1970	100.49	Owner: E. D. Kincaid		Aug. 20, 1971	181.65
Feb. 18, 1970	98.18	Apr. 16, 1970	197.39	Sept. 22, 1971	181.07
Mar. 23, 1970	96.92	Apr. 1, 1971	201.54	Oct. 19, 1971	180.36
Apr. 22, 1970	96.60	Mar. 13, 1972	201.89	Nov. 23, 1971	180.19
May 20, 1970	96.38	<b>Well ZX-69-61-502</b>		Dec. 21, 1971	179.66
June 23, 1970	96.35	Owner: Herbert Dirksen		Jan. 24, 1972	179.22
July 23, 1970	98.89	1944	88	Feb. 25, 1972	182.22
Aug. 21, 1970	96.00	Aug. 19, 1952	106.31	Mar. 23, 1972	180.43
Oct. 20, 1970	95.75	Nov. 12, 1953	114.7	<b>Well ZX-76-08-503</b>	
Nov. 19, 1970	95.62	Oct. 12, 1954	111.75	Owner: Chaparrosa Ranch	
Dec. 21, 1970	95.58	Nov. 17, 1960	140.31	Mar. 15, 1966	75.86
Jan. 21, 1971	95.55	Feb. 11, 1961	137.17	Feb. 15, 1968	78.14
Feb. 25, 1971	95.41	Jan. 20, 1964	154.8	Feb. 4, 1969	79.94
Mar. 24, 1971	95.38	Feb. 24, 1965	161.45	Jan. 28, 1970	77.42
Apr. 19, 1971	95.32	Mar. 17, 1966	164.49	Mar. 10, 1970	78.27
May 21, 1971	130.48	Mar. 7, 1967	183.28	Mar. 18, 1971	78.70
June 17, 1971	98.13	Feb. 16, 1968	185.60	Mar. 9, 1972	123.66
July 23, 1971	95.43	Feb. 3, 1969	186.66	<b>Well ZX-76-24-201</b>	
Aug. 19, 1971	94.10	Jan. 28, 1970	182.80	Owner: J. W. Stuart	
Sept. 20, 1971	94.63	Mar. 10, 1970	184.75	July 23, 1947	61.40
Oct. 18, 1971	94.10	Apr. 1, 1971	191.76	Sept. 16, 1948	71.72
Nov. 24, 1971	94.43	Mar. 13, 1972	189.62	Aug. 11, 1949	71.70
Dec. 21, 1971	94.57	<b>Well ZX-69-61-517</b>		Aug. 16, 1950	73.96
Jan. 24, 1972	94.11	Owner: E. D. Kincaid		Sept. 12, 1951	74.20
Feb. 24, 1972	94.14	Aug. 6, 1962	145	Aug. 20, 1952	91.19
Mar. 21, 1972	94.21	Apr. 16, 1970	174.81	Sept. 10, 1953	101.10
<b>Well ZX-69-59-904</b>		Apr. 1, 1971	180.14	Oct. 6, 1954	104.22
Owner: L. D. Hardin and Son		Mar. 13, 1972	186.57	Sept. 21, 1956	107.62
Mar. 5, 1968	197.56	<b>Well ZX-76-08-503</b>		Sept. 20, 1956	114.86
Mar. 10, 1970	196.34	Owner: Chaparrosa Ranch			
Mar. 17, 1972	235.60	Mar. 15, 1966	75.86		
		Feb. 15, 1968	78.14		
		Feb. 4, 1969	79.94		
		Jan. 28, 1970	77.42		
		Mar. 10, 1970	78.27		
		Mar. 18, 1971	78.70		
		Mar. 9, 1972	123.66		

**Table 3.—Water Levels in Selected Wells in Zavala County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZX-76-24-201—Continued</b>		<b>Well ZX-76-24-901—Continued</b>		<b>Well ZX-77-01-306</b>	
July 29, 1957	114.96	Aug. 25, 1959	81.18	Owner: Allen Hibdon	
July 8, 1958	110.21	Sept. 29, 1960	80.78	Mar. 6, 1969	180.00
Sept. 1960	111.78	Feb. 7, 1961	80.56	Mar. 11, 1970	177.34
Feb. 7, 1961	108.85	Feb. 15, 1962	84.30	Mar. 26, 1971	178.45
Feb. 14, 1962	98.80	Dec. 18, 1962	83.27	Mar. 9, 1972	174.73
Dec. 18, 1962	124.00	Jan. 21, 1964	82.94	<b>Well ZX-77-01-403</b>	
Jan. 21, 1964	127.0	Feb. 11, 1965	106.46	Owner: Chaparrosa Ranch	
Feb. 11, 1965	129.01	Mar. 15, 1966	117.70	Feb. 10, 1965	94.64
Mar. 15, 1966	131.40	Mar. 7, 1967	83.99	Mar. 15, 1966	120.96
Mar. 7, 1967	127.20	Feb. 14, 1968	86.90	Mar. 25, 1966	92.70
Feb. 14, 1968	108.10	Feb. 5, 1969	88.53	Feb. 15, 1968	94.52
Feb. 5, 1969	109.52	Jan. 28, 1970	86.82	Feb. 4, 1969	94.14
Jan. 28, 1970	135.52	Mar. 4, 1970	87.95	Jan. 27, 1970	94.10
Mar. 4, 1970	135.53	Mar. 16, 1971	94.20	Mar. 11, 1970	96.90
Mar. 16, 1971	137.38	Mar. 16, 1972	95.96	Mar. 18, 1971	104.90
Mar. 8, 1972	144.99	<b>Well ZX-76-24-906</b>		Mar. 9, 1972	99.18
<b>Well ZX-76-24-503</b>		Owner: Texas Water Development Board		<b>Well ZX-77-01-404</b>	
Owner: N. J. Chittim		July 22, 1971	24.28	Owner: Chaparrosa Ranch	
Apr. 8, 1970	110.44	Aug. 20, 1971	24.25	Mar. 11, 1970	102.11
Apr. 2, 1971	118.95	Sept. 21, 1971	23.27	Mar. 18, 1971	103.60
Mar. 15, 1972	113.68	Oct. 19, 1971	23.12	Mar. 9, 1972	105.22
<b>Well ZX-76-24-901</b>		Nov. 22, 1971	22.38	<b>Well ZX-77-01-501</b>	
Owner: Pablo Sanchez		Dec. 21, 1971	23.02	Owner: Mathews Ranch	
Feb. 4, 1930	76.0	Jan. 25, 1972	24.08	July 12, 1946	159.29
Sept. 20, 1955	84.87	Feb. 25, 1972	23.91	July 25, 1947	169.72
Sept. 20, 1956	82.55	Mar. 22, 1972	24.48	Sept. 16, 1948	187.38
Dec. 11, 1956	82.26	<b>Well ZX-77-01-101</b>		Oct. 12, 1948	188.32
Feb. 18, 1957	82.45	Owner: Chaparrosa Ranch		Nov. 10, 1948	188.74
May 2, 1957	82.39	Mar. 15, 1930	66.4	Dec. 27, 1948	190.40
July 8, 1958	81.07	Mar. 15, 1966	107.90	Jan. 20, 1949	189.86
Aug. 25, 1958	81.45	Mar. 7, 1967	111.80	Mar. 7, 1949	183.60
Sept. 25, 1958	81.12	Feb. 15, 1968	109.80	Apr. 18, 1949	181.98
Nov. 24, 1958	81.11	Feb. 4, 1969	109.53	May 10, 1949	170.30
Jan. 22, 1959	81.05	Jan. 27, 1970	109.36	June 15, 1949	177.30
Mar. 25, 1959	80.96	Mar. 11, 1970	130.37	July 17, 1949	178.48
Apr. 26, 1959	81.09	Mar. 18, 1971	132.40	Aug. 10, 1949	186.85
June 23, 1959	81.02	Mar. 9, 1972	110.63		

**Table 3.—Water Levels in Selected Wells in Zavala County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZX-77-01-501—Continued</b>		<b>Well ZX-77-01-501—Continued</b>		<b>Well ZX-77-01-501—Continued</b>	
Sept. 22, 1949	187.48	Jan. 23, 1953	237.00	Mar. 23, 1956	259.61
Oct. 29, 1949	183.70	Feb. 24, 1953	236.53	Apr. 24, 1956	268.50
Dec. 2, 1949	196.81	Mar. 24, 1953	246.69	May 24, 1956	271.36
Jan. 25, 1950	184.35	Apr. 23, 1953	264.35	June 23, 1956	272.49
Mar. 9, 1950	189.89	May 25, 1953	268.59	July 24, 1956	278.34
Apr. 6, 1950	197.66	June 24, 1953	272.89	Aug. 24, 1956	272.92
May 2, 1950	192.33	July 23, 1953	263.82	Sept. 21, 1956	262.75
June 7, 1950	187.22	Aug. 26, 1953	267.08	Oct. 25, 1956	266.08
July 10, 1950	193.47	Sept. 11, 1953	248.13	Nov. 22, 1956	264.45
Aug. 3, 1950	197.77	Oct. 26, 1953	240.78	Dec. 20, 1956	264.89
Sept. 5, 1950	190.58	Nov. 24, 1953	238.83	Jan. 21, 1957	263.66
Oct. 3, 1950	191.13	Dec. 20, 1953	239.05	Feb. 24, 1957	267.71
Nov. 2, 1950	215.09	Jan. 26, 1954	240.4	Mar. 27, 1957	269.59
Dec. 8, 1950	212.24	Feb. 24, 1954	241.4	Apr. 25, 1957	270.39
Jan. 13, 1951	220.64	Mar. 23, 1954	249.3	May 28, 1957	264.61
Feb. 11, 1951	221.32	Apr. 27, 1954	241.7	June 24, 1957	257.41
Apr. 4, 1951	215.35	May 26, 1954	242.6	July 12, 1957	263.21
May 4, 1951	222.58	June 24, 1954	243.4	Aug. 27, 1957	265.57
June 1, 1951	211.41	Aug. 28, 1954	241.3	Sept. 29, 1957	257.03
July 10, 1951	223.66	Sept. 28, 1954	242.4	Oct. 28, 1957	251.13
July 31, 1951	234.04	Oct. 12, 1954	238.0	Nov. 29, 1957	248.04
Sept. 17, 1951	224.31	Oct. 25, 1954	243.7	Dec. 29, 1957	247.61
Oct. 24, 1951	233.07	Nov. 23, 1954	248.2	Jan. 29, 1958	246.51
Nov. 21, 1951	222.24	Dec. 21, 1954	249.0	Feb. 26, 1958	245.39
Dec. 21, 1951	228.56	Jan. 23, 1955	249.58	Mar. 26, 1958	239.77
Jan. 24, 1952	225.83	Feb. 25, 1955	251.37	Apr. 28, 1958	242.69
Feb. 22, 1952	226.32	Mar. 23, 1955	256.12	May 27, 1958	238.91
Mar. 26, 1952	229.62	Apr. 23, 1955	271.71	June 26, 1958	241.35
Apr. 21, 1952	225.99	May 24, 1955	257.20	July 8, 1958	241.75
May 26, 1952	235.53	June 24, 1955	268.44	July 28, 1958	249.44
June 25, 1952	240.37	July 24, 1955	272.57	Aug. 25, 1958	244.08
July 24, 1952	246.00	Aug. 25, 1955	260.64	Sept. 25, 1958	242.60
Aug. 21, 1952	243.95	Sept. 22, 1955	251.23	Oct. 27, 1958	241.15
Aug. 22, 1952	242.55	Oct. 25, 1955	255.42	Nov. 24, 1958	237.48
Sept. 25, 1952	249.50	Nov. 22, 1955	249.73	Dec. 21, 1958	236.61
Oct. 23, 1952	251.20	Dec. 20, 1955	248.06	Jan. 22, 1959	235.66
Nov. 24, 1952	244.28	Jan. 22, 1956	250.28	Feb. 23, 1959	234.47
Dec. 20, 1952	243.07	Feb. 21, 1956	251.82	Mar. 25, 1959	238.04

Table 3.—Water Levels in Selected Wells in Zavala County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZX-77-01-501—Continued</b>		<b>Well ZX-77-01-501—Continued</b>		<b>Well ZX-77-01-501—Continued</b>	
Apr. 26, 1959	237.28	July 25, 1966	283.10	Jan. 21, 1971	290.96
May 25, 1959	234.95	Sept. 20, 1966	284.77	Feb. 25, 1971	293.84
June 23, 1959	243.84	Nov. 15, 1966	285.75	Mar. 25, 1971	303.33
July 26, 1959	240.44	Jan. 20, 1967	292.15	Apr. 20, 1971	297.60
Aug. 25, 1959	239.92	Mar. 7, 1967	296.39	May 19, 1971	301.00
Sept. 24, 1959	239.10	May 23, 1967	315.84	June 18, 1971	303.99
Oct. 26, 1959	238.40	July 18, 1967	315.50	July 22, 1971	302.60
Nov. 24, 1959	239.24	Nov. 14, 1967	309.71	Aug. 19, 1971	296.78
Dec. 22, 1959	240.09	Nov. 16, 1967	290.77	Sept. 22, 1971	292.97
Jan. 25, 1960	238.38	Dec. 15, 1967	289.79	Oct. 18, 1971	292.96
Feb. 24, 1960	238.98	Jan. 30, 1968	299.36	Nov. 23, 1971	292.07
Mar. 23, 1960	237.01	Mar. 20, 1968	291.23	Dec. 20, 1971	289.35
Apr. 25, 1960	239.02	May 22, 1968	292.81	Jan. 24, 1972	286.61
May 24, 1960	238.66	July 13, 1968	293.00	Mar. 21, 1972	296.38
June 23, 1960	249.64	Sept. 19, 1968	295.65		
July 25, 1960	249.68	Nov. 26, 1968	303.29	<b>Well ZX-77-01-605</b>	
Aug. 24, 1960	246.81	Dec. 19, 1968	282.32	Owner: Ed Easter and Sam Kone	
Nov. 18, 1960	244.21	Jan. 28, 1969	299.94	Jan. 9, 1969	317.59
Feb. 8, 1961	236.25	Feb. 4, 1969	292.21	Mar. 11, 1970	294.19
Feb. 14, 1962	255.46	Mar. 28, 1969	296.98	Mar. 18, 1971	322.70
Dec. 19, 1962	277.70	May 14, 1969	290.49	Mar. 9, 1972	299.74
Sept. 26, 1963	280.19	July 30, 1969	300.41		
Nov. 14, 1963	278.66	Sept. 26, 1969	295.50	<b>Well ZX-77-02-103</b>	
Jan. 20, 1964	277.40	Oct. 22, 1969	288.52	Owner: Ira Chitwood	
Mar. 25, 1964	285.94	Nov. 21, 1969	283.58	Mar. 15, 1966	271.13
May 21, 1964	284.31	Dec. 16, 1969	280.20	Feb. 15, 1968	280.36
July 27, 1964	287.86	Jan. 22, 1970	277.98	Feb. 3, 1969	283.14
Sept. 30, 1964	285.28	Feb. 18, 1970	277.40	Jan. 27, 1970	270.15
Nov. 16, 1964	279.84	Mar. 23, 1970	277.28	Mar. 16, 1972	279.39
Feb. 10, 1965	279.62	Apr. 22, 1970	280.94		
Mar. 29, 1965	281.23	May 20, 1970	281.40	<b>Well ZX-77-02-111</b>	
May 17, 1965	274.58	June 23, 1970	290.16	Owner: Joe Wagner	
July 26, 1965	277.80	July 23, 1970	290.30	Jan. 16, 1969	294.98
Sept. 22, 1965	287.70	Aug. 20, 1970	291.95	Mar. 4, 1970	291.89
Nov. 17, 1965	283.76	Sept. 21, 1970	288.36	Mar. 16, 1972	320.59
Jan. 25, 1966	276.33	Oct. 20, 1970	282.04		
Mar. 15, 1966	276.52	Nov. 18, 1970	285.20	<b>Well ZX-77-02-114</b>	
May 25, 1966	276.80	Dec. 21, 1970	285.86	Owner: W. F. Koehler	
				Jan. 15, 1969	223.40
				Mar. 23, 1970	228.22
				Mar. 9, 1972	112.78

**Table 3.—Water Levels in Selected Wells in Zavała County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZX-77-02-403</b>		<b>Well ZX-77-02-403—Continued</b>		<b>Well ZX-77-02-706</b>	
Owner: Zavala County WCID				Owner: Jack Tillery	
Sept. 30, 1964	350.0	May 20, 1970	322.15	Jan. 22, 1969	324.55
Nov. 16, 1964	342.7	June 23, 1970	338.06	Mar. 5, 1970	313.03
May 17, 1965	308.4	July 23, 1970	344.23	Mar. 18, 1971	389.10
Aug. 9, 1965	352.38	Aug. 20, 1970	341.05	Mar. 9, 1972	385.33
Nov. 17, 1965	340.46	Sept. 21, 1970	328.04		
Jan. 25, 1966	310.40	Oct. 19, 1970	318.66	<b>Well ZX-77-03-301</b>	
Mar. 15, 1966	332.98	Nov. 18, 1970	342.54	Owner: Mrs. — Flowers	
May 25, 1966	318.60	Dec. 21, 1970	370.19	(Recorder well, recorder installed Dec. 19, 1957 and removed Sept. 18, 1968)	
July 25, 1966	338.35	Jan. 21, 1971	373.70	Dec. 19, 1957	202.98
Sept. 20, 1966	323.94	Feb. 25, 1971	373.63	Dec. 25, 1957	203.40
Nov. 15, 1966	339.25	Mar. 26, 1971	370.92	Dec. 31, 1957	198.28
Mar. 7, 1967	362.78	Apr. 20, 1971	359.91	Jan. 5, 1958	192.89
May 23, 1967	362.24	May 19, 1971	363.46	Jan. 10, 1958	187.52
July 18, 1967	398.12	June 17, 1971	382.90	Jan. 15, 1958	186.49
Sept. 29, 1967	364.91	July 23, 1971	361.00	Jan. 20, 1958	184.38
Nov. 14, 1967	363.34	Aug. 19, 1971	367.94	Jan. 25, 1958	181.77
Nov. 15, 1967	362.44	Sept. 20, 1971	349.31	Jan. 31, 1958	183.97
Dec. 15, 1967	332.58	Oct. 18, 1971	335.84	Feb. 5, 1958	182.53
Jan. 25, 1968	326.31	Nov. 23, 1971	325.39	Feb. 10, 1958	182.35
Jan. 30, 1968	326.11	Dec. 20, 1971	324.56	Feb. 15, 1958	178.95
Feb. 29, 1968	323.59	Jan. 24, 1972	354.18	Feb. 20, 1958	176.98
Mar. 20, 1968	338.51	Feb. 24, 1972	351.79	Feb. 25, 1958	174.90
Apr. 26, 1968	301.78	Mar. 21, 1972	360.94	Feb. 28, 1958	174.24
May 22, 1968	331.16			Mar. 5, 1958	172.85
June 14, 1968	344.78	<b>Well ZX-77-02-412</b>		Mar. 10, 1958	172.03
Aug. 15, 1968	334.88	Owner: Roy Brown		Mar. 15, 1958	172.95
Sept. 19, 1968	344.25	Jan. 17, 1969	287.22	Mar. 20, 1958	175.01
Oct. 17, 1968	314.35	Mar. 23, 1970	283.65	Mar. 25, 1958	178.85
Dec. 19, 1968	321.06	Mar. 26, 1971	296.19	Mar. 31, 1958	185.70
Sept. 26, 1969	326.59	Mar. 9, 1972	295.07	Apr. 5, 1958	186.90
Oct. 22, 1969	320.58			Apr. 10, 1958	195.45
Nov. 21, 1969	312.68	<b>Well ZX-77-02-606</b>		Apr. 15, 1958	194.93
Dec. 16, 1969	311.22	Owner: Normant Foley		Apr. 20, 1958	190.77
Jan. 22, 1970	307.12	Feb. 10, 1970	268.05	Apr. 25, 1958	194.90
Feb. 18, 1970	306.13	Mar. 5, 1970	266.14	Apr. 30, 1958	189.51
Mar. 23, 1970	302.89	Mar. 18, 1971	290.60	May 5, 1958	183.40
Apr. 22, 1970	313.15	Mar. 9, 1972	300.75		

Table 3.—Water Levels in Selected Wells in Zavala County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well ZX-77-03-301—Continued		Well ZX-77-03-301—Continued		Well ZX-77-03-301—Continued	
May 10, 1958	179.40	Jan. 15, 1959	174.2	Sept. 10, 1959	193.8
May 15, 1958	177.70	Jan. 20, 1959	173.5	Sept. 15, 1959	190.0
May 20, 1958	174.47	Jan. 25, 1959	172.8	Sept. 20, 1959	192.7
May 25, 1958	173.04	Jan. 31, 1959	172.3	Sept. 25, 1959	183.8
May 31, 1958	196.50	Feb. 5, 1959	173.9	Sept. 30, 1959	181.1
June 5, 1958	222.04	Feb. 10, 1959	176.2	Oct. 5, 1959	178.4
July 10, 1958	223.2	Feb. 15, 1959	183.4	Oct. 10, 1959	175.9
July 15, 1958	227.0	Feb. 20, 1959	191.9	Oct. 15, 1959	174.5
July 31, 1958	252.9	Feb. 25, 1959	196.6	Oct. 20, 1959	174.2
Aug. 5, 1958	243.5	Feb. 28, 1959	207.9	Oct. 25, 1959	186.0
Aug. 10, 1958	246.2	Mar. 5, 1959	190.5	Oct. 31, 1959	183.7
Aug. 16, 1958	239.9	Mar. 10, 1959	186.5	Nov. 5, 1959	175.1
Aug. 20, 1958	231.7	Mar. 15, 1959	190.1	Nov. 10, 1959	174.6
Aug. 25, 1958	223.3	Mar. 20, 1959	189.8	Nov. 15, 1959	174.4
Aug. 31, 1958	224.0	Mar. 25, 1959	191.4	Nov. 20, 1959	173.4
Sept. 5, 1958	223.6	Mar. 31, 1959	199.5	Nov. 25, 1959	171.4
Sept. 10, 1958	214.0	Apr. 5, 1959	209.1	Nov. 30, 1959	170.6
Sept. 15, 1958	200.9	Apr. 10, 1959	210.7	Dec. 5, 1959	179.1
Sept. 20, 1958	194.3	Apr. 15, 1959	196.2	Dec. 10, 1959	181.5
Sept. 25, 1958	189.6	Apr. 20, 1959	187.6	Dec. 15, 1959	180.3
Sept. 30, 1958	186.1	Apr. 25, 1959	185.5	Dec. 20, 1959	176.9
Oct. 5, 1958	183.1	Apr. 30, 1959	182.1	Dec. 25, 1959	175.6
Oct. 10, 1958	180.9	May 5, 1959	178.0	Dec. 31, 1959	174.0
Oct. 15, 1958	179.0	May 10, 1959	174.4	Jan. 5, 1960	171.8
Oct. 20, 1958	176.8	May 15, 1959	174.6	Jan. 10, 1960	170.2
Oct. 25, 1958	175.8	May 20, 1959	188.8	Jan. 15, 1960	168.4
Oct. 31, 1958	174.4	May 25, 1959	177.6	Jan. 20, 1960	168.7
Nov. 1, 1958	173.8	May 31, 1959	172.6	Jan. 25, 1960	168.1
Nov. 25, 1958	197.7	June 5, 1959	186.6	Feb. 25, 1960	189.9
Nov. 30, 1958	179.6	June 10, 1959	207.1	Feb. 29, 1960	190.9
Dec. 5, 1958	176.5	June 13, 1959	217.7	Mar. 5, 1960	210.4
Dec. 10, 1958	181.6	June 25, 1959	245.8	Mar. 10, 1960	198.8
Dec. 15, 1958	179.3	June 30, 1959	211.5	Mar. 15, 1960	192.2
Dec. 20, 1958	184.7	July 5, 1959	200.8	Mar. 20, 1960	188.2
Dec. 25, 1958	179.1	July 31, 1959	195.3	Mar. 25, 1960	191.5
Dec. 31, 1958	176.7	Aug. 25, 1959	201.1	Mar. 31, 1960	185.4
Jan. 5, 1959	176.6	Aug. 31, 1959	196.9	Apr. 5, 1960	189.4
Jan. 10, 1959	175.8	Sept. 5, 1959	197.1	Apr. 10, 1960	190.7



Table 3.—Water Levels in Selected Wells in Zavala County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well ZX-77-03-301—Continued		Well ZX-77-03-301—Continued		Well ZX-77-03-301—Continued	
Apr. 15, 1960	190.4	Oct. 25, 1960	191.0	May 15, 1961	238.21
Apr. 20, 1960	189.9	Oct. 31, 1960	185.6	May 20, 1961	239.70
Apr. 25, 1960	190.7	Nov. 5, 1960	182.7	May 25, 1961	241.50
Apr. 30, 1960	184.8	Nov. 20, 1960	183.15	May 31, 1961	243.35
May 5, 1960	182.8	Nov. 25, 1960	178.15	June 5, 1961	254.50
May 10, 1960	202.0	Nov. 30, 1960	177.70	June 16, 1961	233.59
May 15, 1960	212.0	Dec. 5, 1960	179.10	June 20, 1961	218.70
May 20, 1960	220.4	Dec. 10, 1960	176.45	June 25, 1961	208.50
May 25, 1960	200.0	Dec. 15, 1960	173.50	June 30, 1961	202.35
May 31, 1960	201.3	Dec. 20, 1960	171.50	July 5, 1961	225.50
June 5, 1960	222.8	Dec. 25, 1960	171.35	July 10, 1961	224.50
June 10, 1960	251.6	Dec. 31, 1960	169.30	July 15, 1961	208.80
June 15, 1960	265.6	Jan. 5, 1961	168.85	July 20, 1961	198.95
June 20, 1960	275.7	Jan. 10, 1961	167.50	July 25, 1961	193.20
June 25, 1960	266.8	Jan. 15, 1961	167.40	July 31, 1961	190.60
June 30, 1960	274.0	Jan. 20, 1961	169.10	Aug. 5, 1961	189.35
July 5, 1960	276.7	Jan. 25, 1961	168.40	Aug. 10, 1961	196.00
July 10, 1960	277.2	Jan. 31, 1961	166.45	Aug. 15, 1961	203.00
July 15, 1960	271.3	Feb. 5, 1961	168.50	Aug. 20, 1961	193.10
July 20, 1960	242.0	Feb. 10, 1961	165.55	Aug. 25, 1961	199.90
July 25, 1960	224.6	Feb. 15, 1961	164.30	Aug. 31, 1961	199.10
July 31, 1960	214.3	Feb. 20, 1961	164.70	Sept. 5, 1961	199.40
Aug. 5, 1960	216.0	Feb. 25, 1961	166.75	Sept. 10, 1961	195.65
Aug. 10, 1960	214.9	Feb. 28, 1961	171.35	Sept. 15, 1961	201.30
Aug. 15, 1960	202.6	Mar. 5, 1961	170.75	Sept. 20, 1961	202.40
Aug. 20, 1960	197.9	Mar. 10, 1961	179.90	Sept. 25, 1961	209.00
Aug. 25, 1960	195.3	Mar. 15, 1961	179.30	Sept. 30, 1961	200.60
Aug. 31, 1960	194.1	Mar. 20, 1961	175.40	Oct. 5, 1961	193.80
Sept. 5, 1960	190.6	Mar. 25, 1961	190.75	Oct. 10, 1961	203.35
Sept. 10, 1960	197.5	Mar. 31, 1961	188.95	Oct. 15, 1961	216.40
Sept. 15, 1960	200.6	Apr. 5, 1961	190.40	Oct. 20, 1961	203.62
Sept. 20, 1960	206.7	Apr. 10, 1961	191.73	Oct. 25, 1961	200.60
Sept. 25, 1960	206.4	Apr. 15, 1961	207.75	Oct. 31, 1961	218.80
Sept. 30, 1960	208.8	Apr. 20, 1961	216.80	Nov. 5, 1961	214.55
Oct. 5, 1960	210.9	Apr. 25, 1961	227.35	Nov. 10, 1961	195.00
Oct. 10, 1960	214.2	Apr. 30, 1961	225.30	Nov. 15, 1961	203.80
Oct. 15, 1960	212.7	May 5, 1961	216.22	Nov. 20, 1961	203.05
Oct. 20, 1960	196.9	May 10, 1961	232.60	Nov. 25, 1961	218.95

Table 3.—Water Levels in Selected Wells in Zavala County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well ZX-77-03-301—Continued		Well ZX-77-03-301—Continued		Well ZX-77-03-301—Continued	
Nov. 30, 1961	220.60	July 31, 1962	299.22	Apr. 5, 1963	260.9
Dec. 5, 1961	212.60	Aug. 5, 1962	295.11	Apr. 10, 1963	246.2
Dec. 10, 1961	198.90	Aug. 10, 1962	302.68	Apr. 15, 1963	249.8
Dec. 15, 1961	198.15	Aug. 15, 1962	273.40	Apr. 20, 1963	272.5
Dec. 20, 1961	191.85	Aug. 20, 1962	272.90	Apr. 25, 1963	278.2
Dec. 25, 1961	186.85	Aug. 25, 1962	264.90	Apr. 30, 1963	265.5
Dec. 31, 1961	211.70	Aug. 30, 1962	247.61	May 5, 1963	246.6
Jan. 5, 1962	210.45	Sept. 20, 1962	263.73	May 10, 1963	234.8
Jan. 10, 1962	198.65	Sept. 25, 1962	259.00	May 15, 1963	226.3
Jan. 15, 1962	203.70	Sept. 31, 1962	271.88	May 20, 1963	224.1
Jan. 20, 1962	210.15	Oct. 5, 1962	262.20	May 25, 1963	239.5
Jan. 25, 1962	205.70	Oct. 10, 1962	261.55	May 31, 1963	246.2
Jan. 31, 1962	239.70	Oct. 15, 1962	257.00	June 1, 1963	249.8
Feb. 5, 1962	236.90	Oct. 20, 1962	261.33	June 5, 1963	274.5
Feb. 10, 1962	250.50	Oct. 25, 1962	260.40	Aug. 5, 1963	309.85
Feb. 15, 1962	250.43	Oct. 31, 1962	255.25	Aug. 10, 1963	299.70
Feb. 20, 1962	249.75	Nov. 5, 1962	251.73	Aug. 15, 1963	306.15
Feb. 25, 1962	252.22	Nov. 10, 1962	250.25	Aug. 20, 1963	314.62
Feb. 28, 1962	254.39	Nov. 15, 1962	250.60	Aug. 25, 1963	328.75
Mar. 5, 1962	248.98	Nov. 20, 1962	246.15	Aug. 31, 1963	318.95
Mar. 10, 1962	257.46	Nov. 25, 1962	234.68	Sept. 5, 1963	331.45
Mar. 15, 1962	248.18	Nov. 30, 1962	236.08	Sept. 10, 1963	327.62
Mar. 20, 1962	241.70	Dec. 5, 1962	250.10	Sept. 30, 1963	253.75
Mar. 25, 1962	252.98	Dec. 10, 1962	240.50	Oct. 5, 1963	265.45
Mar. 31, 1962	238.35	Dec. 15, 1962	238.15	Oct. 10, 1963	270.60
Apr. 5, 1962	248.10	Dec. 20, 1962	255.90	Oct. 15, 1963	270.92
Apr. 10, 1962	248.05	Dec. 25, 1962	239.60	Oct. 20, 1963	276.90
Apr. 15, 1962	252.55	Dec. 31, 1962	237.35	Nov. 15, 1963	254.50
Apr. 20, 1962	252.25	Jan. 5, 1963	242.80	Nov. 25, 1963	257.25
Apr. 25, 1962	253.35	Jan. 10, 1963	252.15	Dec. 5, 1963	252.89
Apr. 30, 1962	232.18	Jan. 15, 1963	253.50	Dec. 10, 1963	247.90
May 5, 1962	224.60	Jan. 20, 1963	245.25	Dec. 15, 1963	240.10
May 10, 1962	224.17	Feb. 12, 1963	261.50	Dec. 20, 1963	230.60
May 15, 1962	239.00	Mar. 10, 1963	261.54	Dec. 25, 1963	226.00
May 20, 1962	254.35	Mar. 15, 1963	265.90	Jan. 20, 1964	245.50
May 25, 1962	260.10	Mar. 20, 1963	256.19	Jan. 25, 1964	263.80
May 30, 1962	270.58	Mar. 25, 1963	256.30	Jan. 31, 1964	266.40
July 25, 1962	302.95	Mar. 31, 1963	268.30	Feb. 5, 1964	261.60

Table 3.—Water Levels in Selected Wells in Zavala County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well ZX-77-03-301—Continued		Well ZX-77-03-301—Continued		Well ZX-77-03-301—Continued	
May 25, 1964	275.55	May 31, 1965	212.78	June 10, 1966	292.14
May 31, 1964	268.40	June 3, 1965	215.38	June 15, 1966	311.99
June 5, 1964	264.20	July 25, 1965	331.14	June 20, 1966	297.67
June 10, 1964	287.00	July 31, 1965	338.71	June 25, 1966	294.11
June 15, 1964	301.00	Aug. 5, 1965	329.33	June 30, 1966	307.20
June 20, 1964	303.20	Aug. 10, 1965	312.70	July 5, 1966	320.33
June 25, 1964	311.40	Aug. 15, 1965	335.03	July 10, 1966	299.95
June 30, 1964	310.60	Aug. 20, 1965	323.52	July 15, 1966	294.72
July 5, 1964	308.60	Aug. 25, 1965	334.07	July 20, 1966	301.91
July 10, 1964	311.50	Aug. 31, 1965	309.88	July 25, 1966	306.22
July 15, 1964	312.20	Sept. 5, 1965	314.18	July 31, 1966	316.17
July 20, 1964	304.08	Sept. 10, 1965	305.32	Aug. 5, 1966	312.70
July 25, 1964	313.60	Sept. 15, 1965	311.00	Aug. 10, 1966	293.48
July 31, 1964	310.20	Sept. 20, 1965	313.75	Aug. 15, 1966	259.53
Aug. 4, 1964	314.60	Sept. 25, 1965	310.94	Aug. 20, 1966	264.80
Oct. 5, 1964	258.10	Sept. 30, 1965	299.26	Aug. 25, 1966	247.40
Oct. 10, 1964	252.98	Oct. 5, 1965	293.10	Aug. 31, 1966	248.12
Oct. 31, 1964	255.40	Nov. 20, 1965	255.50	Sept. 5, 1966	272.50
Nov. 6, 1964	244.60	Nov. 25, 1965	255.95	Sept. 10, 1966	243.85
Nov. 17, 1964	251.80	Nov. 30, 1965	256.83	Sept. 15, 1966	251.79
Dec. 4, 1964	272.12	Dec. 5, 1965	246.51	Sept. 20, 1966	260.30
Dec. 10, 1964	259.60	Dec. 10, 1965	240.40	Sept. 25, 1966	264.67
Dec. 15, 1964	256.52	Dec. 15, 1965	236.64	Sept. 30, 1966	266.22
Feb. 5, 1965	268.80	Dec. 20, 1965	232.49	Oct. 5, 1966	278.92
Feb. 10, 1965	249.85	Dec. 25, 1965	229.40	Oct. 10, 1966	268.35
Feb. 15, 1965	242.23	Dec. 31, 1965	227.63	Oct. 15, 1966	273.46
Mar. 31, 1965	246.71	Jan. 5, 1966	228.56	Oct. 20, 1966	280.12
Apr. 5, 1965	236.34	Jan. 10, 1966	227.33	Oct. 25, 1966	273.48
Apr. 10, 1965	230.50	Jan. 15, 1966	223.14	Oct. 31, 1966	269.38
Apr. 15, 1965	227.61	Jan. 20, 1966	220.80	Nov. 5, 1966	283.11
Apr. 20, 1965	229.50	Jan. 25, 1966	219.24	Nov. 10, 1966	281.51
Apr. 25, 1965	235.58	Mar. 25, 1966	253.40	Nov. 15, 1966	286.93
Apr. 30, 1965	230.24	Mar. 31, 1966	241.68	Nov. 20, 1966	295.56
May 5, 1965	225.95	Apr. 5, 1966	258.34	Nov. 25, 1966	288.20
May 10, 1965	223.92	Apr. 10, 1966	248.44	Nov. 30, 1966	286.40
May 15, 1965	220.21	May 25, 1966	239.05	Dec. 5, 1966	276.65
May 20, 1965	216.33	May 31, 1966	242.68	Dec. 10, 1966	274.19
May 25, 1965	213.90	June 5, 1966	252.93	Dec. 15, 1966	292.17

Table 3.—Water Levels in Selected Wells in Zavala County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZX-77-03-301—Continued</b>		<b>Well ZX-77-03-301—Continued</b>		<b>Well ZX-77-03-401—Continued</b>	
Dec. 20, 1966	281.36	Nov. 10, 1967	245.81	Jan. 20, 1964	265.35
Dec. 25, 1966	272.75	Nov. 15, 1967	242.42	Feb. 10, 1965	281.82
Dec. 31, 1966	272.39	Nov. 20, 1967	239.94	Mar. 17, 1966	268.05
Jan. 5, 1967	272.86	Dec. 10, 1967	238.91	Mar. 7, 1967	270.62
Jan. 10, 1967	279.36	Dec. 15, 1967	236.68	Feb. 16, 1968	265.06
Jan. 15, 1967	289.94	Jan. 10, 1968	234.93	Feb. 3, 1969	270.73
Jan. 20, 1967	305.20	Jan. 15, 1968	232.97	Jan. 27, 1970	253.98
Jan. 25, 1967	307.29	Jan. 20, 1968	231.24	Mar. 5, 1970	254.35
Jan. 31, 1967	326.12	Jan. 25, 1968	228.91	Mar. 18, 1971	293.10
Feb. 5, 1967	321.57	Mar. 20, 1968	219.04	Mar. 9, 1972	279.14
Feb. 10, 1967	311.08	Mar. 25, 1968	217.02		
Feb. 15, 1967	307.30	Apr. 20, 1968	216.28	<b>Well ZX-77-04-301</b>	
Feb. 20, 1967	305.15	Apr. 25, 1968	214.38	Owner: Roy Capp	
Feb. 25, 1967	308.00	May 10, 1968	212.13	Feb. 1951	210
Feb. 28, 1967	309.50	May 15, 1968	210.54	Feb. 24, 1965	263.19
Mar. 5, 1967	299.20	May 20, 1968	209.94	Mar. 25, 1966	262.84
Mar. 10, 1967	312.04	Sept. 18, 1968	—	Mar. 7, 1967	276.60
Mar. 15, 1967	310.72	Oct. 17, 1968	227.20	Feb. 16, 1968	269.54
Mar. 20, 1967	291.28	Nov. 27, 1968	268.61	Feb. 3, 1969	267.60
Mar. 25, 1967	294.40	Dec. 18, 1968	221.03	Jan. 28, 1970	238.82
Mar. 31, 1967	321.37	Jan. 29, 1969	280.50	Mar. 10, 1970	255.84
Apr. 5, 1967	327.94	Mar. 28, 1969	269.30	Apr. 1, 1971	300.89
Apr. 10, 1967	325.94	July 30, 1969	272.42	Mar. 13, 1972	295.55
Apr. 15, 1967	301.20	Sept. 26, 1969	278.43		
Apr. 20, 1967	282.87	Oct. 22, 1969	235.33	<b>Well ZX-77-04-431</b>	
Apr. 25, 1967	277.38	Nov. 21, 1969	247.37	Owner: City of Batesville	
Apr. 30, 1967	269.86	Dec. 15, 1969	222.20	May 22, 1968	214.00
May 5, 1967	283.00	Jan. 22, 1970	222.39	May 23, 1968	216.95
May 10, 1967	309.20	Mar. 23, 1970	233.73	June 10, 1970	311.83
May 15, 1967	330.56	Apr. 22, 1970	268.15	Sept. 21, 1970	295.60
May 20, 1967	322.50	May 20, 1970	258.02	Oct. 19, 1970	287.40
May 25, 1967	335.70	June 23, 1970	298.06	Nov. 19, 1970	272.21
May 31, 1967	346.30			Dec. 21, 1970	248.98
June 5, 1967	332.83	<b>Well ZX-77-03-401</b>		Jan. 21, 1971	338.22
Sept. 30, 1967	261.99	Owner: I. T. Pryor		Feb. 25, 1971	334.20
Oct. 5, 1967	258.00	Dec. 16, 1960	211.63	Mar. 24, 1971	307.35
Oct. 20, 1967	251.98	Feb. 8, 1961	205.11	Apr. 19, 1971	342.95
Oct. 25, 1967	248.79	Feb. 16, 1962	239.77	May 19, 1971	378.65
				June 17, 1971	374.56

**Table 3.—Water Levels in Selected Wells in Zavala County—Continued**

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZX-77-04-431—Continued</b>		<b>Well ZX-77-09-101</b>		<b>Well ZX-77-10-403</b>	
Aug. 19, 1971	357.40	Owner: Chaparrosa Ranch		Owner: Carter M. Wiltgen	
Sept. 22, 1971	284.14	Aug. 15, 1960	245	Feb. 11, 1970	328.71
Oct. 18, 1971	276.58	Feb. 8, 1961	220.67	Mar. 5, 1970	323.81
Nov. 24, 1971	258.35	June 2, 1970	304.02	Mar. 17, 1971	452.00
Dec. 20, 1971	254.72	Mar. 18, 1971	325.30	Mar. 17, 1972	385.72
Jan. 24, 1972	275.24	Mar. 22, 1972	331.30		
Mar. 21, 1972	291.63			<b>Well ZX-77-10-604</b>	
		<b>Well ZX-77-09-102</b>		Owner: C. B. K. Industrial Corp.	
		Owner: Chaparrosa Ranch		Jan. 21, 1964	351.57
<b>Well ZX-77-04-601</b>		Feb. 10, 1965	169.25	Mar. 17, 1966	340.22
Owner: Felton Fitch		Mar. 15, 1966	162.56	Feb. 29, 1968	331.62
Dec. 23, 1965	304.38	Feb. 29, 1968	173.83	Feb. 4, 1969	333.88
Mar. 17, 1966	279.00	Feb. 4, 1969	172.38	Jan. 29, 1970	278.59
Feb. 16, 1968	276.12	Jan. 27, 1970	161.88	Mar. 11, 1970	276.77
Mar. 6, 1968	297.76	Mar. 11, 1970	176.20	Mar. 17, 1972	343.36
Feb. 3, 1969	279.31	Mar. 18, 1971	171.00		
Jan. 27, 1970	260.34	Mar. 16, 1972	163.70	<b>Well ZX-77-10-907</b>	
Mar. 11, 1970	269.94			Owner: — Shellhammer	
Apr. 1, 1971	354.07	<b>Well ZX-77-09-401</b>		Feb. 4, 1969	348.50
		Owner: Chaparrosa Ranch		Mar. 13, 1970	276.62
<b>Well ZX-77-04-604</b>		Jan. 30, 1968	337.68	Mar. 17, 1971	299.20
Owner: West and West Cattle Co.		Mar. 11, 1970	300.81		
Mar. 5, 1970	242.66	Mar. 18, 1971	350.70	<b>Well ZX-77-11-601</b>	
Mar. 21, 1972	250.87	Mar. 16, 1972	346.00	Owner: — Johnson	
				Feb. 11, 1970	309.15
<b>Well ZX-77-04-706</b>		<b>Well ZX-77-09-704</b>		Mar. 11, 1970	309.60
Owner: Norment Foley		Owner: Griffin and Brand Co.		Mar. 20, 1972	324.10
Feb. 24, 1965	280.63	Feb. 8, 1968	271.35		
Mar. 17, 1966	303.59	Feb. 10, 1970	246.62	<b>Well ZX-77-11-703</b>	
Jan. 27, 1970	263.92	Mar. 4, 1970	241.68	Owner: Del Monte Corp.	
Mar. 11, 1970	268.93	Mar. 17, 1971	303.60	Feb. 9, 1970	322.71
Mar. 10, 1972	328.81	Mar. 16, 1972	313.50	Mar. 13, 1970	322.78
				Mar. 23, 1972	406.70
<b>Well ZX-77-04-718</b>		<b>Well ZX-77-10-104</b>			
Owner: R. W. Willoughby		Owner: Terrell C. Holliday		<b>Well ZX-77-17-201</b>	
Feb. 10, 1970	301.31	Jan. 12, 1968	379.50	Owner: S. L. Farmers Ranch Supply	
Mar. 4, 1970	262.90	Feb. 11, 1970	310.46	Dec. 16, 1960	178.30
Apr. 1, 1971	389.50	Mar. 5, 1970	313.89	Feb. 9, 1961	172.19
Mar. 17, 1972	357.87	Mar. 17, 1971	405.00	Feb. 14, 1962	278.71
		Mar. 17, 1972	384.17	Dec. 17, 1962	282.18

Table 3.—Water Levels in Selected Wells in Zavala County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZX-77-17-201—Continued</b>		<b>Well ZX-77-18-401—Continued</b>		<b>Well ZX-77-18-401—Continued</b>	
Jan. 21, 1964	272.88	Oct. 1947	102	Dec. 1950	209
Feb. 11, 1965	280.76	Nov. 1947	128	Jan. 1951	228
Mar. 15, 1966	277.04	Dec. 1947	144	Feb. 1951	222
Mar. 7, 1967	287.84	Jan. 1948	156	Mar. 1951	224
Feb. 14, 1968	242.80	Feb. 1948	140	Apr. 1951	224
Feb. 5, 1969	245.66	Mar. 1948	141	May 1951	200
Jan. 29, 1970	229.21	Apr. 1948	156	June 1951	191
Mar. 4, 1970	230.64	May 1948	138	July 1951	214
Mar. 16, 1972	287.02	June 1948	136	Aug. 1951	222
		July 1948	130	Sept. 1951	206
		Aug. 1948	132	Oct. 1951	209
		Sept. 1948	119	Nov. 1951	231
		Oct. 1948	118	Dec. 1951	248
		Nov. 1948	124	Jan. 1952	265
		Dec. 1948	136	Feb. 1952	260
		Jan. 1949	145	Mar. 1952	255
		Feb. 1949	137	Apr. 1952	239
		Mar. 1949	142	May 1952	239
		Apr. 1949	116	June 1952	226
		May 1949	104	July 1952	242
		June 1949	104	Aug. 1952	262
		July 1949	104	Sept. 1952	258
		Aug. 1949	105	Oct. 1952	263
		Sept. 1949	106	Nov. 1952	289
		Oct. 1949	118	Dec. 1952	278
		Nov. 1949	114	Jan. 1953	278
		Dec. 1949	147	Feb. 1953	288
		Jan. 1950	119	Mar. 1953	269
		Feb. 1950	116	Apr. 1953	276
		Mar. 1950	140	May 1953	290
		Apr. 1950	154	Sept. 1953	241
		May 1950	128	Oct. 1953	242
		June 1950	122	Nov. 1953	232
		July 1950	121	Dec. 1953	250
		Aug. 1950	128	Jan. 1954	256
		Sept. 1950	129	Feb. 1954	258
		Oct. 1950	130	Mar. 1954	266
		Nov. 1950	178	Apr. 1954	268
<b>Well ZX-77-17-707</b>					
Owner: Frank Harris					
Feb. 25, 1969	198.20				
Mar. 24, 1970	190.69				
Mar. 16, 1971	223.10				
Mar. 8, 1972	211.73				
<b>Well ZX-77-17-902</b>					
Owner: Jim Ferguson, Jr.					
Jan. 11, 1969	259.91				
Mar. 15, 1972	278.72				
<b>Well ZX-77-18-401</b>					
Owner: Del Monte Corp.					
June 1946	75				
July 1946	91				
Aug. 1946	93				
Sept. 1946	80				
Oct. 1946	70				
Nov. 1946	74				
Dec. 1946	99				
Jan. 1947	84				
Feb. 1947	84				
Mar. 1947	109				
Apr. 1947	117				
May 1947	96				
June 1947	95				
July 1947	92				
Aug. 1947	78				
Sept. 1947	88				

Table 3.—Water Levels in Selected Wells in Zavala County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well ZX-77-18-401—Continued		Well ZX-77-18-401—Continued		Well ZX-77-18-401—Continued	
May 1954	260	July 1957	268	Sept. 1960	260
June 1954	251	Aug. 1957	270	Oct. 1960	261
July 1954	232	Sept. 1957	270	Nov. 1960	254
Aug. 1954	241	Oct. 1957	252	Dec. 1960	236
Sept. 1954	238	Nov. 1957	239	Jan. 1961	228
Oct. 1954	240	Dec. 1957	235	Feb. 1961	224
Nov. 1954	200	Jan. 1958	224	Mar. 1961	224
Dec. 1954	301	Feb. 1958	219	Apr. 1961	250
Jan. 1955	308	Mar. 1958	212	May 1961	266
Feb. 1955	294	Apr. 1958	221	June 1961	274
Mar. 1955	301	May 1958	221	July 1961	218
Apr. 1955	326	June 1958	221	Aug. 1961	213
May 1955	313	July 1958	221	Sept. 1961	215
June 1955	314	Aug. 1958	232	Oct. 1961	216
July 1955	310	Sept. 1958	216	Nov. 1961	265
Aug. 1955	288	Oct. 1958	204	Dec. 1961	270
Sept. 1955	270	Nov. 1958	198	Jan. 1962	262
Oct. 1955	276	Dec. 1958	202	Feb. 1962	269
Nov. 1955	285	Jan. 1959	202	Mar. 1962	283
Dec. 1955	285	Feb. 1959	200	Apr. 1962	306
Jan. 1956	284	Mar. 1959	200	May 1962	308
Feb. 1956	282	Apr. 1959	213	June 1962	305
Mar. 1956	298	May 1959	205	July 1962	313
Apr. 1956	318	June 1959	202	Aug. 1962	324
May 1956	338	July 1959	235	Sept. 1962	304
June 1956	343	Aug. 1959	240	Oct. 1962	298
July 1956	336	Sept. 1959	246	Nov. 1962	325
Aug. 1956	328	Oct. 1959	246	Dec. 1962	333
Sept. 1956	323	Nov. 1959	248	Jan. 1963	320
Oct. 1956	342	Dec. 1959	250	Feb. 1963	323
Nov. 1956	344	Jan. 1960	254	Mar. 1963	324
Dec. 1956	356	Feb. 1960	242	Apr. 1963	330
Jan. 1957	352	Mar. 1960	248	May 1963	312
Feb. 1957	334	Apr. 1960	257	June 1963	316
Mar. 1957	321	May 1960	254	July 1963	312
Apr. 1957	312	June 1960	254	Aug. 1963	332
May 1957	279	July 1960	282	Sept. 1963	321
June 1957	264	Aug. 1960	264	Oct. 1963	320

Table 3.—Water Levels in Selected Wells in Zavala County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZX-77-18-401—Continued</b>		<b>Well ZX-77-18-401—Continued</b>		<b>Well ZX-77-18-401—Continued</b>	
Nov. 1963	320	Feb. 1967	376	Apr. 1970	256.50
Dec. 1963	308	Mar. 1967	406	May 1970	264.50
Jan. 1964	310	Apr. 1967	409	June 1970	259.50
Feb. 1964	322	May 1967	405	July 1970	273.50
Mar. 1964	330	June 1967	423	Aug. 1970	278.50
Apr. 1964	350	July 1967	427	Sept. 1970	274.50
May 1964	346	Aug. 1967	432	Oct. 1970	269.50
June 1964	346	Sept. 1967	377	Nov. 1970	268.50
July 1964	378	Oct. 1967	324	Dec. 1970	306.50
Aug. 1964	370	Nov. 1967	317	Jan. 1971	305.50
Sept. 1964	342	Dec. 1967	310	Feb. 1971	315.50
Oct. 1964	324	Jan. 1968	301	Mar. 1971	344.50
Nov. 1964	312	Feb. 1968	292	Apr. 1971	355.50
Dec. 1964	312	Mar. 1968	281	May 21, 1971	348.50
Feb. 1965	316	Apr. 1968	278	June 29, 1971	374.50
Mar. 1965	316	May 1968	260	July 2, 1971	346.50
Apr. 1965	325	June 1968	310	Aug. 6, 1971	324.50
May 1965	304	July 1968	333	Sept. 28, 1971	315.50
June 1965	311	Aug. 1968	333	Oct. 3, 1971	292.50
July 1965	334	Sept. 1968	306	Nov. 5, 1971	292.50
Aug. 1965	348	Oct. 1968	297	Dec. 8, 1971	287.50
Sept. 1965	360	Nov. 1968	293	Jan. 3, 1972	282.50
Oct. 1965	337	Dec. 1968	292.00	Feb. 2, 1972	282.50
Nov. 1965	341	Jan. 1969	281.00		
Dec. 1965	311	Feb. 1969	287.00	<b>Well ZX-77-18-508</b>	
Jan. 1966	297	Mar. 1969	292.00	Owner: B. R. Güyler	
Feb. 1966	297	Apr. 1969	301.00	Sept. 20, 1945	85
Mar. 1966	295	May 1969	278.00	Jan. 11, 1969	285.30
Apr. 1966	322	June 1969	287.00	Mar. 13, 1970	253.66
May 1966	317	July 1969	322.00	Mar. 22, 1972	295.04
June 1966	313	Aug. 1969	329.00	<b>Well ZX-77-18-604</b>	
July 1966	307	Sept. 1969	302.00	Owner: Richie Brothers	
Aug. 1966	317	Oct. 1969	310.00	(Recorder well, recorder installed Jan. 28, 1969)	
Sept. 1966	325	Nov. 1969	301.00	Nov. 26, 1929	80.40
Oct. 1966	325	Dec. 1969	276.00	Feb. 8, 1968	320.04
Nov. 1966	351	Jan. 1970	241.50	Nov. 15, 1968	317.56
Dec. 1966	364	Feb. 1970	247.50	Nov. 26, 1968	327.45
Jan. 1967	357	Mar. 1970	241.50	Jan. 27, 1969	322.31



Table 3.—Water Levels in Selected Wells in Zavala County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZX-77-18-604—Continued</b>		<b>Well ZX-77-18-604—Continued</b>		<b>Well ZX-77-18-604—Continued</b>	
Jan. 28, 1969	306.34	Aug. 5, 1969	361.47	Mar. 15, 1970	273.84
Jan. 31, 1969	308.09	Aug. 10, 1969	362.94	Mar. 25, 1970	275.46
Feb. 5, 1969	309.03	Aug. 15, 1969	363.85	Mar. 31, 1970	276.42
Feb. 10, 1969	311.94	Aug. 20, 1969	364.31	Apr. 5, 1970	279.15
Feb. 15, 1969	314.78	Aug. 25, 1969	364.37	Apr. 10, 1970	283.20
Feb. 20, 1969	310.46	Aug. 31, 1969	360.10	May 25, 1970	311.75
Feb. 25, 1969	308.25	Sept. 5, 1969	355.10	May 31, 1970	309.92
Feb. 28, 1969	306.79	Sept. 10, 1969	353.72	June 5, 1970	303.66
Mar. 5, 1969	305.52	Sept. 15, 1969	353.25	June 10, 1970	302.81
Mar. 10, 1969	307.38	Sept. 20, 1969	355.86	June 25, 1970	315.57
Mar. 15, 1969	308.54	Sept. 25, 1969	356.92	June 30, 1970	316.30
Mar. 20, 1969	312.43	Sept. 30, 1969	357.13	July 5, 1970	316.05
Mar. 25, 1969	315.13	Oct. 5, 1969	361.13	July 10, 1970	318.35
Mar. 31, 1969	315.66	Oct. 10, 1969	352.50	July 15, 1970	320.55
Apr. 5, 1969	319.48	Oct. 15, 1969	345.47	July 20, 1970	317.35
Apr. 10, 1969	323.93	Nov. 20, 1969	321.47	July 25, 1970	319.23
Apr. 15, 1969	323.04	Nov. 25, 1969	321.67	July 31, 1970	321.76
Apr. 20, 1969	319.86	Nov. 30, 1969	315.42	Aug. 5, 1970	320.14
Apr. 25, 1969	316.36	Dec. 5, 1969	309.51	Aug. 10, 1970	313.25
Apr. 30, 1969	313.35	Dec. 10, 1969	305.07	Aug. 15, 1970	308.33
May 5, 1969	313.32	Dec. 15, 1969	301.50	Aug. 20, 1970	306.78
May 10, 1969	308.02	Dec. 20, 1969	298.27	Aug. 25, 1970	307.19
May 15, 1969	304.33	Dec. 25, 1969	295.39	Aug. 31, 1970	310.01
May 20, 1969	300.34	Dec. 31, 1969	293.68	Sept. 5, 1970	311.40
May 25, 1969	298.97	Jan. 5, 1970	290.58	Sept. 10, 1970	316.78
May 31, 1969	302.83	Jan. 10, 1970	287.77	Sept. 15, 1970	320.89
June 5, 1969	310.03	Jan. 15, 1970	284.76	Sept. 20, 1970	321.53
June 10, 1969	318.38	Jan. 20, 1970	282.52	Sept. 25, 1970	315.12
June 15, 1969	327.58	Jan. 25, 1970	279.35	Sept. 30, 1970	308.31
June 20, 1969	336.94	Jan. 31, 1970	276.07	Oct. 5, 1970	303.05
June 25, 1969	342.75	Feb. 5, 1970	276.43	Oct. 10, 1970	300.88
June 30, 1969	348.24	Feb. 10, 1970	276.22	Oct. 15, 1970	298.58
July 5, 1969	350.77	Feb. 15, 1970	277.16	Oct. 20, 1970	300.53
July 10, 1969	350.57	Feb. 20, 1970	279.32	Oct. 25, 1970	304.21
July 15, 1969	352.97	Feb. 25, 1970	278.23	Oct. 31, 1970	313.50
July 20, 1969	355.32	Feb. 28, 1970	276.75	Nov. 5, 1970	321.22
July 25, 1969	357.53	Mar. 5, 1970	275.54	Nov. 10, 1970	330.35
July 31, 1969	361.46	Mar. 10, 1970	274.55	Nov. 15, 1970	338.09

Table 3.—Water Levels in Selected Wells in Zavala County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
<b>Well ZX-77-18-604—Continued</b>		<b>Well ZX-77-18-604—Continued</b>		<b>Well ZX-77-18-604—Continued</b>	
Nov. 20, 1970	342.31	July 20, 1971	387.91	Jan. 31, 1972	311.41
Nov. 25, 1970	346.61	July 25, 1971	386.52	Feb. 5, 1972	309.16
Nov. 30, 1970	350.62	July 31, 1971	383.50	Feb. 10, 1972	308.98
Dec. 5, 1970	355.51	Aug. 5, 1971	377.60	Feb. 15, 1972	310.43
Dec. 10, 1970	355.16	Aug. 10, 1971	370.56	Feb. 20, 1972	311.92
Dec. 15, 1970	360.62	Aug. 15, 1971	363.20	Feb. 25, 1972	315.57
Dec. 20, 1970	361.66	Aug. 20, 1971	358.09	Feb. 29, 1972	322.50
Dec. 25, 1970	360.33	Aug. 25, 1971	355.01	Mar. 5, 1972	330.22
Dec. 31, 1970	357.50	Aug. 31, 1971	350.30	Mar. 10, 1972	335.71
Jan. 5, 1971	356.58	Sept. 5, 1971	347.70	Mar. 15, 1972	334.10
Jan. 10, 1971	354.02	Sept. 10, 1971	348.00	Mar. 20, 1972	334.16
Jan. 15, 1971	353.56	Sept. 15, 1971	345.18		
Jan. 20, 1971	355.32	Sept. 20, 1971	343.07	<b>Well ZX-77-19-102</b>	
Jan. 25, 1971	355.52	Sept. 25, 1971	337.93	Owner: Seth Young	
Jan. 31, 1971	361.98	Sept. 30, 1971	337.75	Dec. 8, 1937	75
Feb. 5, 1971	366.81	Oct. 5, 1971	335.57	Feb. 25, 1965	385.86
Feb. 25, 1971	379.98	Oct. 10, 1971	330.10	Mar. 17, 1966	379.98
Feb. 28, 1971	381.20	Oct. 15, 1971	325.05	Feb. 29, 1968	352.08
Mar. 5, 1971	384.54	Oct. 20, 1971	320.49	Feb. 4, 1969	349.96
Mar. 10, 1971	389.20	Oct. 25, 1971	316.76	Jan. 26, 1970	321.18
Mar. 15, 1971	389.95	Oct. 31, 1971	314.60	Mar. 13, 1970	313.68
Mar. 20, 1971	392.83	Nov. 5, 1971	313.72	Mar. 17, 1971	318.30
Mar. 25, 1971	398.44	Nov. 10, 1971	313.84		
Apr. 20, 1971	403.07	Nov. 15, 1971	313.64	<b>Well ZX-77-19-202</b>	
Apr. 25, 1971	398.55	Nov. 20, 1971	313.62	Owner: Bubba Day	
Apr. 30, 1971	396.71	Nov. 25, 1971	314.24	Jan. 29, 1969	351.44
May 5, 1971	393.13	Nov. 31, 1971	314.28	Mar. 23, 1972	340.59
May 10, 1971	391.62	Dec. 5, 1971	315.33		
May 15, 1971	396.52	Dec. 10, 1971	314.06	<b>Well ZX-77-19-801</b>	
May 20, 1971	398.79	Dec. 15, 1971	313.74	Owner: Paul Little	
May 25, 1971	404.95	Dec. 20, 1971	312.32	Mar. 28, 1968	331.60
May 31, 1971	412.70	Dec. 25, 1971	310.34	Apr. 23, 1969	397.28
June 5, 1971	423.24	Dec. 31, 1971	311.30	Mar. 13, 1970	297.38
June 10, 1971	427.69	Jan. 5, 1972	307.92	Mar. 17, 1971	299.90
June 30, 1971	417.87	Jan. 10, 1972	303.95	Mar. 17, 1972	353.86
July 5, 1971	407.00	Jan. 15, 1972	303.96		
July 10, 1971	398.76	Jan. 20, 1972	305.25	<b>Well ZX-77-20-101</b>	
July 15, 1971	392.05	Jan. 25, 1972	307.79	Owner: Mrs. Norman W. Gates	
				Dec. 10, 1964	370.7
				Feb. 9, 1965	371.95

Table 3.—Water Levels in Selected Wells in Zavala County—Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well ZX-77-20-101—Continued		Well ZX-77-20-101—Continued		Well ZX-77-20-101—Continued	
July 22, 1965	370.60	June 13, 1968	371.29	June 23, 1970	322.60
Sept. 21, 1965	391.88	July 12, 1968	368.51	July 21, 1970	342.30
Nov. 17, 1965	386.92	Aug. 18, 1968	368.30	Aug. 20, 1970	348.50
Jan. 25, 1966	361.52	Sept. 19, 1968	363.12	Sept. 21, 1970	348.33
Mar. 17, 1966	349.55	Oct. 16, 1968	357.15	Oct. 19, 1970	341.03
July 25, 1966	361.65	Nov. 26, 1968	371.29	Nov. 17, 1970	342.09
Sept. 20, 1966	367.41	Dec. 19, 1968	348.74	Dec. 21, 1970	349.49
Nov. 15, 1966	380.40	Jan. 27, 1969	379.66	Jan. 20, 1971	363.88
Jan. 20, 1967	366.50	Mar. 27, 1969	374.84	Feb. 24, 1971	369.71
Mar. 7, 1967	411.70	May 16, 1969	369.73	Mar. 24, 1971	380.02
May 24, 1967	368.00	July 30, 1969	378.78	Apr. 19, 1971	387.50
July 19, 1967	416.20	Sept. 26, 1969	366.62	June 17, 1971	413.28
Nov. 14, 1967	389.88	Oct. 22, 1969	369.94	July 21, 1971	423.86
Nov. 15, 1967	416.80	Nov. 20, 1969	360.66	Aug. 19, 1971	410.02
Dec. 14, 1967	403.05	Dec. 15, 1969	353.70	Sept. 20, 1971	400.30
Jan. 24, 1968	386.67	Jan. 22, 1970	339.17	Nov. 22, 1971	377.10
Jan. 29, 1968	392.66	Feb. 18, 1970	330.00	Dec. 20, 1971	367.05
Feb. 29, 1968	372.92	Mar. 24, 1970	326.66	Jan. 20, 1972	358.68
Mar. 21, 1968	397.22	Apr. 23, 1970	324.44	Feb. 24, 1972	358.50
May 23, 1968	389.62	May 20, 1970	323.94	Mar. 20, 1972	361.85

ZAVALA COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells

(Analyses given are in milligrams per liter except percent sodium, specific conductance, pH, sodium adsorption ratio, and residual sodium carbonate)  
 Water-bearing unit: Ks, Edwards and associated limestones; Ew1, Wilcox Group; Es, Carrizo Sand; Er, Reklaw Formation; Eq, Queen City Sand; Ev, Veches Formation; Eb, Bigford Formation; Esp, El Pico Clay; Es, Sparta Sand;  
 El, Laredo Formation; Ecm, Cook Mountain Formation; Ey, Yegua Formation; E1, Jackson Group; Mc, Catahoula Tuff; Mo, Oakville Sandstone; M1, Legarto Clay; Qc, terrace gravel; Qal, alluvium.  
 Dissolved solids : The bicarbonate "reported" is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.  
 Analyses by Texas State Department of Health unless indicated by footnote.

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	DBRDW (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
ZK-69-57-501	Ew1	100	May 20, 1930	--	3.1	140	47	* 203	--	483	313	185	--	0.6	--	1,125	543	--	--	44.9	3.79	0.00
Z/ 58-601	Ew1	120	Apr. 9, 1930	12	15.21	401	265	431	25	666	1,535	642	--	1.1	--	3,638	--	--	--	30.6	4.10	.00
Z/ 701	Mc	182	Dec. 10, 1927	--	--	--	--	--	--	388	30	39	0.2	.20	--	260	285	--	--	--	--	--
Z/ 702	Ec	130	May 20, 1930	--	--	130	19	* 20	--	475	29	18	--	.2	--	449	403	--	--	9.8	.43	.00
Z/ 703	Ec	172	Apr. 9, 1930	16	4.89	110	20	20	2.8	372	33	44	--	1.1	--	429	357	--	--	10.8	.46	.00
	Ec	232	Jan. 30, 1969	17	--	141	22	32	3	370	48	100	.3	13.0	0.2	557	442	945	7.5	13.4	.66	.00
	Ec	232	July 19, 1972	18	--	159	27	51	4	325	53	196	.2	17.0	--	690	510	1,130	7.1	17.7	.98	.00
Z/ 801	Ec	84	Dec. 1927	12	--	107	29	* 24	--	282	54	117	--	3.5	--	475	386	856	--	11.9	.53	.00
	Ec	84	July 19, 1972	13	--	89	20	117	< 1.0	248	102	162	.2	22.0	--	650	304	1,045	7.4	45.6	2.92	.00
	Ec	203	Apr. 26, 1969	18	--	271	69	240	4	310	177	670	.3	43.0	--	1,624	880	2,680	7.1	37.1	3.51	.00
	Ec	220	Jan. 30, 1969	7	--	194	98	131	3	254	180	360	.3	52.0	.3	1,089	640	1,750	7.4	30.6	2.25	.00
Z/ 59-402	Ec	234	Apr. 8, 1930	32	.43	128	17	35	3.8	361	69	71	--	1.2	--	534	390	--	--	16.2	.77	.00
Z/ 601	Ec	52	Nov. 26, 1930	--	68.62	222	25	* 90	--	548	5	282	--	.2	--	893	658	--	--	23.0	1.53	.00
	Ec	216	June 26, 1968	13	--	185	17	64	2	246	263	138	.4	7.5	--	810	531	1,210	7.5	20.6	1.20	.00
	Ec	225	June 26, 1969	15	--	204	17	71	2	277	272	155	.5	11.5	--	883	580	1,330	7.4	20.9	1.27	.00
	Ec	180	do	13	--	196	16	47	2	336	197	115	.2	10.0	--	761	560	1,180	7.4	15.5	.87	.00
	Ec	96	do	20	--	267	38	241	3	382	448	407	.5	13.0	--	1,624	825	2,450	7.3	38.8	3.65	.00
	Ec	100	do	20	--	212	21	70	2	339	241	172	.4	10.0	--	914	618	1,290	7.3	19.7	1.22	.00
	Ec	460	Oct. 30, 1968	15	--	132	13	32	3	366	97	38	2	3.5	.2	513	383	812	7.2	15.4	.72	.00
	Ec	274	June 26, 1969	13	--	202	16	64	2	284	240	155	.4	8.5	--	840	570	1,270	7.5	19.6	1.17	.00
	Ec	272	June 27, 1969	13	--	214	20	94	2	277	347	168	.4	11.5	--	1,005	618	1,380	7.3	24.8	1.65	.00
	Ec	250	June 26, 1969	15	--	224	27	106	3	282	312	218	.5	22.5	--	1,066	670	1,620	7.5	25.4	1.77	.00
	Ec	--	Apr. 16, 1970	27	--	108	6	35	< 1	281	42	52	.3	19	--	428	295	690	7.6	20.6	.89	.00
Z/ 501	Ec	250	Apr. 17, 1930	30	.15	111	9.1	50	4.5	281	45	94	--	22	--	503	315	--	--	25.4	1.23	.00
	Ec	900	Nov. 26, 1968	23	--	117	10	20	1	326	51	43	.2	< .4	.1	425	335	687	7.4	11.7	.49	.00
	Ec	--	June 24, 1969	20	--	119	8	20	3	334	48	39	.3	< .4	.1	421	330	697	7.5	11.6	.48	.00
	Ec	520	May 30, 1968	17	--	97	11	32	--	315	44	37	.5	< .4	--	393	389	656	7.5	19.2	.81	.00
61-509	Ec	250	Aug. 2, 1968	22	--	124	16	17	--	395	30	38	.3	2.5	--	443	377	750	7.4	9.2	.39	.00
	Ec	250	Aug. 1, 1968	20	--	160	25	34	2.0	375	39	155	.3	7.0	--	626	500	1,082	7.2	12.8	.66	.00
	Ec	250	do	22	--	121	17	21	2.0	375	34	47	.3	5.0	--	453	371	753	7.2	11.1	.48	.00
	Ec	250	July 18, 1972	24	--	175	22	33	< 1.0	398	37	158	.2	4.5	--	650	530	1,065	7.1	12	.63	.00
	Ec	250	Aug. 1, 1968	42	--	175	23	58	3.0	387	80	177	.3	6.5	--	754	530	1,240	7.1	19.0	1.09	.00
76-08-406	Ec	102	Apr. 7, 1970	38	--	72	11	60	< 1	212	39	79	.3	25	--	429	225	697	7.4	36.8	1.75	.00
	Ec	150	do	43	--	107	18	90	2	334	59	120	.3	26	--	629	341	1,000	7.5	36.4	2.13	.00

See footnotes at end of table.

ZAVALA COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RSC
ZX-76-08-703	Ec, Bnd	215	Jan. 29, 1969	22	--	108	14	193	6	293	87	299	0.5	✓ 0.4	0.5	873	327	1,500	7.4	55.6	4.64	0.00
2/ 16-802	Ec	150	Apr. 16, 1930	25	0.13	21	8.6	172	6.1	341	92	73	--	✓ .70	--	568	89	--	--	79.6	7.97	3.83
2/ 24-601	Ec	335	do	16	.29	40	12	75	4.2	293	41	26	--	✓ .52	--	358	149	--	--	51.3	2.67	1.82
603	Ec	425	July 8, 1969	17	--	45	10	68	--	289	40	21	✓ .4	✓ .4	--	343	152	559	7.6	49.4	2.41	1.70
604	Ec	--	do	16	--	43	9	68	--	288	37	19	✓ .4	✓ .4	--	334	146	562	7.6	50.4	2.45	1.81
604	Ec	--	July 20, 1972	16	--	43	12	100	✓ 1.0	306	50	53	✓ .3	✓ .4	--	424	157	690	7.7	58.1	3.48	1.88
607	Ec	--	July 8, 1969	17	--	39	11	71	--	282	36	23	✓ .4	✓ .4	--	336	145	553	7.7	51.6	2.56	1.73
612	Ec	--	do	16	--	37	13	75	--	285	35	21	✓ .4	✓ .4	--	337	145	550	7.6	53.0	2.71	1.79
77-01-101	Ec	150	Apr. 7, 1970	27	--	128	30	100	2	328	125	181	✓ .5	✓ .4	--	754	442	1,200	7.7	32.8	2.07	.00
2/ 201	Ec	134	Oct. 18, 1930	--	.06	60	19	* 60	--	248	66	60	--	✓ 3.3	--	390	228	--	--	36.5	1.73	.00
304	Ec	342	Jan. 16, 1969	20	--	103	17	19	--	364	30	21	✓ .2	✓ .5	✓ .2	389	329	635	7.2	11.0	.45	.00
405	Ec	271	June 11, 1970	21	--	82	19	71	--	285	52	103	✓ .4	✓ .4	--	488	286	820	7.7	35.0	1.82	.00
602	Ec	400	Jan. 29, 1969	23	--	94	18	23	3	356	34	22	✓ .4	✓ .8	--	392	312	640	7.7	13.9	.58	.00
603	Ec	350	Feb. 7, 1969	24	--	92	20	31	3	321	52	48	✓ .4	✓ 3.5	--	431	314	694	7.4	17.5	.76	.00
606	Ec	494	Jan. 8, 1969	20	--	106	13	23	3	353	36	23	✓ .4	✓ .4	✓ .2	397	316	630	7.5	13.4	.56	.00
609	Ec	364	Jan. 14, 1969	18	--	102	14	17	3	345	30	24	✓ .3	✓ 16.0	✓ .2	393	312	620	7.2	10.2	.41	.00
2/ 701	Ec	202	Apr. 18, 1930	26	.15	34	15	154	5.6	332	82	94	--	✓ .30	--	574	146	--	--	68.6	5.54	2.51
3/ 02-102	Ec	380	Feb. 26, 1969	18	--	98	17	75	3	300	64	120	✓ .3	✓ .4	✓ .1	542	313	919	7.2	34.0	1.85	.00
105	Ec	240	Dec. 27, 1948	16	--	105	24	* 15	--	356	41	40	--	✓ 1.8	--	417	360	751	--	8.3	.34	.00
109	Ec	410	Jan. 16, 1969	13	--	96	16	16	3	271	39	50	✓ .3	✓ 1.5	✓ .2	367	306	625	7.3	9.9	.39	.00
116	Ec	523	Feb. 7, 1969	16	--	83	15	12	2	277	31	28	✓ .3	✓ .4	✓ .2	323	270	540	7.2	8.7	.32	.00
116	Ec	523	July 19, 1972	9	--	79	16	14	✓ 1.0	287	25	22	✓ .3	✓ .4	--	306	266	516	7.4	10.4	.38	.00
2/ 201	Ec	351	Oct. 25, 1930	--	2.01	281	54	* 75	--	353	88	500	--	✓ .42	--	1,171	--	--	--	15.0	1.07	.00
201	Ec	351	Oct. 31, 1968	14	--	93	13	21	3	250	58	49	✓ .2	✓ 5.5	✓ .1	379	285	638	7.3	13.6	.54	.00
202	Ec	325	July 31, 1968	13	--	108	10	13	--	254	79	31	✓ .3	✓ .4	--	379	311	624	7.4	8.4	.32	.00
206	Ec	355	do	13	--	106	18	154	2.0	334	34	273	✓ .3	✓ .4	--	764	340	1,390	7.4	49.5	3.64	.00
403	Ec	575	Mar. 27, 1968	18	--	77	13	13	--	287	23	17	✓ .3	✓ .4	--	302	248	514	7.6	10.5	.37	.00
403	Ec	575	July 19, 1972	20	--	80	14	11	✓ 1.0	283	23	15	✓ .2	✓ .4	✓ .1	302	257	483	7.6	8.4	.29	.00
406	Ec	705	Feb. 26, 1969	20	--	80	11	14	3	285	22	18	✓ .3	✓ .4	✓ .2	308	247	510	7.3	11.0	.39	.00
407	Ec	765	July 31, 1968	29	--	73	17	40	--	322	42	24	✓ .4	✓ .4	--	383	232	621	7.5	25.6	1.09	.24
408	Ec	492	Feb. 26, 1969	20	--	68	15	17	3	279	24	14	✓ .4	✓ .4	--	298	231	495	7.3	13.8	.49	.00
509	Ec	734	Jan. 22, 1969	16	--	75	12	12	2	270	20	14	✓ .2	✓ .4	✓ .1	284	239	480	7.3	9.4	.32	.00
3/ 601	Q1	70	Dec. 27, 1946	13	--	97	21	* 9.7	--	372	19	12	--	✓ 9.2	--	363	328	631	--	6.0	.23	.00
603	Q1	70	Feb. 26, 1969	18	--	254	99	225	3	378	304	610	✓ .4	✓ 21.5	--	1,720	1,040	2,730	7.0	31.9	3.04	.00

See footnotes at end of table.

ZAVALA COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	REC
ZK-77-02-604	Q1	70	Feb. 4, 1969	11	--	105	16	20	1	278	37	65	< 0.1	8.0	--	399	326	696	7.3	11.7	0.48	0.00
605	Q1	70	Feb. 25, 1969	13	--	154	49	118	2	315	152	309	.4	16.0	--	967	590	1,650	7.2	30.4	2.12	.00
703	Eh	230	Feb. 8, 1928	29	2.0	48	16	66	5.1	338	38	16	--	.05	--	384	186	--	--	42.7	2.10	1.82
707	Ec	795	Feb. 27, 1969	23	--	75	17	18	3	307	23	15	.4	< .4	--	325	256	485	7.3	13.2	.49	.00
03-309	Ec	718	May 24, 1968	15	--	142	15	31	--	301	103	92	.3	2.0	--	547	416	896	7.3	14.1	.67	.00
315	Ec	590	do.	15	--	123	9	23	--	350	70	28	.3	< .4	--	440	345	709	7.4	12.5	.53	.00
316	Ec	700	Oct. 25, 1968	15	--	98	9	12	--	284	46	22	.3	< .4	--	342	283	568	7.4	8.1	.30	.00
2) 401	Ec	730	1930	--	1.6	99	27	* 136	--	345	150	152	--	.30	--	733	358	--	--	45.3	3.13	.00
605	Ec	700	June 25, 1969	15	--	94	8	18	2	294	31	25	.4	< .4	--	337	268	568	7.5	12.6	.48	.00
04-201	Ec	550	do	15	--	98	9	12	2	298	34	20	.4	< .4	--	336	282	552	7.6	8.4	.31	.00
202	Ec	550	do	15	--	97	9	12	2	296	33	20	.3	< .4	--	333	280	557	7.6	8.1	.30	.00
204	Ec	712	June 27, 1969	15	--	120	8	25	2	310	77	37	.4	1.5	--	437	332	702	7.4	14.0	.60	.00
301	Ec	630	June 24, 1969	18	--	106	10	17	2	320	38	29	.4	< .4	--	377	306	578	7.6	11.8	.43	.00
2) 401	Q1	54	Feb. 9, 1928	25	.06	125	18	30	2.9	364	90	33	--	7.3	--	510	--	--	--	14.5	.67	.00
412	Ec	925	Mar. 6, 1969	.9	--	88	9	12	2	277	30	16	.4	< .4	0.2	302	258	508	7.7	8.9	.32	.00
415	Ec	950	July 2, 1969	17	--	77	7	30	3	268	37	23	.4	< .4	--	326	223	536	7.5	22.3	.87	.00
417	Ec	920	Nov. 7, 1968	16	--	87	10	15	2	266	38	22	.4	< .4	.2	321	258	536	7.3	11.0	.40	.00
418	Ec	900	July 2, 1969	15	--	83	7	17	2	273	28	17	.4	< .4	--	303	238	512	7.4	13.6	.49	.00
419	Ec	900	July 3, 1969	16	--	85	9	11	2	267	29	16	.3	< .4	--	299	249	494	7.5	8.4	.29	.00
420	Ec	925	Oct. 18, 1968	15	--	88	8	11	--	272	30	20	.3	< .4	--	306	256	516	7.5	8.3	.29	.00
421	Ec	--	July 3, 1969	17	--	86	5	12	2	256	28	18	.4	< .4	--	294	236	488	7.4	9.7	.33	.00
422	Ec	975	do.	16	--	86	7	12	2	256	27	18	.4	< .4	--	294	242	488	7.4	9.4	.33	.00
429	Q1	80	July 2, 1969	19	--	442	76	374	4	360	1,050	580	.7	59.0	--	2,780	1,420	3,500	7.1	36.4	4.32	.00
430	Ec	930	Oct. 29, 1968	15	--	98	12	25	3	288	63	40	.4	< .4	.1	398	296	645	7.3	15.4	.63	.00
430	Ec	930	July 18, 1972	17	.06	91	10	16	< 1.0	278	35	21	.3	< .4	.1	327	267	520	7.3	11.6	.43	.00
502	Ec	950	June 26, 1969	18	--	92	10	14	3	285	35	22	.4	< .4	--	334	272	556	7.7	9.8	.36	.00
503	Ec	930	do	15	--	90	9	12	2	282	34	20	.4	< .4	--	321	262	534	7.1	9.3	.33	.00
504	Zc	900	do	15	--	93	8	16	--	283	43	22	.4	< .4	--	336	268	556	7.6	11.3	.42	.00
508	Ec	900	Feb. 21, 1969	18	--	96	17	188	7	388	85	130	.9	< .4	--	672	161	1,125	7.7	70.7	6.45	3.15
509	Ec	1,037	Feb. 4, 1969	16	--	89	11	13	2	285	31	20	< .1	< .4	.1	322	267	535	7.3	9.4	.34	.00
510	Ec	1,000	July 29, 1968	13	--	90	10	12	--	283	27	21	.3	< .4	--	313	266	539	7.5	8.8	.32	.00
514	Ec	900	June 25, 1969	20	--	87	10	23	3	298	35	21	.4	< .4	--	345	259	570	7.7	15.7	.61	.00
515	Ec	900	do	18	--	80	11	35	3	299	39	28	.5	< .4	--	361	246	603	7.5	23.5	.98	.00
517	Q1	72	Feb. 25, 1969	23	--	660	180	462	6	409	1,310	1,120	.8	80.0	--	4,041	2,380	5,110	7.0	29.6	4.11	.00

See footnotes at end of table.

ZAVAJA COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BI-CARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SR	REC
2X-77-04-604	Ec	1,005	June 25, 1969	15	--	87	10	16	3	271	33	25	0.4	< .4	--	322	256	534	7.6	12.0	0.44	0.00
605	Ec	1,006	July 2, 1969	17	--	97	6	15	2	285	34	23	.4	< .4	0.1	334	268	551	7.5	10.6	.39	.00
606	Ec	1,064	do	18	--	92	8	23	3	288	38	30	.4	< .4	--	354	264	586	7.5	16.0	.63	.00
607	Ec	981	Feb. 27, 1969	18	--	92	9	15	2	287	34	24	.4	< .4	.3	335	266	556	7.3	10.8	.40	.00
608	Ec	960	do	13	--	30	19	356	10	210	63	500	1.2	< .4	--	1,094	152	1,960	8.1	82.4	12.36	.40
702	Q1	--	May 3, 1939	--	--	--	--	--	--	432	141	67	--	5.0	--	--	510	--	--	--	--	--
709	Ec	1,005	Nov. 15, 1968	16	--	86	9	12	2	264	31	17	.3	< .4	.1	303	252	498	7.7	9.0	.32	.00
711	Q1	60	Nov. 7, 1968	28	--	660	181	860	--	410	1,610	1,530	.9	71	--	5,141	2,390	6,590	6.8	44.0	7.67	.00
809	Q1	70	June 26, 1969	18	--	640	86	213	6	315	510	1,120	.5	38.0	--	2,785	1,970	4,200	7.1	19.0	2.09	.00
813	Q1	72	Feb. 25, 1969	18	--	550	72	215	4	266	466	990	.4	30.5	--	2,476	1,670	3,710	7.1	21.8	2.29	.00
817	Q1	72	June 26, 1969	18	--	530	71	179	5	321	369	920	.4	20	--	2,269	1,630	3,560	7.3	19.2	1.93	.00
818	Ec	1,087	Nov. 6, 1968	16	--	87	10	11	2	268	30	20	.3	< .4	.2	308	259	523	7.6	8.3	.29	.00
819	Q1	71	do	20	--	760	90	419	5	327	920	1,380	.7	68	--	3,822	2,280	5,340	6.8	28.5	3.82	.00
09-102	Ec	600	Apr. 7, 1970	15	--	63	30	430	3	270	224	540	.7	< .4	1.5	1,438	280	2,340	7.9	76.7	11.18	.00
707	Ec	--	Oct. 29, 1968	23	--	41	9	54	4	140	35	74	.3	5.5	--	314	141	561	7.3	44.8	1.99	.00
708	Ec	735	July 9, 1969	17	--	40	22	100	4	317	45	73	.5	< .4	--	457	192	762	7.5	52.4	3.12	1.36
709	Ec, Box1	751	July 9, 1969	17	--	45	17	73	--	316	51	20	.3	< .4	--	378	183	588	7.6	46.4	2.34	1.53
10-102	Ec	--	June 7, 1968	19	--	81	13	18	--	306	24	14	.4	< .4	--	319	255	534	7.4	13.1	.48	.00
103	Ec	--	Feb. 27, 1969	20	--	70	14	19	3	292	22	12	.4	< .4	--	303	232	509	7.4	14.8	.54	.15
105	Ec	735	do	23	--	73	18	18	3	307	23	17	.3	< .4	--	326	256	533	7.3	13.0	.49	.00
302	Ec	--	July 2, 1969	20	--	124	17	29	4	360	71	54	.5	< .4	.2	496	377	796	7.2	14.3	.65	.00
601	Ec	1,053	June 7, 1968	18	--	117	15	29	--	350	66	46	.5	< .4	--	463	354	763	7.3	15.1	.67	.00
603	Ec	1,001	Oct. 25, 1930	--	4.59	92	20	122	--	366	92	128	--	.10	--	633	--	--	--	46.0	3.01	.00
605	Ec	1,093	June 7, 1968	17	--	116	13	32	--	354	72	39	.5	< .4	--	463	343	753	7.4	17.1	.76	.00
609	Ec	1,038	July 8, 1969	18	--	112	14	32	--	359	61	42	.5	< .4	--	455	338	750	7.5	17.0	.75	.00
610	Ec	989	do	20	--	110	18	28	--	349	60	43	.5	< .4	--	450	349	715	7.4	15.0	.66	.00
611	Ec	903	do	18	--	120	17	30	--	361	65	51	.4	< .4	--	478	371	775	7.3	14.9	.68	.00
613	Ec	1,038	June 1968	17	--	114	16	33	--	361	71	44	.5	< .4	--	472	351	774	7.3	16.8	.76	.00
614	Ec	989	July 8, 1969	19	--	111	17	27	--	346	62	37	.4	< .4	--	442	349	713	7.2	14.4	.63	.00
903	Hep	260	June 28, 1919	38	.25	145	65	*2,030	--	139	805	2,900	--	4.8	--	6,056	629	--	--	87.5	35.21	.00
904	Ec	1,007	Feb. 18, 1969	16	--	102	18	40	5	350	82	41	.4	< .4	.3	476	330	767	7.3	20.8	.97	.00
11-601	Ec	1,200	Oct. 30, 1968	16	--	98	13	34	4	323	65	36	.4	< .4	--	425	299	691	7.3	19.5	.85	.00
601	Ec	1,200	July 2, 1969	17	--	92	13	30	5	305	56	28	.5	< .4	.2	391	286	640	7.7	18.3	.78	.00
701	Ec	1,163	Dec. 27, 1948	16	--	98	25	* 24	--	320	83	36	--	--	--	439	--	754	--	13.0	.56	.00

See footnotes at end of table.

## ZAVALA COUNTY

Table 4.--Chemical Analyses of Water From Selected Wells -- Continued

WELL	AQUIFER	DEPTH OF WELL (FT)	DATE OF COLLECTION	SILICA (SiO <sub>2</sub> )	IRON (Fe)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (NO <sub>3</sub> )	BORON (B)	DISSOLVED SOLIDS	TOTAL HARDNESS AS CaCO <sub>3</sub>	SPECIFIC CONDUCTANCE (MICROMHOS AT 25°C)	pH	PERCENT SODIUM	SAR	RBC
ZK-77-11-701	Ec	1,163	June 7, 1968	17	--	107	14	35	--	344	75	34	0.4	< 0.4	--	451	325	734	7.3	19.0	0.84	0.00
702	Ec	1,150	June 25, 1969	15	--	108	14	40	6	343	88	36	.5	< .4	--	475	327	771	7.5	20.8	.97	.00
705	Ec	1,143	June 6, 1968	17	--	100	15	36	--	336	70	31	.5	< .4	--	434	309	702	7.4	20.2	.89	.00
707	Ec	1,151	Oct. 4, 1968	16	--	86	16	40	--	301	80	37	.4	< .4	0.2	425	287	693	7.7	23.2	1.02	.00
716	Ec	--	Jan. 15, 1969	16	--	104	17	39	--	340	74	36	.5	< .4	--	453	328	730	7.3	20.7	.94	.00
12-701	E1	47	Dec. 7, 1969	39	--	82	17	23	--	271	41	41	--	1.2	--	377	274	661	7.4	15.4	.60	.00
17-105	Ec	618	July 9, 1969	17	--	47	14	61	--	290	36	17	.5	< .4	--	334	174	550	7.7	43.2	2.00	1.29
106	Ec	606	Oct. 30, 1968	15	--	50	11	63	4	293	39	22	.4	< .4	--	348	169	566	7.6	44.0	2.10	1.43
107	Ec	600	July 9, 1969	17	--	46	10	66	--	292	37	20	.4	< .4	--	339	155	550	7.7	47.9	2.29	1.68
204	Ec	703	Oct. 30, 1968	18	--	56	13	67	4	287	33	53	.4	< .4	--	385	191	647	7.6	42.8	2.12	.88
602	Ec	--	July 8, 1969	18	--	51	11	44	--	261	30	18	.4	< .4	--	300	173	490	7.7	35.6	1.43	.83
603	Ec	917	do	18	--	50	11	45	3	267	30	17	.4	< .4	--	305	172	493	7.6	35.6	1.49	.94
703	Ec, Ewf	450	July 5, 1957	--	--	--	--	--	--	--	--	78	--	--	--	--	--	578	--	--	--	--
710	Ewf	440	Mar. 4, 1969	18	--	48	18	109	6	273	106	70	.5	5.6	.5	514	196	828	7.6	53.9	3.39	.56
902	Ec	832	Jan. 11, 1969	17	--	39	11	64	--	278	26	21	.3	< .4	--	315	142	520	7.9	49.6	2.35	1.73
19-105	Ec	1,035	Feb. 19, 1969	16	--	53	15	40	3	254	37	24	.7	< .4	--	313	194	523	7.5	30.6	1.25	.29
402	Ec	976	July 9, 1969	19	--	45	11	50	--	253	31	19	.5	< .4	--	299	158	496	7.5	41.0	1.75	.99
402	Ec	976	July 20, 1972	16	--	12	4	81	1.0	178	33	27	.4	< .4	.2	261	46	413	7.9	79.3	5.19	2.00
503	Ec	955	do	21	.42	60	17	82	1.0	276	60	73	.4	< .4	.3	449	220	717	7.6	46.9	2.41	.12
<sup>2/</sup> 602	Ec	1,038	June 20, 1930	26	1.14	96	21	56	6.0	344	94	53	--	.62	--	521	--	--	--	27.1	1.35	.00
19-705	Ec	--	Jan. 11, 1969	18	--	71	15	58	--	307	66	32	.5	< .4	--	411	241	666	7.5	34.5	1.63	.23
711	Ec	--	June 26, 1969	20	--	65	11	63	6	307	67	30	.6	< .4	--	413	210	661	7.6	38.9	1.91	.85
803	Ec	1,307	Apr. 24, 1969	23	--	47	11	86	5	300	57	35	.6	< .4	.3	411	164	664	7.6	52.2	2.90	1.64
804	Ec	1,300	Apr. 23, 1969	20	--	49	13	89	5	300	57	48	.5	< .4	.3	428	178	705	7.5	51.2	2.90	1.36

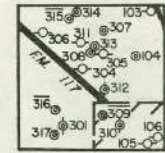
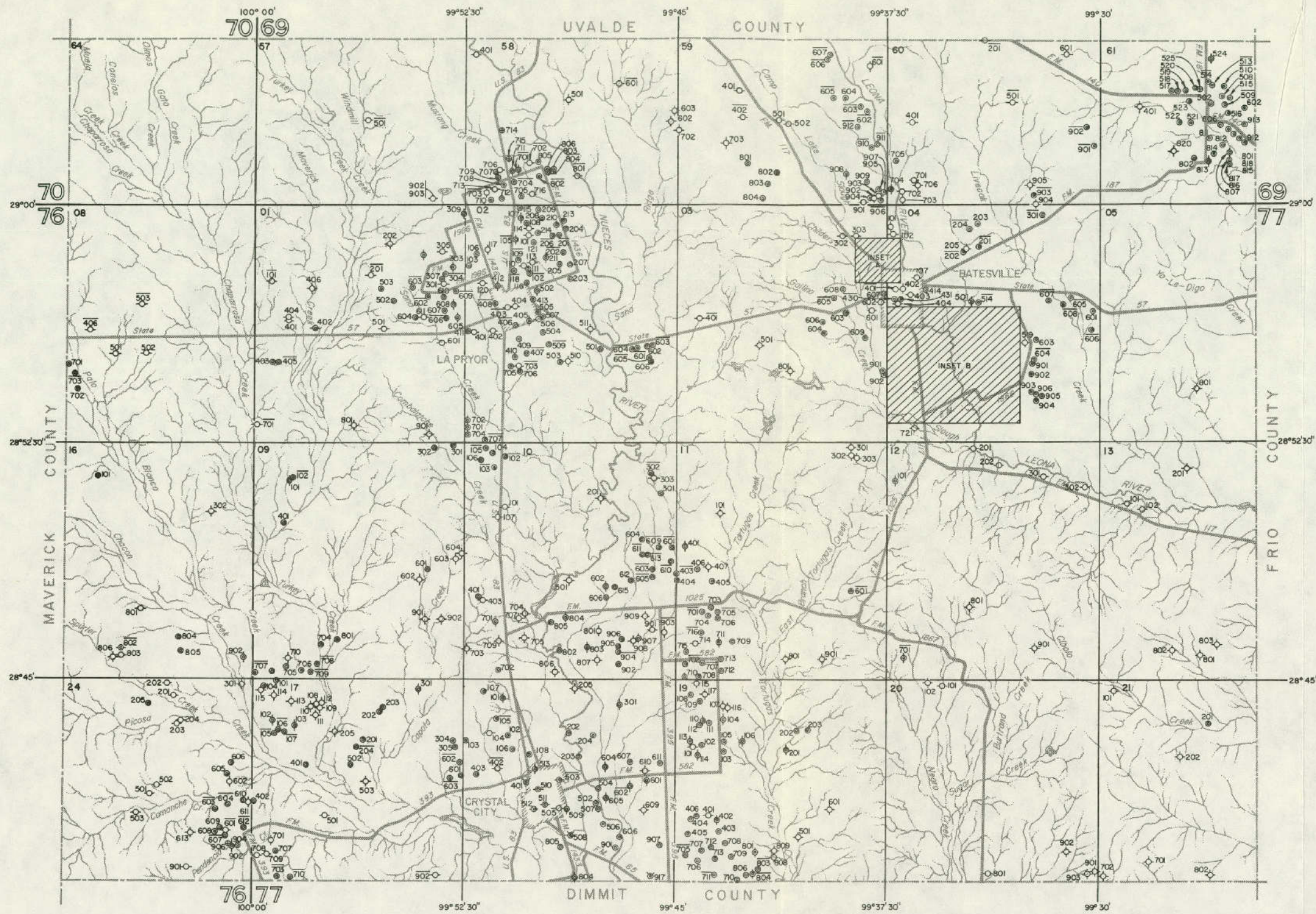
\* Sodium and potassium calculated as sodium (Na).

<sup>1/</sup> Includes the equivalent of any carbonate (CO<sub>3</sub>) present.

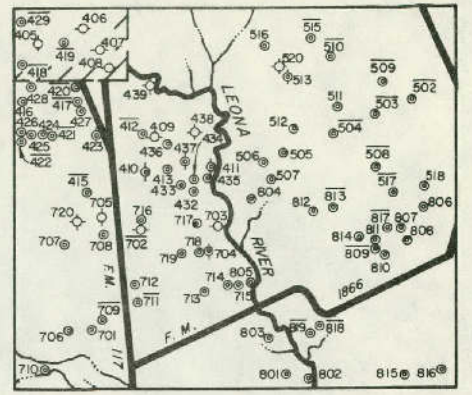
LABORATORY CONDUCTING ANALYSIS:

<sup>2/</sup> U.S. Geological Survey Laboratory<sup>3/</sup> Laboratory unknown

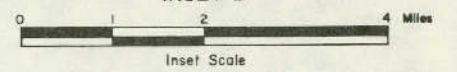




INSET A

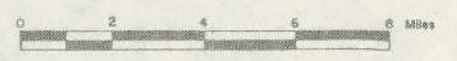
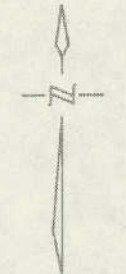


INSET B



EXPLANATION

- Public supply well
- Industrial well
- Irrigation well
- Domestic or livestock well
- Oil or gas well
- Test hole
- Unused or abandoned well
- Solid circle indicates flowing well
- Line above well number indicates chemical analysis given in Table 4



Location of Selected Water, Oil, and Gas Wells in Zavala County



