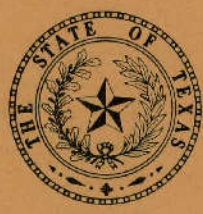


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TEXAS  
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Report 201

*RECORDS OF WELLS,  
DRILLERS' LOGS, WATER-LEVEL  
MEASUREMENTS, AND CHEMICAL  
ANALYSES OF GROUND WATER IN  
BRAZORIA, FORT BEND, AND WALLER  
COUNTIES, TEXAS, 1966-74*

March 1976



TEXAS WATER DEVELOPMENT BOARD

REPORT 201

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MEASUREMENTS, AND CHEMICAL ANALYSES OF  
GROUND WATER IN BRAZORIA, FORT BEND,  
AND WALLER COUNTIES, TEXAS, 1966-74

By

W. L. Naftel, Kenneth Vaught, and Bobbie Fleming  
United States Geological Survey

This report was prepared by the U.S. Geological Survey  
under cooperative agreement with the  
Texas Water Development Board

March 1976

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**RECORDS OF WELLS, DRILLERS' LOGS, WATER-LEVEL  
MEASUREMENTS, AND CHEMICAL ANALYSES OF  
GROUND WATER IN BRAZORIA, FORT BEND,  
AND WALLER COUNTIES, TEXAS, 1966-74**

**INTRODUCTION**

Reports describing the ground-water resources of Brazoria, Fort Bend, and Waller Counties were prepared and published in 1973, 1972, and 1969, respectively. Sandeen and Wesselman (1973), in describing the resources of Brazoria County, tabulated records of wells, drillers' logs, water-level measurements, and chemical analyses gathered during the course of his study.

This report presents data collected since the investigation by Sandeen and Wesselman (1973) and updates records tabulated by Wesselman (1972) in Fort Bend County and by Wilson (1967) in Waller County. These records are being collected in cooperation with the Texas Water Development Board to evaluate the ground-water resources of the greater Houston-Galveston region.

Most of the chemical analyses presented in this report were determined in the laboratories of the U.S. Geological Survey, but some data were obtained from commercial analyses. Dissolved nitrite plus nitrate (N), dissolved orthophosphorous (P), dissolved solids (sum of constituents), hardness (Ca, Mg), percent sodium, residual sodium carbonate (RSC), and sodium adsorption ratio (SAR) were recalculated from commercial analyses to correspond to U.S. Geological Survey reporting methods.

The English units used in this report may be converted to metric units by the following conversion factors:

FROM	MULTIPLY BY	TO OBTAIN
feet	0.3048	meters
gallons per minute	.06309	liters per second
inches	2.54	centimeters

**WELL-NUMBERING SYSTEM**

The well-numbering system used in this report was devised by the Texas Water Development Board for use throughout the State. Under the system, each 1-degree quadrangle is given a number consisting of two digits. These are the first two digits in the well number. Each 1-degree quadrangle is divided into 7½-minute quadrangles which are given two-digit numbers from 01 to 64. These are the third and fourth digits of the well number. Each 7½-minute quadrangle is divided into 2½-minute quadrangles which are given a single-digit number from 1 to 9. This is the fifth digit of the well number. Finally, each well within a 2½-minute quadrangle is given a two-digit number in the order in which it was inventoried, starting with 01. These are the last two digits of the well number.

On the well-location maps (Figures 1-3), only the last three digits are shown at each well location; the second two digits are shown in the northwest corner of each 7½-minute quadrangle; and the first two digits are shown by the large block numerals 59, 60, 65, 66, and 81.

In addition to the seven-digit well number, a two-letter prefix is used to identify the county. The prefix for Brazoria County is BH; for Fort Bend County, JY; and for Waller County, YW.

## REFERENCES CITED

Sandeen, W. M., and Wesselman, J. B., 1973, Ground-water resources of Brazoria County, Texas: Texas Water Devel. Board Rept. 163, 199 p., 29 figs.

Wilson, C. A., 1967, Ground-water resources of Austin and Waller Counties, Texas: Texas Water Devel. Board Rept. 68, 236 p., 27 figs.

Wesselman, J. B., 1972, Ground-water resources of Fort Bend County, Texas: Texas Water Devel. Board Rept. 155, 176 p., 33 figs.



Table 1.--Records of Wells in Brazoria County

Water levels : Reported water levels given in feet; measured water levels given in feet and tenths.  
 Method of lift and type of power: E, electric; G, gasoline, butane, or diesel engine; Ng, natural gas; Sub, submersible. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; P, public supply; S, livestock.  
 Water-bearing units : C, Chicot aquifer, CU upper unit of Chicot aquifer; CL, lower unit of Chicot aquifer.

No.	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.)			Above (+) below land surface datum (ft.)	Date of measurement			
BH-65-30-408	W. D. Smith	O'Day Drilling Co.	1971	445	4 2 1/2	420 445	C	57	155	Aug. 4, 1971	--	P	Screen from 414 to 445 feet. Reported yield 100 gal/min with 15 feet drawdown when drilled. <u>1/</u>
409	Mr. Trausdale	Almeda Water Well Service	1971	291	4 2 1/2	277 291	C	61	142	July 2, 1971	Sub,E 1	D	Screen from 277 to 289 feet. Reported yield 90 gal/min when drilled. <u>1/</u>
507	C. J. Bird	O'Day Drilling Co.	1971	320	4 2 1/2	300 320	C	56	143	Apr. 1971	Sub,E 1	D	Screen from 310 to 320 feet. Reported yield 60 gal/min when drilled. <u>1/</u>
509	Sharon Plaza Nursery	do.	1971	299	4 2 1/2	287 299	C	55	140	Apr. 1971	Sub,E 3	Irr	Screen from 289 to 299 feet. Reported yield 90 gal/min when drilled. <u>1/</u>
613	Everett Construction Co.	do.	1970	322	6 4	300 322	C	53	140	Nov. 2, 1970	--	Ind	Screen from 302 to 322 feet. Reported yield 125 gal/min when drilled. <u>1/</u>
709	C. A. Kouch, Sr.	Davis Bros.	1969	518	4	518	C	59	157	Sept. 3, 1969	--	D	Screen from 508 to 518 feet. <u>1/</u>
811	Mr. Mickan	O'Day Drilling Co.	1971	318	4 2 1/2	294 318	C	46	150	July 1971	--	D	Screen from 308 to 318 feet. Reported yield 60 gal/min when drilled. <u>1/</u>
38-121	Foley Prozenzano	H&H Water Well Drilling	1971	202	4	202	C	56	12	July 30, 1971	--	D	Screen from 189 to 199 feet. <u>1/</u>
122	Southwestern Bell Telephone	Lowry Water Wells	1971	570	4 2 1/2	544 570	C	58	124	Feb. 25, 1971	--	Ind	Screen from 550 to 570 feet. <u>1/</u>
123	Julius Cimer Hanzel	T. H. Weaver Water Well Service	1971	180	4 2 1/2	147 180	C	55	16	Aug. 7, 1971	Sub,E 5	D	Screen from 165 to 180 feet. <u>1/</u>
502	Dr. Boyle	do.	1969	141	4 2 1/2	126 141	C	50	17	Nov. 20, 1967	--	D	Screen from 120 to 141 feet. <u>1/</u>
607	Dr. Kenneth Chamblor	do.	1969	58	4 2 1/2	47 58	C	50	13	Oct. 24, 1969	--	D	Screen from 47 to 58 feet. <u>1/</u>
902	C. A. Rooth	Walker Water Well Service	1971	48	6	48	C	35	6	Aug. 28, 1971	--	Irr	Open end. Reported yield 50 gal/min when drilled. <u>1/</u>
39-108	Gas-At-Way, Inc.	O'Day Drilling Co.	1970	386	4	386	C	40	162	Nov. 17, 1970	--	Ind	Plastic screen from 378 to 386 feet. Reported yield 90 gal/min when drilled. <u>1/</u>
703	Gulf Oil Corp.	Lowry Water Wells	1969	155	4	155	C	40	45	Oct. 1, 1969	Sub,E 1	Ind	Screen from 145 to 155 feet. Supplies service station. <u>1/</u>
43-706	Albert Daunhouse	R. R. Matula Water Well Drilling & Service	1968	135	4	135	C	58	21	Mar. 1968	Sub,E 1	Irr	Screen from 125 to 135 feet. <u>1/</u>
# 44-906	Texas Department of Corrections, Ramsey Unit	Layne-Texas Co.	1972	885	14 8	640 885	CL	42	77	Nov. 9, 1972	T,E	P	135 feet of screen between 650 and 870 feet. Reported yield 510 gal/min with 35 feet drawdown when drilled. <u>1/</u>
45-110	Rex C. Bailey, Jr.	L. Patterson, Inc.	1969	324	4	324	C	50	68	Jan. 7, 1969	Sub,E 1 1/2	P	Screen from 307 to 323 feet. Reported yield 45 gal/min when drilled. <u>1/</u>

See footnotes at end of table.

Table 1.--Records of Wells in Brazoria County--Continued

No.	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.)			Above (+) or below land surface datum (ft.)	Date of measurement			
BH-65-46-609	Stanley Richardson	T. H. Weaver Water Well Service	1971	189	4 2 1/2	168 189	C	15	10	July 26, 1971	--	D	Screen from 168 to 189 feet. <u>1/</u>
610	Kelso Building Materials Co.	--	1962	350	8	350	C	15	66.6 75.0	Jan. 25, 1967 Jan. 16, 1973	Sub,E	Ind	Ready mix cement plant. <u>2/</u>
50-813	E. P. Duke	Leonard W. Mickelson	1971	425	20 12	243 425	C	40	38	July 1971	--	Irr	223 feet of slotted pipe.
904	Charles Giess	Katy Drilling, Inc.	1968	815	20 12	403 815	C	45	95	Nov. 18, 1968	T,Ng	Irr	Slotted pipe. <u>1/</u>
51-303	T. S. Greenwald	do.	1968	997	20 12	543 997	C	47	91	Aug. 30, 1968	T,Ng	Irr	404 feet of slotted pipe. Reported yield 3,511 gal/min with 87 feet drawdown when drilled. <u>1/</u>
# 604	Varner Creek Municipal Utility District, Columbia Lakes, well 3	Layne-Texas Co.	1973	640	14 8	550 640	CL	34	70	July 25, 1973	T,E 50	F	65 feet of screen between 560 and 630 feet. Reported yield 717 gal/min with 76 feet drawdown when drilled. <u>1/</u>
914	Tenneco	B&P Drilling Contractors	1967	149	20 12	71 149	C	31	23	Oct. 1967	T,E 35	F	Screen from 95 to 145 feet. Reported yield 800 gal/min with 71 feet drawdown when drilled. <u>1/</u>
52-206	Monsanto Co.	do.	1969	161	4	161	C	35	27	Jan. 1, 1969	T,E 1	Ind	Screen from 145 to 155 feet. Reported yield 150 gal/min when drilled. <u>1/</u>
606	Dan Filder	Oliver & Son Water Well Drilling Co.	1971	434	4 2 1/2	420 434	C	30	36	Sept. 2, 1971	Sub,E	D	Screen from 426 to 434 feet. Reported yield 30 gal/min when drilled. <u>1/</u>
# 708	Varner Creek Municipal Utility District, Columbia Lakes, well 1	Layne-Texas Co.	1972	220	20 12	81 220	CU	28	20	Nov. 10, 1972	T,E 30	P	82 feet of screen between 90 and 202 feet. Reported yield 503 gal/min with 63 feet drawdown when drilled. Test hole drilled to 1,015 feet. <u>1/</u>
# 54-104	Brazoria County WC&ID No. 4, Danbury	do.	1970	235	10	235	CU	20	14	Aug. 10, 1970	T,E	P	50 feet of screen between 160 and 230 feet. Reported yield 254 gal/min with 28 feet drawdown when drilled. <u>1/</u>
802	Superior Building Co.	T. C. Bussell & Son	1971	283	6 4	242 283	C	5	34	Nov. 8, 1971	--	Ind	Screen from 263 to 283 feet. <u>1/</u>
55-201	Harkins Drilling Co.	Joe Ferguson Water Well Drilling	1972	206	4	206	C	10	60	Feb. 20, 1972	--	Ind	Screen from 185 to 206 feet. Test hole drilled to 358 feet. <u>1/</u>
# 202	Amoco Chemical Corp.	Texas Water Wells, Inc.	1969	840	8 4	740 840	C	10	76	Mar. 6, 1969	T,E 15	Ind	72 feet of screen between 750 and 838 feet. Reported yield 162 gal/min with 31 feet drawdown when drilled. <u>1/</u>
58-907	Amoco Production Co.	Katy Drilling, Inc.	1973	180	18 10	114 180	C	30	32	July 1973	E	Ind	Screen from 120 to 174 feet. Reported yield 491 gal/min with 78 feet drawdown when drilled. <u>1/</u>

See footnotes at end of table.

Table 1.--Records of Wells in Brazoria County--Continued

No.	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.)			Above (+) or below land surface datum (ft.)	Date of measurement			
BR-65-59-303	J. A. King	Industrial Drillers	1972	193	12	193	CU	30	14	July 25, 1972	T,G 50	Irr	81 feet of slotted pipe between 68 and 193 feet. Reported yield 1,000 gal/min when drilled. <u>1/</u>
60-703	Clyde Gaul	Oliver & Son Water Well Drilling Co.	1971	481	4 2	126 481	C	15	36	July 19, 1971	Sub,E 2	D	Reported yield 39 gal/min when drilled. <u>1/</u>
61-304	Tom J. Tigner	Russell B. Hayden	1969	101	2	101	C	10	18	Oct. 10, 1969	Sub,E 1/3	S	Screen from 89 to 100 feet. Reported yield 12 gal/min when drilled. Supplies stock tank. <u>1/</u>
607	City of Richwood	Katy Drilling, Inc.	1972	340	16 10	220 340	CU	14	50	Mar. 1972	T,E 60	P	Screen from 225 to 332 feet. Reported yield 453 gal/min with 82 feet drawdown when drilled. <u>1/</u>
809	City of Lake Jackson, well 8	Texas Water Wells, Inc.	1972	340	-- 10	-- 340	C	14	100	Aug. 1972	T,E 40	P	Screen from 303 to 329 feet. Reported yield 350 gal/min with 47 feet drawdown when drilled. <u>1/2/</u>
810	City of Lake Jackson, well 9	Texas Water Wells, Inc.	1972	340	-- 10	-- 340	C	14	100	Aug. 1972	T,E	P	Screen from 303 to 325 feet. Reported yield 350 gal/min with 47 feet drawdown when drilled. <u>1/2/</u>
913	City of Lake Barbara	L. Patterson, Inc.	1969	226	4	226	C	12	55	Jan. 25, 1969	Sub,E 5	F	Screen from 208 to 226 feet. Reported yield 75 gal/min when drilled. <u>1/</u>
62-110	I. G. Audish Construction Co.	do.	1966	636	4	636	C	5	20	Apr. 1966	Sub,E 2	D	Screen from 614 to 636 feet. <u>1/</u>
406	Amoco Chemical Corp.	do.	1972	220	6	220	C	10	34	June 5, 1972	Sub,E 3	Ind	29 feet of screen between 135 and 217 feet. Reported yield 63 gal/min with 16 feet drawdown when drilled. <u>1/</u>
# 407	do.	do.	1972	290	10	290	C	10	37	Aug. 3, 1972	Sub,E 15	Ind	Screen from 267 to 286 feet. Reported yield 285 gal/min with 40 feet drawdown when drilled. <u>1/</u>
408	do.	do.	1973	282	10	282	C	10	92	Aug. 27, 1973	Sub,E 15	Ind	Screen from 259 to 280 feet. Reported yield 263 gal/min with 41 feet drawdown when drilled. <u>1/</u>
# 409	do.	do.	1972	280	10	280	C	10	41	Aug. 21, 1972	Sub,E 15	Ind	Screen from 259 to 278 feet. Reported yield 289 gal/min with 34 feet drawdown when drilled. <u>1/</u>
605	U.S. Fish and Wildlife Service	Birdwell Water Well Service	1969	232	2	232	C	11	18	June 17, 1969	W	D	Screen from 224 to 232 feet. <u>1/</u>
63-801	Arcadia Water Co., Key Largo Subdivision	Joe Ferguson Water Well	1970	319	4	319	C	5	18	Aug. 20, 1970	--	P	Screen from 297 to 319 feet. <u>1/</u>
64-402	W. T. Nutt, Treasure Island	Birdwell Water Well Service	1974	211	6 4	164 211	C	5	6	Apr. 16, 1974	Sub,E	D	40 feet of screen between 164 and 210 feet. <u>1/</u>

See footnotes at end of table.

Table 1.--Records of Wells in Brazoria County--Continued

No.	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.)			Above (+) or below land surface datum (ft.)	Date of measurement			
BH-81-04-804	T. J. Poole	Redds Water Well Service	1970	587	4 2	105 587	C	5	5	Aug. 16, 1970	--	D	Screen from 547 to 567 feet. <u>1/</u>
05-104	A.B.C. Realty Co.	Bigham Water Well & Pump Service	1971	305	6 4	292 305	C	16	--	--	Sub,E	P	Screen from 292 to 305 feet. <u>1/</u>
320	City of Freeport, well 2	Layne-Texas Co.	1968	192	16 10	-- 192	CU	5	88.5 49.5	Jan. 27, 1970 Jan. 25, 1972	T,E 40	P	Screen from 150 to 180 feet. <u>2/</u>
06-107	City of Freeport, well 11	do.	1968	258	16 10	-- 258	CU	5	139 121.4	Jan. 31, 1969 Jan. 17, 1973	T,E	P	Screen from 208 to 248 feet. <u>2/</u>
108	Rodia Corp.	E. J. Swinehart Co.	1971	319	6 4	166 319	C	5	60	May 1971	Sub,E 7 1/2	D	Screen from 166 to 186 feet. Reported yield 114 gal/min with 17 feet drawdown when drilled. Supplies small lake. <u>1/</u>
109	Dow Chemical Co.	Bernard Patton Water Well Construction	1969	229	2 1/2 2	147 229	C	5	95	Jan. 11, 1969	Sub,E	Ind	Screen from 218 to 226 feet. <u>1/</u>
110	do.	L. Patterson, Inc.	1970	220	6	220	C	5	59	Jan. 27, 1970	Sub,E 7 1/2	Ind	Screen from 204 to 220 feet. <u>1/</u>
211	M. J. Lezak	do.	1969	243	4	243	C	5	96	June 26, 1969	Sub,E 3	P	Screen from 222 to 243 feet. Reported yield 25 gal/min when drilled. <u>1/</u>
603	S. N. Standley	Oliver & Son Water Well Drilling Co.	1970	401	4 2	307 401	C	5	17	Nov. 20, 1970	--	D	Screen from 386 to 401 feet. Reported yield 100 gal/min with 21 feet drawdown when drilled. <u>1/</u>

# See table 4 for chemical analyses of water from wells.

1/ See table 2 for drillers' logs of wells.2/ See table 3 for water levels in wells.

Table 2.--Drillers' Logs of Wells in Brazoria County

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well BH-65-30-408 Owner: W. D. Smith Driller: O'Day Drilling Co.			Well BH-65-30-507--Continued		
			Sand	22	320
Clay	41	41	Well BH-65-30-509 Owner: Sharon Plaza Nursery Driller: O'Day Drilling Co.		
Sand	2	43	Clay	12	12
Clay	33	76	Sand	9	21
Sand	18	94	Clay	21	42
Clay	52	146	Sand	9	51
Sand, fine	16	162	Clay	39	90
Clay	43	205	Sand	40	130
Sand, streaked	38	243	Clay	157	287
Clay	109	352	Sand	12	299
Sand	11	363	Well BH-65-30-613 Owner: Everett Construction Co. Driller: O'Day Drilling Co.		
Clay	57	420	Topsoil	2	2
Sand	25	445	Clay	36	38
Well BH-65-30-409 Owner: Mr. Trausdale Driller: Almeda Water Well Service			Sand	3	41
Soil and fill	3	3	Clay	45	86
Clay, white to red	11	14	Sand, red	9	95
Sand, fine, red	19	33	Clay	135	230
Clay, red to blue	24	57	Sand	15	245
Sand, white	12	69	Clay	53	298
Clay, red	30	99	Sand	24	322
Sand, white	47	146	Well BH-65-30-709 Owner: C. A. Kouch, Sr. Driller: Davis Brothers Water Well Drilling Co.		
Clay, red to blue	123	269	Clay	160	160
Sand, white	20	289	Sand	15	175
Clay	1	290	Clay	15	190
Well BH-65-30-507 Owner: C. J. Bird Driller: O'Day Drilling Co.			Sand, fine	11	201
Topsoil	2	2	Clay	299	500
Clay	14	16	Sand, medium	18	518
Sand	2	18	Clay		
Clay	75	93			
Sand	17	110			
Clay	125	235			
Sand	10	245			
Clay	53	298			

Table 2.--Drillers' Logs of Wells in Brazoria County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well BH-65-30-811 Owner: Mr. Mickan Driller: O'Day Drilling Co.			Well BH-65-38-123 Owner: Julius Cimar Hanzel Driller: T. H. Weaver Water Well Service		
Clay, black	3	3	Sod, black	2	2
Clay	15	18	Clay, red	15	17
Sand	6	24	Sand, fine, red	10	27
Clay	38	62	Clay, red	65	92
Clay	178	240	Sand, fine, red	25	117
Sand	10	250	Clay, red, sandy	37	154
Clay	44	294	Sand, coarse white	26	180
Sand	24	318	Well BH-65-38-502 Owner: Dr. Boyle Driller: T. H. Weaver Water Well Service		
Well BH-65-38-121 Owner: Foley Prozenzano Driller: H&H Water Well Drilling Co.			Sod, sandy	2	2
Clay	10	10	Clay, white	26	28
Sand	86	96	Sand, red	12	40
Clay and sand	29	125	Clay, red	20	60
Clay	50	175	Clay, red and orange	20	80
Sand	27	202	Clay, red and brown	20	100
Well BH-65-38-122 Owner: Southwestern Bell Telephone Co. Driller: Lowry Water Wells			Clay, red	26	126
Surface and gray clay	12	12	Sand, coarse	15	141
Well BH-65-38-607 Owner: Dr. Kenneth Chamblor Driller: T. H. Weaver Water Well Service			Well BH-65-38-902 Owner: C. A. Rooth Driller: Walker Water Well Service		
Sand, loose	14	26	Topsoil	4	4
Clay	6	32	Clay, white	7	11
Sand	57	89	Clay, red	16	27
Clay, red	79	168	Sand, red	4	31
Sand	41	209	Clay, red	15	46
Shale, sticky	65	274	Sand, brown	15	61
Sand	14	288	Clay, red	30	91
Shale, sticky	34	322	Sand, broken	7	98
Sand	12	334			
Shale, tough	149	483			
Sand	3	486			
Shale, sandy	6	492			
Sand	8	500			
Shale, tough	44	544			
Sand	26	570			

Table 2.--Drillers' Logs of Wells in Brazoria County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well BH-65-38-902--Continued			Well BH-65-44-906		
Clay, red	29	127	Owner: Texas Department of Corrections Driller: Layne-Texas Co.		
Clay, soft red	85	212	Topsoil	2	2
Well BH-65-39-108			Clay, sandy	6	8
Owner: Gas-At-Way, Inc.			Clay	4	12
Driller: O'Day Drilling Co.			Clay, sandy and clay	18	30
Topsoil	2	2	Clay	7	37
Clay	16	18	Clay and sandy clay	21	58
Sand	6	24	Sand and sandy clay streaks	15	73
Clay	35	59	Clay, sandy and clay and sand streaks	8	81
Sand	11	70	Sand, gravel and sandy clay	15	96
Clay	160	230	Sand, gravel and clay streaks	28	124
Sand, fine	15	245	Sand, gravel and clay streaks	5	129
Clay	117	362	Clay, gray with sand and gravel	20	149
Sand	24	386	Clay with sandy clay	9	158
Well BH-65-39-703			Sand with clay streaks	17	175
Owner: Gulf Oil Corp.			Sand with sandy clay streaks	12	187
Driller: Lowry Water Wells			Clay, soft red	4	191
Surface clay	8	8	Sand with clay streaks	10	201
Red clay	32	40	Clay, sandy with soft clay streaks	17	218
Shale	8	48	Sand with clay streaks	10	228
Shale, sandy	24	72	Clay, sandy clay with sand streaks	10	238
Clay, red and white joint	24	96	Clay, sand and sandy clay	21	259
Sand	12	108	Clay, sandy and few clay streaks	13	272
Shale	12	120	Sand, gravel, clay and clay streaks	25	297
Shale, white sandy	24	144	Clay	20	317
Sand	11	155	Sand, gravel and sandy clay streaks	49	366
Well BH-65-43-706			Clay	10	376
Owner: Albert Daunhouse			Sand, gravel and clay streaks	15	391
Driller: R. R. Matula Water Well Drilling and Service			Clay, sandy	33	424
Clay, red	22	22	Clay	10	434
Sand, red	59	81	Clay with streaks of gray clay	10	444
Clay, yellow	20	101			
Sand, white	17	118			
Gravel	17	135			

Table 2.--Drillers' Logs of Wells in Brazoria County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well BH-65-44-906--Continued			Well BH-65-50-904 Owner: Charles Gless Driller: Katy Drilling, Inc.		
Clay and sandy clay	147	591			
Sand, sandy clay and clay	148	739	Clay	65	65
Sand	52	791	Sand	58	123
Clay, sand and gravel	11	802	Clay	5	128
Sand	18	820	Sand	12	140
Clay, sandy with sand streaks	14	834	Clay	57	197
Sand	35	869	Sand	33	230
Clay, sandy with fine gravel	16	885	Clay	98	328
Well BH-65-45-110 Owner: Rex C. Bailey Driller: L. Patterson, Inc.			Sand	26	354
Soil, surface and clay	20	20	Clay	25	379
Sand	10	30	Sand and rock	26	405
Shale	79	109	Clay	64	469
Sand	27	136	Sand with rock strips	45	514
Shale	74	210	Sand, hard	12	526
Sand	15	225	Clay	29	555
Shale	66	291	Sand	58	613
Sand	33	324	Clay	16	629
Well BH-65-46-609 Owner: Stanley Richardson Driller: T. H. Weaver Water Well Service			Sand and rock	73	702
Grass roots and sod	2	2	Clay	18	720
Clay, white	15	17	Sand and rock	30	750
Clay, white, sandy	3	20	Clay	10	760
Clay, red	40	60	Sand and rock	55	815
Sand, fine red	20	80	Clay	31	846
Shell and sand stone	42	122	Sand and rock	54	900
Clay, red	36	158	Clay	29	929
Sand, white coarse	31	189	Well BH-65-51-303 Owner: T. S. Greenwald Driller: Katy Drilling, Inc.		
			Clay	12	12
			Sand	13	25
			Clay	15	40
			Sand	48	88
			Clay	8	96
			Sand	27	123
			Clay	9	132
			Sand and rock	28	160



Table 2.--Drillers' Logs of Wells in Brazoria County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well BH-65-51-303--Continued			Well BH-65-51-604		
Clay	9	169	Owner: Varner Creek Municipal Utility District		
Sand and rock	19	188	Columbia Lakes, Well 3		
Clay, sand breaks	37	225	Driller: Layne-Texas Co.	Clay	3
Sand and rock	20	245		Sand	15
Clay and sand breaks	37	282		Clay	10
Clay	49	331		Sand	14
Sand and rock	18	349		Clay	48
Clay	26	375		Sand	59
Sand	5	380		Shale and sandy shale	94
Clay	74	454		Shale	27
Sand	31	485		Shale, sandy and sand	30
Clay	90	575		Shale	46
Sand and rock	58	633		Sand	20
Clay	10	643		Shale, sandy and sand	25
Sand	20	663		Shale	36
Clay	38	701		Shale and lime streaks	16
Sand	17	718		Sand	8
Clay	50	768		Shale	101
Sand	17	785		Sand	46
Clay	20	805		Shale	4
Sand and rock	25	830		Sand	34
Clay	22	852		Shale	6
Sand	56	908			
Clay	27	935		Well BH-65-51-914	
Sand	39	974		Owner: Tenneco	
Clay	6	980		Driller: B&P Drilling Contractors	
Sand and rock	17	997		Surface soil	3
Clay	20	1,017		Clay	67
				Sand	35
				Sand and gravel	32
				Clay	12
					149

Table 2.--Drillers' Logs of Wells in Brazoria County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well BH-65-52-206			Well BH-65-52-708--Continued		
Owner: Monsanto Company					
Driller: B&P Drilling Contractors					
Soil, surface	3	3	Sand	30	374
Clay	69	72	Clay and broken sandy clay	110	484
Sand	11	83	Sand	5	489
Clay, sandy	19	102	Clay, sandy	35	524
Sand	59	161	Sand	9	533
Well BH-65-52-606			Clay and broken sandy clay	124	657
Owner: Dan Filder			Sand	19	676
Driller: Oliver & Son Water Well Drilling Co.			Clay	10	686
Clay, red	28	28	Sand	9	695
Sand, red	11	39	Clay	17	712
Clay, red	21	60	Clay, sandy	15	727
Sand	19	79	Clay	34	761
Clay, red	15	94	Sand	35	796
Sand, coarse and fine gravel	42	136	Clay, sandy	20	816
Clay, blue	17	153	Clay	12	828
Sand, coarse and gravel	10	163	Sand	61	889
Clay, blue	5	168	Clay	5	894
Sand, light	10	178	Sand	105	999
Clay, red	175	353	Clay	16	1,015
Sand, fine	17	370	Well BH-65-54-104		
Clay, blue	50	420	Owner: Brazoria County WC&ID No. 4, Danbury		
Sand, white	14	434	Driller: Layne-Texas Co.		
Well BH-65-52-708			Surface	12	12
Owner: Varner Creek Municipal Utility District			Sand	16	28
Columbia Lakes, Well 1			Clay	30	58
Driller: Layne-Texas Co.			Sand and shell	64	122
Clay	82	82	Clay	38	160
Sand and gravel	70	152	Sand	30	190
Clay	10	162	Clay	20	210
Sand and clay	13	175	Sand	20	230
Clay	12	187	Clay, sandy	10	240
Sand	17	204			
Shale and sand	39	243			
Shale	7	250			
Sand	23	273			
Clay	71	344			

Table 2.--Drillers' Logs of Wells in Brazoria County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well BH-65-54-802 Owner: Superior Building Co. Driller: T. C. Bussell & Son			Well BH-65-55-202--Continued		
			Shale, sandy	84	744
Topsoil	2	2	Sand	61	805
Clay, unconsolidated	258	260	Shale	12	817
Sand, fine	23	283	Sand	20	837
Shale, sandy	38	321	Well BH-65-58-907 Owner: Amoco Production Company Driller: Katy Drilling, Inc.		
Well BH-65-55-201 Owner: Harkins Drilling Co. Driller: Joe Ferguson Water Well Drilling			Clay, topsoil	30	30
Surface soil	18	18	Clay	5	35
Sand, fine red	50	68	Sand and gravel	17	52
Clay, red	48	116	Sand and gravel	10	62
Sand, fine white	8	124	Clay	10	72
Clay, gray	71	195	Sand	16	88
Sand, coarse blue	6	201	Clay	16	104
Clay, gray	135	336	Sand	10	114
Sand, fine gray	22	358	Clay	6	120
Well BH-65-55-202 Owner: Amoco Chemical Corp. Driller: Texas Water Wells, Inc.			Sand	54	174
Rotary to ground level	3	3	Clay	6	180
Surface	10	13	Well BH-65-59-303 Owner: J. A. King Driller: Industrial Drillers		
Sand	73	86	Surface and red clay	37	37
Shale, sticky	44	130	Shale, sandy and clay, red	31	68
Shale, sandy	33	163	Sand and gravel, gray	51	119
Sand	15	178	Shale, gray	39	158
Shale, sandy	100	278	Gravel, brown	35	193
Sand	20	298	Shale, gray	2	195
Shale, sandy	9	307	Well BH-65-60-703 Owner: Clyde Caul Driller: Oliver & Son Water Well Drilling Co.		
Sand	47	354	Clay, red	47	47
Shale, sandy	33	387	Sand, coarse	26	73
Shale, sticky	61	448	Clay, red	29	102
Shale, sandy and sand	27	475	Sand, fine	18	120
Shale, sticky	10	485	Shale	61	181
Sand	55	540	Sand, broken and shale	19	200
Shale	46	586	Shale	129	329
Sand	29	615	Sand, fine	6	335
Shale	33	648			
Sand	12	660			

Table 2.--Drillers' Logs of Wells in Brazoria County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well BH-65-60-703--Continued			Well BH-65-61-809		
Shale	59	394	Owner: City of Lake Jackson, Well 8		
Sand, fine white	10	404	Driller: Texas Water Wells, Inc.		
Clay, blue	45	449	Surface	3	3
Sand, white	32	481	Clay	33	36
Well BH-65-61-304			Sand	5	41
Owner: Tom J. Tigner			Clay	10	51
Driller: Russell B. Hayden			Sand	5	56
Soil, surface	10	10	Clay	55	111
Clay	10	20	Sand	8	119
Sand	5	25	Clay	12	131
Shale	20	45	Sand	7	138
Sand	7	52	Clay	21	159
Shale	33	85	Sand	18	177
Sand	16	101	Clay	39	216
Well BH-65-61-607			Sand	25	241
Owner: City of Richwood			Clay	11	252
Driller: Katy Drilling, Inc.			Sand	10	262
Surface, caly	126	126	Clay, streaks of sand	27	289
Sand, shale breaks	10	136	Clay	22	311
Clay	19	155	Sand	30	341
Sand	5	160	Clay	10	351
Clay	66	226	Well BH-65-61-810		
Sand	15	241	Owner: City of Lake Jackson, Well 9		
Clay	57	298	Driller: Texas Water Wells, Inc.		
Sand	19	317	Surface	3	3
Clay	6	323	Clay	13	16
Sand	6	329	Sand	4	20
Clay	16	345	Clay, sandy	16	36
Sand	3	348	Clay	10	46
Clay	21	369	Clay, sandy	51	97
Sand	5	374	Sand	7	104
Clay	39	413	Clay	8	112
			Sand	5	117
			Clay	56	173
			Sand	18	191
			Clay, sandy	12	203
			Clay	16	219

Table 2.--Drillers' Logs of Wells in Brazoria County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well BH-65-61-810--Continued			Well BH-65-62-110--Continued		
Sand	16	235	Shale	75	582
Sand, clay	67	302	Sand, fine grading to medium	54	636
Sand	14	316	Well BH-65-62-406 Owner: Amoco Chemical Corp. Driller: L. Patterson, Inc.		
Sand, broken clay streaks	10	326	Soil, surface and clay	84	84
Clay	7	333	Sand	11	95
Sand	18	351	Shale	31	126
Well BH-65-61-913 Owner: City of Lake Barbara Driller: L. Patterson, Inc.			Sand	16	142
Soil, surface and clay	25	25	Shale	31	173
Shale	93	118	Sand	20	193
Sand	31	149	Shale	3	196
Shale	5	154	Sand	21	217
Sand	6	160	Shale	3	220
Shale	40	200	Well BH-65-62-407 Owner: Amoco Chemical Corp. Driller: L. Patterson, Inc.		
Sand	26	226	Soil, surface and clay	20	20
Well BH-65-62-110 Owner: I. G. Audish Construction Co. Driller: L. Patterson, Inc.			Sand	25	45
Surface soil	10	10	Shale	102	147
Sand	40	50	Sand	6	153
Shale	51	101	Shale	22	175
Sand	32	133	Sand, fine	16	191
Shale	12	145	Shale	41	232
Sand	7	152	Sand	2	234
Shale	100	252	Shale	30	264
Sand, medium grains	17	269	Sand	23	287
Shale	52	321	Shale	42	329
Sand	30	351	Sand	16	345
Shale	18	369	Shale	8	353
Sand, fine grains	2	371			
Shale	19	390			
Sand, fine grains	14	404			
Shale	63	467			
Sand, fine grains	13	480			
Shale	25	505			
Sand	2	507			

Table 2.--Drillers' Logs of Wells in Brazoria County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well BH-65-62-408 Owner: Amoco Chemical Corp. Driller: L. Patterson, Inc.			Well BH-65-63-801 Owner: Arcadia Water Co. Key Largo Subdivision Driller: Joe Ferguson Water Well Drilling		
Soil and clay	18	18	Sand, surface	18	18
Sand	19	37	Clay, red	58	76
Shale	63	100	Sand, fine red	7	83
Sand	10	110	Clay, red	25	108
Shale	38	148	Sand, coarse white	6	114
Sand	5	153	Clay, gray	7	121
Shale	102	255	Sand, coarse white	35	156
Sand	27	282	Clay, gray	82	238
Shale	2	284	Sand, fine white	23	261
Well BH-65-62-409 Owner: Amoco Chemical Corp. Driller: L. Patterson, Inc.			Clay, brown	18	279
Soil and clay	21	21	Sand, coarse white	16	295
Sand	9	30	Limestone	3	298
Shale	73	103	Sand, medium white	22	320
Sand, fine	16	119	Well BH-65-64-402 Owner: W. T. Nutt, Treasure Island Driller: Birdwell Water Well Service		
Shale	17	136	Sand	15	15
Sand	16	152	Shell	28	43
Shale	101	253	Clay, sandy	9	52
Sand	24	277	Clay	24	76
Shale	23	300	Sand	6	82
Well BH-65-62-605 Owner: U.S. Fish and Wildlife Service Driller: Birdwell Water Well Service			Clay	16	98
Clay	16	16	Sand	10	108
Sand	19	35	Clay	8	116
Clay and sandy clay	39	74	Sand and shell	48	164
Sand	6	80	Sand	20	184
Clay	30	110	Clay	4	188
Sand, fine	10	120	Sand	22	210
Sand	29	149	Clay	3	213
Clay and sand clay	41	190	Sand, fine	10	223
Sand	46	236	Clay	3	226
Clay, sandy	2	238	Sand	10	236
			Clay	10	246
			Clay and sandy clay	7	253
			Sand	16	269

Table 2.--Drillers' Logs of Wells in Brazoria County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well BH-65-64-402--Continued			Well BH-81-06-108--Continued		
Clay	17	286	Sand, coarse white	23	186
Sand	7	293	Clay	75	261
Clay and sandy streaks	39	332	Sand, fine	8	269
Well BH-81-04-804 Owner: T. J. Poole Driller: Redds Water Well Service			Clay	50	319
Clay	120	120	Well BH-81-06-109 Owner: Dow Chemical Co. Driller: Bernard Patton Water Well Construction		
Sand, gray	27	147	Clay, surface	34	34
Clay, clay rocks	83	230	Shale, gray	94	128
Shale, sandy shale	232	462	Sand, fine	19	147
Sand, fine white	23	485	Shale, gray	67	214
Shale	52	537	Sand	12	226
Sand, medium black	30	567	Shale	3	229
Shale	20	587	Well BH-81-06-110 Owner: Dow Chemical Co. Driller: L. Patterson, Inc.		
Well BH-81-05-104 Owner: A.B.C. Realty Co. Driller: Bigham Water Well & Pump Service			Soil, surface and clay	10	10
Clay	29	29	Sand	20	30
Sand, fine red	9	38	Shale	14	44
Clay	16	54	Sand	11	55
Sand, red	3	57	Shale	62	117
Clay	4	61	Sand	24	141
Sand	2	63	Shale	53	194
Clay	4	67	Sand	10	204
Sand	2	69	Sand	15	219
Clay, brown	37	106	Shale	1	220
Shale, hard	185	291	Well BH-81-06-211 Owner: M. J. Lezak Driller: L. Patterson, Inc.		
Sand	14	305	Soil, surface	24	24
Well BH-81-06-108 Owner: Rodia Corp. Driller: B. J. Swinehart Co.			Clay and shale	81	105
Clay	9	9	Sand, fine	4	109
Sand	16	25	Shale	103	212
Clay	31	56	Sand	32	244
Sand, brown	17	73			
Clay	42	115			
Sand, fine	15	130			
Clay	33	163			

Table 2.--Drillers' Logs of Wells in Brazoria County--Continued

	THICKNESS (FEET)	DEPTH (FEET)	THICKNESS (FEET)	DEPTH (FEET)
Well BH-81-06-603				
Owner: S. N. Standley				
Driller: Oliver & Son Water Well Drilling Co.				
Beach sand	12	12		
Clay, red	27	39		
Clay, blue	83	122		
Sand, fine	17	139		
Clay, blue	2	141		
Sand, fine	17	158		
Clay, blue	6	164		
Sand, fine beach	15	179		
Clay, blue	52	231		
Clay, light red	54	285		
Sand, fine	8	293		
Clay, blue	87	380		
Sand, white	21	401		



Table 3.--Water Levels in Wells in Brazoria County  
(feet below land surface)

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well BH-65-30-601		Well BH-65-30-902--Continued		Well BH-65-45-102	
Owner: C. H. Alexander Elevation: 51		Jan. 14, 1971	190.08	Owner: Otto Senior Club Elevation: 50	
Feb. 19, 1969	186.22	Jan. 25, 1972	198.18	Jan. 31, 1968	59.80
Sept. 8	183.90	Jan. 16, 1974	202.53	Jan. 29, 1969	62.53
Dec. 8	182.82	Well BH-65-31-704		Jan. 26, 1970	68.57
Feb. 3, 1970	182.41	Owner: Exxon, Co. Elevation: 37		Jan. 18, 1971	68.19
Feb. 9, 1971	186.70	Jan. 27, 1969	173.89	Jan. 25, 1972	70.41
Sept. 8	186.20	Aug. 14	186.27	Jan. 26, 1973	71.32
Feb. 1, 1972	185.56	Jan. 21, 1970	180.40	Jan. 16, 1974	72.31
June 1	187.39	Aug. 10	184.07	Well BH-65-45-103	
Sept. 19	189.38	Jan. 25, 1972	185.5	Owner: Otto Senior Club Elevation: 49	
Dec. 4	188.60	Aug. 9	188.70	Jan. 29, 1969	82.95
Feb. 15, 1973	187.25	Jan. 16, 1973	200.7	Jan. 26, 1970	86.20
June 8	195.04	Aug. 6	200.76	Jan. 18, 1971	86.86
Sept. 14	198.89	Jan. 16, 1974	199.05	Jan. 25, 1972	89.61
Dec. 5	189.79	Well BH-65-38-201		Jan. 26, 1973	92.41
Feb. 7, 1974	188.74	Owner: J. W. McCabe Elevation: 56		Jan. 16, 1974	93.16
Sept. 4	197.97	Jan. 27, 1969	103.66	Well BH-65-45-501	
Dec. 3	192.99	Jan. 21, 1970	110.35	Owner: N. E. Selstad Elevation: 41	
Well BH-65-30-701		Jan. 14, 1971	109.25	Jan. 29, 1969	71.85
Owner: Texaco, Inc., Well 3 Elevation: 59		Aug. 9	111.07	Aug. 15	72.90
Jan. 22, 1968	19.78	Jan. 25, 1972	111.05	Jan. 22, 1970	74.59
Jan. 27, 1969	18.77	Aug. 9	114.48	Jan. 13, 1971	74.89
Jan. 21, 1970	17.02	Jan. 16, 1973	115.93	Jan. 20, 1972	76.72
Aug. 10	19.07	Aug. 6	118.27	Jan. 26, 1973	78.94
Aug. 9, 1971	18.97	Jan. 16, 1974	117.97	Jan. 16, 1974	80.00
Jan. 25, 1972	19.87	Well BH-65-38-301		Well BH-65-46-301	
Well BH-65-30-901		Owner: Exxon Co. Elevation: 44		Owner: Exxon Co. Elevation: 30	
Owner: C. H. Alexander Elevation: 50		Jan. 27, 1969	116.62	Jan. 22, 1968	60.86
Feb. 9, 1968	176.55	Aug. 14	120.07	Jan. 27, 1969	62.56
Feb. 3, 1970	188.7	Aug. 10, 1970	122.08	Jan. 28, 1970	64.66
Feb. 9, 1971	192.1	Jan. 14, 1971	122.93	Jan. 22, 1971	66.11
Feb. 22, 1972	196	Aug. 9	124.27	Jan. 19, 1972	67.66
Well BH-65-30-902		Jan. 25, 1972	125.49	Aug. 15	68.87
Owner: Amoco Co. Elevation: 45		Aug. 9	127.42	Jan. 16, 1973	69.08
Jan. 22, 1968	173.30	Jan. 16, 1973	126.56	Jan. 22, 1974	68.91
Jan. 30, 1969	178.52	Aug. 6	129.84		
Jan. 21, 1970	184.30	Jan. 16, 1974	129.80		
		Aug. 9	131.27		

Table 3.--Water Levels in Wells in Brazoria County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well BH-65-46-601		Well BH-65-46-801		Well BH-65-50-504	
Owner: Stanolind Oil & Gas Co. Elevation: 23		Owner: Exxon Co. Elevation: 26		Owner: Exxon Co. Elevation: 54	
Jan. 22, 1968	8.72	Jan. 26, 1968	5.98	Jan. 26, 1968	45.91
Jan. 28, 1970	9.79	Aug. 6	5.39	Aug. 6	54.08
Aug. 12, 1971	10.07	Jan. 29, 1969	5.68	Jan. 28, 1969	44.51
Aug. 15, 1972	8.27	Aug. 14	5.97	Aug. 15	56.77
Well BH-65-46-610		Jan. 22, 1970	6.27	Jan. 28, 1970	44.11
Owner: Kelso Building Materials Company Elevation: 15		Aug. 11	5.21	Jan. 21, 1971	46.48
Jan. 25, 1967	66.64	Jan. 13, 1971	4.77	Aug. 12	60.85
Aug. 11	66.67	Well BH-65-47-201		Jan. 22, 1972	47.57
Jan. 22, 1968	67	Owner: Texaco, Inc. Elevation: 26		Aug. 9, 1973	50.68
Aug. 5	68.33	Jan. 26, 1968	105.04	Jan. 18, 1974	49.37
Jan. 27, 1969	68.77	Aug. 12	107.57	Well BH-65-50-505	
Jan. 22, 1970	69.57	Jan. 29, 1969	109.30	Owner: Exxon Co. Elevation: 53	
Jan. 19, 1972	73.24	Aug. 14	111.47	Jan. 28, 1969	42.64
Aug. 9	74.71	Jan. 28, 1970	113.74	Aug. 15	46.60
Jan. 16, 1973	75.01	Jan. 22, 1971	114.36	Jan. 28, 1970	42.91
Well BH-65-46-701		Jan. 19, 1972	116.96	Aug. 12	43.03
Owner: Exxon Co. Elevation: 24		Aug. 15	120.78	Jan. 21, 1971	44.20
Jan. 26, 1968	5.73	Jan. 29, 1973	119.58	Aug. 12	48.35
Aug. 6	4.87	Jan. 22, 1974	121.87	Jan. 21, 1972	45.04
Jan. 29, 1969	5.11	Well BH-65-47-401		Aug. 11	45.33
Aug. 14	4.64	Owner: Phillips Petro Co. Elevation: 23		Jan. 19, 1973	45.12
Jan. 22, 1970	5.81	Jan. 27, 1969	89.10	Aug. 9	41.13
Aug. 11	5.57	Aug. 14	90.64	Jan. 18, 1974	43.20
Jan. 13, 1971	4.52	Jan. 22, 1970	92.23	Aug. 8	43.38
Well BH-65-46-702		Aug. 12	92.77	Well BH-65-50-802	
Owner: Exxon Co. Elevation: 26		Jan. 18, 1971	94.10	Owner: Exxon Co. Elevation: 51	
Jan. 26, 1968	55.69	Aug. 12	94.67	Jan. 26, 1968	38.06
Jan. 29, 1969	45.11	Jan. 19, 1972	95.47	Jan. 28, 1969	39.97
Jan. 28, 1970	56.68	Aug. 15	96.57	Jan. 28, 1970	45.67
Jan. 13, 1971	46.06	Jan. 29, 1973	97.20	Aug. 11, 1972	53.78
Jan. 26, 1972	48.50	Aug. 7	95.91	Jan. 19, 1973	38.42
Jan. 26, 1973	47.38	Jan. 22, 1974	86.13	Jan. 18, 1974	40.17
		Aug. 9	87.18		

Table 3.--Water Levels in Wells in Brazoria County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well BH-65-50-803		Well BH-65-53-505		Well BH-65-54-407--Continued	
Owner: Exxon Co. Elevation: 49		Owner: Exxon Co. Elevation: 28		Aug. 7, 1973	72.06
Jan. 28, 1970	48.24	Jan. 28, 1969	81.78	Jan. 16, 1974	71.98
Jan. 21, 1972	55.1	Aug. 15	80.89	Aug. 8	70.43
Aug. 11	58.81	Jan. 21, 1970	79.29	Well BH-65-54-602	
Aug. 9, 1973	55.29	Aug. 10	81.48	Owner: Haskel Moore Elevation: 14	
Well BH-65-51-901		Jan. 13, 1971	84.98	Aug. 12, 1968	20.97
Owner: City of West Columbia Well 1 Elevation: 34		Aug. 9	84.97	Jan. 31, 1969	23.83
Jan. 27, 1972	54.31	Jan. 20, 1972	82.87	Jan. 22, 1970	21.48
Jan. 26, 1973	53	Aug. 14	85.53	Jan. 20, 1971	21.15
Jan. 19, 1974	62.50	Jan. 19, 1973	87.83	Aug. 11	23.45
Well BH-65-53-201		Aug. 7	90.64	Jan. 26, 1972	22.07
Owner: Exxon Co. Elevation: 34		Well BH-65-54-101		Aug. 14	21.64
Jan. 29, 1969	75.10	Owner: Brazoria County WC&ID No. 4 Elevation: 23		Jan. 17, 1973	21.06
Aug. 15	74.33	May 24, 1967	22.9	Aug. 6	20.78
Jan. 21, 1970	73.66	Jan. 19, 1972	26	Jan. 16, 1974	19.97
Aug. 10	74.68	Jan. 18, 1973	32	Aug. 9	21.33
Jan. 21, 1971	78.25	Well BH-65-54-403		Well BH-65-58-606	
Aug. 9	78.13	Owner: Tigner Bros. Elevation: 15		Owner: Phillips Petro. Co. Well 9-T Elevation: 37	
Jan. 20, 1972	76.04	Jan. 27, 1969	4.79	Mar. 18, 1968	41.45
Aug. 15	79.25	Jan. 22, 1970	6.26	May 20	40.52
Well BH-65-53-504		Jan. 13, 1971	5.29	Apr. 7, 1969	43.40
Owner: Exxon Co. Elevation: 33		Jan. 19, 1972	6.13	June 30	43.98
Jan. 22, 1968	69.93	Jan. 18, 1973	5.11	July 28	44.38
Aug. 5	72.11	Jan. 16, 1974	4.07	Aug. 25	39.40
Jan. 28, 1969	63.82	Well BH-65-54-407		Sept. 8	39.20
Aug. 15	74.21	Owner: J. M. Skrabanek Elevation: 14		Oct. 6	39.50
Aug. 10, 1970	72.22	Jan. 25, 1968	60.46	Apr. 1, 1970	39.20
Jan. 13, 1971	68.76	Aug. 12	61.57	Oct. 27	35
Aug. 9	75.70	Jan. 27, 1969	62.67	Dec. 31	39.65
Jan. 20, 1972	74.46	Aug. 14	64.57	Jan. 28, 1971	36.5
Aug. 14	76.99	Jan. 22, 1970	65.34	Apr. 13, 1970	45.73
Jan. 19, 1973	79.89	Aug. 11	66.68	June 4, 1971	45.70
Aug. 7	81.06	Jan. 13, 1971	67.32	Jan. 31, 1972	36.80
Jan. 16, 1974	79.30	Aug. 11	68.24	Mar. 26	37
Aug. 6	83.12	Jan. 19, 1972	69.35		
		Aug. 15	69.99		
		Jan. 18, 1973	70.96		

Table 3.--Water Levels in Wells in Brazoria County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well BH-65-58-607		Well BH-65-59-410--Continued		Well BH-65-59-411--Continued	
Owner: Phillips Petro Co. TW-3 Elevation: 36		Oct. 28, 1968	43.94	Nov. 26, 1969	38.82
May 20, 1968	45.84	Nov. 25	51.42	Jan. 28, 1970	33.20
Aug. 26	36.20	Dec. 30	50.53	Aug. 12	37.22
Sept. 30	28.92	Jan. 27, 1969	39.43	Sept. 19	34.80
Oct. 28	21.74	Feb. 24	47.47	Aug. 11, 1972	36.62
Nov. 25	27.34	Mar. 24	39.22	Jan. 19, 1973	40.65
Dec. 30	26.33	Apr. 21	52.57	Aug. 9	36.17
Jan. 27, 1969	25.58	May 19	37.19	Jan. 18, 1974	33.78
Feb. 24	25.28	June 30	58.24	Aug. 8	45.76
Mar. 24	22.90	July 28	55.62	Well BH-65-59-413	
Apr. 21	31.58	Oct. 6	35.8	Owner: Phillips Petro Co. Well 6-b Elevation: 36	
May 19	16.74	Nov. 26	46.92	Jan. 26, 1968	37.86
June 30	36.43	Apr. 1, 1970	42.87	Aug. 6	39.27
July 28	34.47	July 29	36.25	Jan. 30, 1969	48.42
Sept. 8	33.88	Sept. 19	37.40	Aug. 15	56.65
Oct. 6	33.66	Oct. 27	39.85	Jan. 28, 1970	38.49
Sept. 19, 1970	32.60	Dec. 31	34.60	Aug. 12	48.81
Well BH-65-59-406		Jan. 28, 1971	38.35	Jan. 21, 1971	50.69
Owner: Phillips Petro Co. Well 6-d Elevation: 36		Apr. 13	59.80	Aug. 12	51.54
Jan. 26, 1968	39.08	Well BH-65-59-411		Jan. 21, 1972	52.35
Sept. 9	56	Owner: Phillips Petro Co. TW-1 Elevation: 35		Aug. 11	48.46
Oct. 28	52	Jan. 26, 1968	30.78	Jan. 19, 1973	51.24
Jan. 30, 1969	49.61	May 20	39.50	Aug. 9	45.46
May 19	45	June 24	37.21	Jan. 18, 1974	30.68
June 16	52	July 29	41.90	Aug. 8	59.55
Apr. 1, 1960	48	Aug. 6	37.56	Well BH-65-59-414	
July 29	45	Sept. 30	43.28	Owner: Phillips Petro Co. Well 6-a Elevation: 36	
Oct. 27	49	Oct. 28	37.22	Jan. 26, 1968	26.22
Dec. 31	51	Nov. 25	40.65	Jan. 31, 1969	31.05
Aug. 12, 1971	52.68	Dec. 30	41.12	Jan. 28, 1970	24.76
Mar. 26, 1972	48	Jan. 31, 1969	39.52	Aug. 12	30.75
Well BH-65-59-410		Feb. 24	38.32	Jan. 21, 1971	29.34
Owner: Phillips Petro Co. TW-2 Elevation: 34		Mar. 24	36.42	Aug. 12	30.42
May 20, 1968	49.72	Apr. 21	43.17	Jan. 21, 1972	30.51
June 24	27.04	May 19	31.88	Aug. 11	31.37
July 29	56.80	June 30	46.14	Jan. 19, 1973	31.87
Aug. 26	59.68	July 28	44.14	Aug. 9	32.7
Sept. 30	53.72	Aug. 15	37.21		
		Sept. 18	37.20		

Table 3.--Water Levels in Wells in Brazoria County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well BH-65-59-414--Continued		Well BH-65-61-402		Well BH-65-61-402--Continued	
Jan. 18, 1974	17.35	Owner: Dow Chemical Co. TW-11 Elevation: 20		Mar. 28, 1968	27.3
Aug. 8	33.93	Jan. 29, 1965	28.8	Apr. 29	27.5
Well BH-65-59-501		Feb. 26	28.3	May 28	27.3
Owner: Amoco Co. Elevation: 23		Mar. 29	28	June 26	27
Jan. 26, 1968	9.54	Apr. 29	28.6	July 30	27.6
Jan. 28, 1969	9.77	June 2	29.5	Aug. 27	28.4
Jan. 28, 1970	9.91	June 29	29.9	Sept. 25	28.4
Jan. 21, 1971	11.17	July 29	30.7	Oct. 28	27.4
Aug. 12	9.90	Aug. 31	31.5	Nov. 29	27.8
Jan. 21, 1972	6.86	Sept. 30	32.8	Dec. 31	27.6
Aug. 11	8.77	Oct. 25	29.8	Jan. 30, 1969	27.3
Jan. 19, 1973	6.63	Nov. 26	29.6	Feb. 27	26.4
Aug. 9	7.57	Dec. 29	28.6	Mar. 26	26.4
Jan. 18, 1974	6.37	Jan. 26, 1966	28.1	Apr. 28	26.4
Aug. 8	5.27	Feb. 28	27.5	May 28	26.2
Well BH-65-59-803		Mar. 30	26.5	June 27	26.7
Owner: City of Sweeny Well 1 Elevation: 34		Apr. 28	26.2	July 28	28.5
June 12, 1956	56	May 31	26	Aug. 28	29.4
Sept. 7, 1967	50.60	June 30	26.4	Sept. 30	30.3
May - 1972	50	July 29	26.7	Oct. 31	30.2
Sept. 5	49	Aug. 30	27.3	Nov. 25	30.2
Nov. 10	41	Sept. 30	27.5	Dec. 26	29.6
Jan. 19, 1973	46	Oct. 27	26.6	Jan. 28, 1970	29.4
Aug. 27	46	Nov. 30	26.4	Feb. 25	29.6
Dec. 7	37	Dec. 30	26.5	Apr. 24	29
Jan. 18, 1974	44	Jan. 31, 1967	26.3	May 28	28.5
Well BH-65-59-804		Feb. 28	26.2	June 30	28.8
Owner: City of Sweeny Well 2 Elevation: 32		Mar. 30	26.6	July 31	29.1
Nov. 27, 1960	57	Apr. 27	27.7	Aug. 27	29.8
June 30, 1967	72	May 31	29.1	Sept. 29	29.8
Jan. 21, 1972	44.65	June 29	30.6	Oct. 30	29
May -	47	July 24	31.2	Dec. 2	28.6
Sept. 5	47	Aug. 24	35.8	Dec. 29	28.5
Nov. 10	44	Sept. 28	40.4	Jan. 29, 1971	28.9
Aug. 27, 1973	47	Oct. 31	29.9	Feb. 24	28.8
Dec. 7	41	Nov. 30	29.6	Mar. 29	28.5
Jan. 18, 1974	41	Dec. 28	29.4	Apr. 28	29.1
		Jan. 30, 1968	28.7	May 25	29.9
		Feb. 23	28.1	June 30	31.5

Table 3.--Water Levels in Wells in Brazoria County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well BH-65-61-402--Continued		Well BH-65-61-404--Continued		Well BH-65-61-508--Continued	
July 30, 1971	33.9	June 30, 1970	33.4	Mar. 28, 1974	102.3
Aug. 30	33.9	July 31	33.7	May 28	96.3
Sept. 27	33.4	Aug. 27	33.8	July 29	109.5
Nov. -	33.5	Sept. 29	33.9	Well BH-65-61-509	
Dec. -	31.5	Oct. 30	32.8	Owner: City of Lake Jackson	
Jan. - 1972	31.1	Dec. 2	33.4	Well 7	
Feb. -	30.3	Dec. 29	31.1	Elevation: 18	
Mar. -	29.8	Jan. 29, 1971	33	Sept. 25, 1969	70.5
Apr. -	30.4	Feb. -	34.1	Jan. 23, 1970	76
May -	30.6	Mar. 29	33.5	July 24	76.8
July -	31.8	May 25	34	Sept. 28	76
Sept. -	31.6	Well BH-65-61-508		Dec. 22	72.3
Oct. -	31.2	Owner: City of Lake Jackson		Mar. 26	74.9
Dec. -	30.5	Well 4		July 29, 1971	91.3
Jan. - 1973	30.1	Elevation: 18		Sept. 28	82
Mar. -	29.2	Jan. 25, 1968	69.81	Dec. 28	86.3
Apr. -	28.9	Jan. 19	71.5	June 28, 1972	85
May -	29	July 18	38.5	July 28	88.4
June -	29.2	Jan. 21, 1969	59.7	Oct. 31	86
July -	30.5	Mar. 21	60.8	Nov. 30	76
Sept. -	31.4	July 21	74.6	Dec. 27	80
Oct. -	30.9	Sept. 25	76	Feb. 26, 1973	72
Nov. -	30.3	Jan. 23, 1970	75.7	Apr. 27	68.3
Dec. -	30.2	July 24	78.8	July 27	85
Mar. 29, 1974	30.3	Sept. 28	78.4	Oct. 29	90.8
June 28	31.2	Dec. 22	74.3	Dec. -	88.6
Aug. 1	32.7	Mar. 26, 1971	75.7	Mar. 28, 1974	90.2
Sept. 30	33.8	July 29	88.1	July 29	97.4
Oct. 31	34	Sept. 28	81.9	Well BH-65-61-801	
Nov. 26	33.5	Dec. 28	83	Owner: City of Lake Jackson	
Dec. -	31.8	July 28, 1972	90.1	Well 5	
Well BH-65-61-404		Oct. 31	104.5	Elevation: 12	
Owner: Dow Chemical Co.		Nov. 30	92.3	Jan. 19, 1968	66
Elevation: 20		Dec. 27	90.9	July 18	58.4
Aug. 7, 1961	43	Feb. 26, 1973	87.5	Jan. 21, 1969	62.8
Dec. 31, 1968	34.2	Apr. 27	87.4	Mar. 21	62.8
Jan. 30, 1969	33.4	July 27	106.8	July 21	74.5
July 28	33.2	Sept. 26	101.5	Sept. 25	75.5
May 28, 1970	33.4	Oct. -	104.3	Jan. 23, 1970	74.6
		Dec. 28	99.7	July 24	78.9
				Sept. 28	74.8

Table 3.--Water Levels in Wells in Brazoria County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well BH-65-61-801--Continued		Well BH-65-61-802--Continued		Well BH-65-61-805--Continued	
Dec. 22, 1970	70	Apr. 27, 1973	87.6	Sept. 28, 1971	39.7
Mar. 26, 1971	73	July 27	95.2	Dec. 2	41.5
July 29	87.1	Sept. 26	97.6	Well BH-65-61-806	
Sept.	80.6	Oct. -	95.9	Owner: Dow Chemical Co. TW-10	
Dec. 28	77.9	Dec. -	95.9	Elevation: 14	
June 28, 1972	86.90	Mar. 28, 1974	95.6	Aug. 27, 1968	43.7
July 28	92.60	May 28	99.6	Sept. 25	41.7
Oct. 31	102	July 29	103	Oct. 28	42.4
Nov. 30	79	Well BH-65-61-804		Nov. 28	41.7
Dec. 27	87.6	Owner: City of Lake Jackson		Dec. 31	41.8
Apr. 27, 1973	85	Well 3		Jan. 30, 1969	40.3
July 27	97.7	Elevation: 12		Feb. 27	40.7
Oct. -	106	Jan. 19, 1968	40	Mar. 26	40.9
Dec. -	87.3	Jan. 21, 1969	37.8	Apr. 28	39.3
Mar. 28, 1974	96.8	Mar. 21	38.1	May 28	41.2
May 28	98.3	July 21	45	June 27	42.6
July 29	102.4	Sept. 25	40.5	July 28	42.4
Well BH-65-61-802		Jan. 26, 1970	40.80	Aug. 28	42.6
Owner: City of Lake Jackson		July 24	41.7	Sept. 30	43.4
Well 6		Sept. 28	40.9	Oct. 31	42.7
Elevation: 12		Dec. 22	41.6	Nov. 25	42.4
Jan. 25, 1968	67.04	Mar. 26, 1971	39.6	Dec. 31	42
Jan. 19	65.4	July 29	45.8	Jan. 28, 1970	41.6
July 18	58.7	Sept. 28	43.5	Feb. 25	42.2
Jan. 21, 1969	58.6	Dec. 28	43.6	Apr. 24	43.7
Mar. 21	60	Well BH-65-61-805		May 28	41.5
July 21	71.7	Owner: City of Lake Jackson		June 30	42.2
Sept. 25	75.3	Well 2		July 31	42.4
Jan. 23, 1970	72.75	Elevation: 13		Aug. 27	43.4
July 24	72.5	Jan. 19, 1968	38.5	Sept. 29	44.7
Sept. 28	74.5	July 18	38.3	Oct. 30	42.8
Dec. 22	69.8	Jan. 21, 1969	35.6	Dec. 2	42.9
Mar. 26, 1971	74	Mar. 21	36.5	Dec. 29	42.3
July 29	91.6	July 21	42.8	Jan. 29, 1971	43.3
Sept. 28	82.9	Sept. 25	39.3	Feb. 24	42.3
Dec. 28	81	Jan. 26, 1970	36.32	Mar. 29	42.7
June 28, 1972	83.40	July 24	35.5	Apr. 28	42.1
July 28	92	Sept. 28	37.1	May 25	44.3
Oct. 31	102	Dec. 22	35.7	June 30	44.9
Nov. 30	90.6	Mar. 26, 1971	35.1	July 30	51.6
Dec. 27		July 29	41.5		

Table 3.--Water Levels in Wells in Brazoria County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well BH-65-61-806--Continued		Well BH-65-61-809--Continued		Well BH-81-05-303--Continued	
Aug. 30, 1971	48.8	Dec. - 1973	90.8	Aug. 31, 1965	45.5
Sept. 27	47.6	Mar. 28, 1974	91.9	Sept. 30	44.5
Nov. -	46.4	May 28	96	Oct. 25	43.3
Dec. -	45.7	July 29	109.6	Nov. 26	43.3
Jan. - 1972	44.3	Well BH-65-61-810		Dec. 29	41.3
Feb. -	44.3	Owner: City of Lake Jackson		Jan. 26, 1966	41.4
Mar. -	44	Well 9		Feb. 28	43.5
Apr. -	43.6	Elevation: 14		Mar. 30	42.3
May -	44.1	Oct. 31, 1972	96	Apr. 28	42.4
July -	47.8	Nov. 30	89	May 31	42.8
Sept. -	45.2	Dec. 27	89	June 30	43.2
Oct. -	44.7	Feb. 26, 1973	88	July 29	42.9
Dec. -	44.7	Apr. 27	85.6	Aug. 30	43.2
Jan. - 1973	44.7	July 27	103.6	Sept. 30	44.1
Mar. -	43.7	Sept. -	107.6	Oct. 27	43.2
Apr. -	44	Oct. 29	96.6	Nov. 30	43.4
May -	45	Dec. -	92.6	Dec. 30	44
June -	45.3	Mar. 28, 1974	101.5	Jan. 31, 1967	44.5
July -	46.8	May 28	100.7	Feb. 28	44.4
Sept. -	47.4	July 29	112.9	Mar. 30	44
Oct. -	47.5	Well BH-81-04-202		Apr. 27	43.8
Nov. -	47.2	Owner: Holiday Shores		May 31	46.7
Dec. -	47.3	Elevation: 13		June 29	46.6
Mar. 29, 1974	46.9	Sept. 7, 1967	30.36	July 24	45.1
June 28	48.6	Jan. 28, 1969	28.23	Aug. 24	47.8
Aug. 1	49.6	Jan. 27, 1972	30.46	Sept. 28	47.7
Sept. 30	51	Aug. 11	32.11	Oct. 31	47.5
Oct. 31	51.4	Jan. 26, 1973	31.46	Nov. 30	47.2
Nov. 26	50.5	Aug. 10	33.98	Dec. 28	47.1
Dec. -	49.6	Jan. 18, 1974	31.74	Jan. 30, 1968	47.1
		Aug. 8	35.07	Feb. 23	47.2
		Well BH-81-05-303		Mar. 28	47
		Owner: Dow Chemical Co. TW-12		Apr. 29	47
		Elevation: 7		May 28	47.2
		Jan. 29, 1965	42.2	June 26	47
		Feb. 26	41.3	July 30	49.8
		Mar. 29	42.1	Aug. 27	50.5
		Apr. 29	41.3	Sept. 25	50.8
		June 2	42.8	Oct. 28	50.9
		June 29	44.2		
		July 29	44.6		
Well BH-65-61-809					
Owner: City of Lake Jackson, Well 8					
Elevation: 14					
Nov. 30, 1972	90				
Dec. 27	91.4				
Feb. 26, 1973	83				
Apr. 27	85.3				
July 27	92.6				
Sept. -	103				
Oct. 29	97.5				



Table 3.--Water Levels in Wells in Brazoria County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well BH-81-05-303--Continued		Well BH-81-05-303--Continued		Well BH-81-05-304--Continued	
Nov. 29, 1968	50.3	May - 1972	52.9	Apr. 28, 1966	48
Dec. 31	50.2	July -	52.7	May 31	49.11
Jan. 30, 1969	49.4	Sept. -	52.5	June 31	51
Feb. 27	48.6	Oct. -	52.8	July 29	52.4
Mar. 26	46.8	Dec. -	52.1	Aug. 30	53.9
Apr. 28	47.6	Jan. - 1973	52.2	Sept. 30	51.3
May 28	46.7	Mar. -	52.9	Oct. 27	51.7
June 27	47.3	Apr. -	53.3	Nov. 30	52
July 28	48.2	May. -	53.5	Dec. 30	53
Aug. 28	49.1	June -	54.6	Jan. 31, 1967	53.5
Sept. 30	50.2	July -	54.7	Feb. 28	46.2
Oct. 31	49.8	Sept. -	55.8	Mar. 30	51.8
Nov. 25	51.2	Oct. -	56.5	Apr. 27	51.3
Dec. 26	50.6	Nov. -	57	May 31	50.5
Jan. 28, 1970	51.8	Dec. -	56.4	June 29	52.4
Feb. 25	50.8	Mar. 29, 1974	58	July 24	56.5
Apr. 24	51.8	June 28	57.6	Aug. 24	52.11
May 28	51.9	Aug. 1	58.2	Sept. 28	52.9
June 30	51.9	Sept. 30	59.1	Oct. 31	52.8
July 31	52	Oct. 31	59.8	Nov. 30	54.2
Aug. 27	51.7	Nov. 26	53.8	Dec. 28	52.6
Sept. 29	53.3	Dec. -	59.8	Jan. 30, 1968	53
Oct. 30	51.9	Well BH-81-05-304		Feb. 23	53.1
Dec. 29	53.4	Owner: Dow Chemical Co. TW-8 Elevation: 7		Mar. 28	54
Jan. 29, 1971	53.2	Jan. 29, 1965	49.6	Apr. 29	54.2
Feb. 24	53.3	Feb. 26	49	May 28	57.1
Mar. 29	53	Mar. 29	48.6	June 26	62
Apr. 28	52.4	Apr. 29	48.11	July 30	57.1
May 25	52.3	June 2	50.5	Aug. 27	58.1
June 30	52.3	June 29	51	Sept. 25	59
July 30	52.9	July 29	52.4	Oct. 28	57.8
Aug. 30	53.2	Aug. 31	47	Nov. 29	57.5
Sept. 27	52.9	Sept. 30	52	Dec. 31	58.5
Nov. -	53.6	Oct. 25	50	Jan. 30, 1969	55
Dec. -	53.5	Nov. 26	52	Feb. 27	65
Jan. - 1972	52.8	Dec. 29	48.6	Mar. 26	52
Feb. -	53.8	Jan. 26, 1966	56	Apr. 28	64.3
Mar. -	53.1	Feb. 28	51	May 28	56
Apr. -	53.1	Mar. 30	48	June 27	57.6

Table 3.--Water Levels in Wells in Brazoria County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well BH-81-05-304--Continued		Well BH-81-05-304--Continued		Well BH-81-05-305--Continued	
July 28, 1969	59.6	Feb. - 1973	61.4	Jan. 31, 1967	56
Aug. 28	60.2	Mar. -	60.5	Feb. 28	45.9
Sept. 30	62.8	Apr. -	65.2	Mar. 30	51.11
Oct. 31	59	May -	65.6	Apr. 27	51.7
Nov. 25	59	June -	66	May 31	51
Dec. 26	60.9	July -	67.9	June 29	53
Jan. 28, 1970	62.6	Aug. -	68.2	July 24	55.9
Feb. 25	59.3	Sept. -	69.6	Aug. 24	52.5
Mar. 28	58.6	Oct. -	68.2	Sept. 28	52.8
Apr. 24	59.9	Nov. -	67.8	Oct. 31	52.10
May 28	59	Dec. -	70.1	Nov. 30	53.5
June 30	61	Mar. 29, 1974	67	Jan. 30, 1968	52
July 31	61.3	June 28	67.2	Feb. 23	52.2
Aug. 27	63	Aug. 1	67.1	Mar. 28	52.3
Sept. 29	62.9	Well BH-81-05-305		Apr. 29	52
Oct. 30	60.2	Owner: Dow Chemical Co. TW-9 Elevation: 7		May 28	53
Dec. 2	61.1	Jan. 29, 1965	48	June 26	56.1
Jan. 29, 1971	60.5	Feb. 26	46	July 30	61.6
Feb. 24	59.8	Mar. 29	46.4	Aug. 27	56.10
Mar. 29	57.1	Apr. 29	48	Sept. 25	56.61
Apr. 28	59.8	June 2	50	Oct. 28	56.3
May 25	64.5	June 29	52	Nov. 29	56.6
June 30	63.8	July 29	52.8	Dec. 31	55.6
July 30	63.8	Aug. 31	45	Jan. 30, 1969	53
Aug. 30	65.2	Sept. 30	52.5	Feb. 27	52
Sept. 27	65.1	Oct. 25	50	Mar. 26	50.5
Nov. -	64.7	Nov. 26	49	Apr. 28	52.6
Dec. -	61.6	Dec. 29	49	May 28	53.6
Jan. - 1972	62.2	Jan. 26, 1966	53	June 27	56.9
Feb. -	60	Feb. 28	50.5	July 28	56.9
Mar. -	61	Mar. 30	53.5	Aug. 28	59.4
Apr. -	61.3	Apr. 28	49	Sept. 30	59.1
May -	60.6	May 31	50	Oct. 31	57.2
June -	60.4	June 30	50.2	Nov. 25	53.1
Sept. -	63.11	July 29	51.3	Dec. 26	47.6
Oct. -	62	Aug. 30	52.5	Jan. 28, 1970	61.6
Nov. -	60.8	Sept. 30	52	Feb. 25	57
Dec. -	60.9	Oct. 27	52.5	Mar. 28	56.3
Jan. - 1973	62.5	Nov. 30	53	Apr. 24	57.6
		Dec. 30	53.5		

Table 3.--Water Levels in Wells in Brazoria County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well BH-81-05-305--Continued		Well BH-81-05-305--Continued		Well BH-81-05-306--Continued	
May 28, 1970	57	Dec. - 1973	67.7	July 11, 1967	56.49
June 30	58	Mar. 29, 1974	66	July 24	58.6
July 31	58	June 28	68.7	Aug. 24	54.2
Aug. 27	63.4	Aug. 1	68.6	Sept. 28	54.4
Sept. 29	60.5	Sept. 30	72.4	Oct. 31	53.6
Oct. 30	58.9	Oct. 31	70.2	Nov. 30	53.7
Dec. 2	61.1	Nov. 26	67	Dec. 28	54.1
Jan. 29, 1971	59	Well BH-81-05-306		Jan. 30, 1968	54.5
Feb. 24	57.3	Owner: Dow Chemical Co. TW 7 Elevation: 8		Feb. 23	54.6
Mar. 29	56.9	Jan. 29, 1965	50.5	Mar. 28	56
Apr. 28	58.2	Feb. 26	46.5	Apr. 29	56.1
May 25	61	Mar. 29	49.9	May 28	56.8
June 30	61	Apr. 29	49.5	June 26	58.6
July 30	61.1	June 2	51.6	July 30	60.7
Aug. 30	66.6	June 29	52.5	Aug. 27	60.5
Sept. 27	65.4	July 29	53.9	Sept. 25	58.6
Nov. -	64.3	Aug. 31	47.5	Oct. 28	59.9
Dec. -	62.4	Sept. 30	53.5	Nov. 29	57.4
Jan. - 1972	63	Oct. 25	51.5	Dec. 31	59.2
Feb. -	62	Nov. 26	51.5	Jan. 30, 1969	57
Mar. -	61.1	Dec. 29	50.5	Feb. 27	54.9
Apr. -	62.9	Jan. 26, 1966	52.5	Mar. 26	53.4
May - 1972	59	Feb. 28	52.5	Apr. 28	55.8
June -	59.1	Mar. 30	50.5	May 28	57.3
Sept. -	61.7	Apr. 28	43.5	June 27	59.5
Oct. -	62	May 31	50.4	July 28	60.1
Nov. -	60.5	June 30	52.2	Aug. 28	61.8
Dec. -	63.2	July 29	50.6	Sept. 30	62.6
Jan. - 1973	63.6	Aug. 30	49	Oct. 31	61.1
Feb. -	59.5	Sept. 30	53.5	Nov. 25	60.7
Mar. -	61.5	Oct. 27	52.5	Dec. 26	60.4
Apr. -	62.5	Nov. 30	51.5	Jan. 28, 1970	63.8
May -	64.4	Dec. 30	54.5	Feb. 25	61.5
June -	64.1	Jan. 31, 1967	56	Mar. 28	60.3
July -	65.9	Feb. 28	45.8	Apr. 24	61
Aug. -	67.4	Mar. 30	53.5	May 28	59.1
Sept. -	66.1	Apr. 27	53.5	June 30	62.1
Oct. -	67.4	May 31	49.5	July 31	62
Nov. -	65.7	June 29	53.1	Aug. 27	64

Table 3.--Water Levels in Wells in Brazoria County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well BH-81-05-306--Continued		Well BH-81-05-306--Continued		Well BH-81-05-601--Continued	
Sept. 29, 1970	63.8	Sept. 30, 1974	72.4	Jan. 26, 1966	127.2
Oct. 30	61.6	Oct. 31	72.7	Feb. 28	136.6
Dec. 2	63.3	Nov. 26	70.6	Mar. 30	137
Jan. 29, 1971	62.6	Well BH-81-05-320		Apr. 28	136.4
Feb. 24	63.4	Owner: City of Freeport		May 31	135.6
Mar. 29	60.5	Well 12		June 30	137.4
Apr. 28	61.1	Elevation: 5		July 29	142.6
May 25	63.5	Jan. 27, 1970	88.50	Aug. 30	143.4
June 30	63.6	Jan. 20, 1971	90.57	Sept. 30	146.5
July 30	67.5	Jan. 25, 1972	49.51	Oct. 27	146.2
Aug. 30	67.8	Well BH-81-05-601		Nov. 30	139.8
Sept. 27	67.9	Owner: Dow Chemical Co. TW-17		Dec. 30	140.5
Nov. -	66.5	Elevation: 15		Jan. 31, 1967	134.2
Dec. -	65.2	July 29, 1963	121.8	Feb. 28	138.6
Jan. - 1972	63.4	Aug. 29	120.5	Mar. 30	138
Feb. -	65.3	Sept. 30	123.5	Apr. 27	138
Mar. -	63.9	Oct. 30	119.2	May 31	144.2
Apr. -	63.3	Nov. 27	105.8	June 29	158.2
May -	60.1	Dec. 31	104.1	July 24	153.3
June -	60	Jan. - 1964	114.3	Aug. 24	159.5
Sept. -	63.6	Feb. -	117.2	Sept. 28	163.2
Oct. -	62.5	Mar. -	119.6	Oct. 31	154.8
Nov. -	63	Apr. -	120.1	Nov. 30	141
Dec. -	64.8	June -	123.3	Dec. 28	145.9
Jan. - 1973	67.3	July -	118.1	Jan. 30, 1968	153.4
Feb. -	62.5	Aug. -	118.2	Feb. 23	156.8
Mar. -	65.5	Sept. -	118.1	Mar. 28	157.3
Apr. -	65.2	Oct. -	124.4	Apr. 29	156.7
May -	66.9	Dec. -	126.1	May 28	154.5
June -	67	Jan. 29, 1965	123.2	June 26	151.2
July -	69.4	Feb. 26	119.3	July 30	152.3
Aug. -	68.6	Mar. 29	127	Aug. 27	148.2
Sept. -	70.5	Apr. 29	129.3	Sept. 25	143.5
Oct. -	70.6	June 2	124.4	Oct. 28	138.8
Nov. -	68.9	June 29	133.7	Nov. 29	135.4
Dec. -	70.2	July 29	133.3	Dec. 31	126.1
Mar. 29 1974	68.7	Aug. 31	137	Jan. 30, 1969	122.8
June 28	68.3	Sept. 30	136	Feb. 27	121.6
Aug. 1	68.4	Oct. 25	128.8	Mar. 26	127.2
		Nov. 26	124		
		Dec. 29	125.8		

Table 3.--Water Levels in Wells in Brazoria County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well BH-81-05-601--Continued		Well BH-81-05-601--Continued		Well BH-81-05-602--Continued	
Apr. 28, 1969	132.3	Aug. 1, 1974	149.9	Nov. 25, 1969	148.2
May 28	133.5	Sept. 30	152.8	Dec. 26	143.5
June 27	139	Oct. 31	151	Jan. 28, 1970	147.1
July 28	145.5	Nov. 26	147.5	Feb. 25	134.8
Aug. 28	146.2	Dec. -	146.9	Apr. 24	138.3
Sept. 30	146.1	Well BH-81-05-602		May 28	147.2
Oct. 31	143.7	Owner: Dow Chemical Co. TW-13 Elevation: 14		June 30	144.3
Nov. 25	140.9	Feb. 28, 1967	145.2	July 31	148.2
Dec. 26	136.6	Mar. 30	144.3	Aug. 27	150.9
Jan. 28, 1970	139.1	Apr. 27	143.8	Sept. 29	154
Feb. 25	131	May 31	150.2	Oct. 30	151.4
Apr. 24	129.6	June 29	160.5	Dec. 2	146.1
May 24	130.2	July 24	158.1	Dec. 29	143.1
June 30	136.1	Aug. 24	168	Jan. 29	145.1
July 31	139.5	Sept. 28	168.4	Feb. 24	140.5
Aug. 27	141.8	Oct. 31	158.5	Mar. 29, 1971	139.4
Sept. 29	145.9	Nov. 30	157.1	Apr. 28	145.5
Dec. 2	139	Dec. 28	148.7	May 25	147
Dec. 29	136.2	Jan. 30, 1968	158.7	June 30	150.6
Jan. 29, 1971	133.8	Feb. 23	162.1	July 30	156.2
Feb. 24	133.2	Mar. 28	162.4	Aug. 30	151.9
Apr. 28	137.3	Apr. 29	161.7	Sept. 27	142.8
June 30	142.2	May 28	158.5	Nov. -	150.8
July 30	147.9	June 26	156	Dec. -	149.6
Nov. -	142.5	July 30	157.5	Jan. - 1972	148
Apr. - 1972	138.2	Aug. 27	155.1	Feb. -	143.8
May -	141.5	Sept. 25	146.1	Mar. -	140
July -	145.3	Oct. 28	142.8	Apr. -	146.5
Oct. -	130.4	Dec. 31	130.5	May -	148.9
Dec. -	128	Jan. 30, 1969	126.9	July -	153.8
Mar. - 1973	131.2	Feb. 27	125.2	Sept. -	142.8
Apr. -	135.3	Mar. 26	134.3	Oct. -	133.9
June -	135.4	Apr. 28	139.4	Dec. -	134
July -	146.1	May 28	141.6	Jan. - 1973	138.9
Oct. -	147.1	June 27	147.7	Mar. -	138.5
Nov. -	146.2	July 28	153.5	Apr. -	142.4
Dec. -	143.7	Aug. 28	154.7	May -	145.3
Mar. 29, 1974	137.1	Sept. 30	154	June -	139.2
June 28	144.3	Oct. 30	150.1	July -	154.4

Table 3.--Water Levels in Wells in Brazoria County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well BH-81-05-602--Continued		Well BH-81-06-407		Well BH-81-06-407--Continued	
Sept. - 1973	159.1	Owner: Dow Chemical Co. TW-6 Elevation: 2		Feb. 24, 1971	125.2
Oct. -	154.7			Mar. 29	124.5
Nov. -	153.2	Oct. 31, 1967	141.2	Apr. 28	128.6
Aug. 27, 1974	159.3	Nov. 30	139.6	May 25	129.4
Sept. 30	161.8	Dec. 28	133.7	June 30	130.2
Oct. 31	158.3	Jan. 30, 1968	141.1	July 30	140.7
Nov. 26	154.5	Feb. 23	143.3	Aug. 30	137.2
Dec. -	154	Mar. 28	145.4	Sept. 27	137.8
Well BH-81-06-102		Apr. 29	143.9	Nov. -	137.3
Owner: City of Freeport Well 4 Elevation: 6		May 28	145.6	Dec. -	136.4
Jan. 25, 1972	141.67	June 26	144.8	Jan. - 1972	134.8
Aug. 11	149.27	July 30	141.8	Feb. -	128.1
Jan. 17, 1973	119.23	Aug. 27	140	Mar. -	124.8
Jan. 17, 1974	142.80	Sept. 25	135.8	Apr. -	130.4
Well BH-81-06-107		Oct. 28	131.7	May -	132.8
Owner: City of Freeport Well 11 Elevation: 4		Nov. 29	130.4	July -	135.8
Jan. 31, 1969	139	Dec. 31	122.6	Sept. -	127.2
Jan. 27, 1970	146.12	Jan. 30, 1969	120.4	Oct. -	124.6
Jan. 20, 1971	124.97	Feb. 27	119.6	Dec. -	118.8
Jan. 25, 1972	143	Mar. 26	120.6	Jan. - 1973	122.1
Jan. 17, 1973	121.40	Apr. 28	125.4	Feb. -	122.8
Well BH-81-06-405		May 28	126	Mar. -	126.8
Owner: City of Freeport Well 8 Elevation: 5		June 27	132.6	Apr. -	126.8
Jan. 25, 1972	130.9	July 28	138.6	May -	129.2
Jan. 17, 1973	120.55	Aug. 28	138.8	June -	130.8
Jan. 17, 1974	128.20	Sept. 30	138.8	July -	139.2
Well BH-81-06-406		Oct. 31	134.7	Sept. -	141
Owner: City of Freeport Well 6 Elevation: 5		Nov. 25	132.8	Oct. -	139.3
Jan. 31, 1969	128.2	Dec. 26	128.2	Nov. -	135.2
Jan. 27, 1970	149.01	Jan. 28, 1970	131.8	Dec. -	133
Jan. 20, 1971	141.58	Feb. 25	124.1	Mar. 29, 1974	128.2
Jan. 25, 1972	147.10	Apr. 24	123.1	Aug. 1	140.3
Jan. 17, 1973	142.15	May 28	123.48	Sept. 30	142.7
Jan. 17, 1974	150.97	June 30	129.1	Oct. 31	140.3
		July 31	133.3	Nov. 26	138.1
		Aug. 27	137.9	Dec. -	137.1
		Oct. 30	138.8		
		Dec. 2	131.5		
		Dec. 29	127.4		
		Jan. 29, 1971	129.3		

Table 3.--Water Levels in Wells in Brazoria County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well BH-81-06-408		Well BH-81-06-408--Continued		Well BH-81-06-413	
Owner: Dow Chemical Co. TW-7b Elevation: 7				Owner: Dow Chemical Co. TW-3 Elevation: 5	
Nov. 30, 1967	155.6	Jan. 20, 1971	128.60	Nov. 30, 1967	138.1
Dec. 28	137.6	Feb. 24	126.5	Jan. 30, 1968	135.3
Jan. 23, 1968	143.08	Mar. 29	125.7	Feb. 23	143.7
Feb. 23	147.6	Apr. 28	130	Mar. 28	140.9
Mar. 28	148.3	May 25	131.5	Apr. 29	146.3
Apr. 29	147.8	June 30	132.6	May 28	141.5
May 28	146	July 30	141.6	June 26	130.5
June 26	142.6	Aug. 11	139.38	July 30	130.5
July 30	143.5	Sept. 27	138.5	Aug. 27	146.5
Aug. 8	144.09	Nov. -	137.3	Sept. 25	146.7
Sept. 25	137.2	Dec. -	136.8	Oct. 28	142.5
Oct. 28	133.2	Jan. 20, 1972	133.16	Nov. 29	123.9
Nov. 29	130.4	Feb. -	130.66	Dec. 31	130
Dec. 31	121.5	Mar. -	126.9	Jan. 30, 1969	131.5
Jan. 30, 1969	118.93	Apr. -	131	Feb. 27	125
Feb. 27	117.6	May -	134.2	Mar. 26	130.5
Mar. 26	121	Aug. 10	137.52	Apr. 28	134.5
Apr. 28	126.2	Sept. -	129.6	May 28	129.9
May 28	127.1	Oct. -	125.1	June 27	142.1
June 27	132.5	Dec. -	121.1	July 28	143.5
July 28	138.5	Jan. 17, 1973	121.48	Aug. 28	145
Aug. 13	139.29	Mar. -	124	Sept. 30	143.5
Aug. 28	139.6	Apr. -	128.1	Oct. 31	139.4
Sept. 30	139.5	May -	130.9	Nov. 25	136.6
Oct. 31	135.4	June -	130.7	Dec. 26	133.3
Nov. 25	133.6	July -	139.1	Jan. 28, 1970	134.6
Dec. 26	129.8	Aug. 8	140.25	Feb. 25	138.5
Jan. 27, 1970	133.09	Sept. -	142.9	Mar. 28	129.5
Feb. 25	126	Oct. -	140.4	Apr. 24	126.5
Apr. 24	123.5	Nov. -	138.3	May 28	132.5
May 28	124.2	Dec. -	136.3	July 31	137.1
June 30	129.6	Jan. 17, 1974	136.11	Aug. 27	140.5
July 31	132.8	Mar. 29	130	Sept. 29	141
Aug. 11	135.25	Aug. 7	141.14	Oct. 30	137.2
Sept. 29	139.2	Jan. 22, 1975	140.66	Dec. 2	133.1
Oct. 30	137.1			Dec. 29	127.5
Dec. 2	132.9			Jan. 29, 1971	128.5
Dec. 29	129.3			Feb. 24	144.9

Table 3.--Water Levels in Wells in Brazoria County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well BH-81-06-413--Continued		Well BH-81-06-505		Well BH-81-06-505--Continued	
Mar. 29, 1971	125.9	Owner: Dow Chemical Co. TW-2 Elevation: 4		Mar. 29, 1971	125.6
Apr. 28	127.5	Jan. 30, 1968	116.8	Apr. 28	123
May 25	129.5	Feb. 23	131.8	May 25	122.6
June 30	133.5	Mar. 28	114.6	June 30	127.6
July 30	141.5	Apr. 29	132	July 30	134
Aug. 30	133.3	May 28	127.1	Aug. 30	134
Sept. 27	138.5	June 26	133	Sept. 27	133
Nov. -	138.1	July 30	133	Nov. -	135.2
Dec. -	133.9	Aug. 27	128.7	Dec. -	130
Jan. - 1972	132.5	Sept. 25	125.1	Jan. - 1972	128
Feb. -	133.5	Oct. 28	132.7	Feb. -	129
Mar. -	135.5	Nov. 29	121.5	Mar. -	132
Apr. -	133.9	Dec. 31	128	Apr. -	130.4
May -	138.1	Jan. 30, 1969	124.5	May -	133.6
June -	135.1	Feb. 27	123	June -	128
July -	134	Mar. 26	122	July -	128
Aug. -	133.5	Apr. 28	124	Aug. -	133
Sept. -	133.5	May 28	119.6	Sept. -	126
Oct. -	128.5	June 27	130	Oct. -	126
Nov. -	127.9	July 28	130.4	Nov. -	126
Dec. -	121.1	Aug. 28	137.5	Dec. -	119.6
Jan. - 1973	121.5	Sept. 30	134	Jan. - 1973	120
Feb. -	125.5	Oct. 31	131	Feb. -	121
Mar. -	122.5	Nov. 25	132.8	Mar. -	122
Apr. -	129.5	Dec. 26	127	Apr. -	124
May -	131.5	Jan. 28, 1970	128.3	May -	131
June -	135.5	Feb. 25	135	June -	131
July -	141.5	Mar. 28	124	July -	133
Sept. -	140.5	Apr. 24	127	Aug. -	132
Oct. -	141.5	May 28	128	Sept. -	130
Dec. -	134.5	June 30	134	Oct. -	131
Jan. - 1974	136.5	July 31	135	Dec. -	124
Mar. 29	135.8	Aug. 27	138	Jan. - 1974	135
Aug. 1	145.7	Sept. 29	135.4	Mar. 29	135.7
Sept. 30	145.2	Oct. 30	130.8	Aug. 1	130.6
Oct. 31	143.5	Dec. 2	131.6	Sept. 30	128
Nov. 26	142.7	Dec. 29	131.6	Oct. 31	129
Dec. -	127.5	Jan. 29, 1971	123	Nov. 26	132.5
		Feb. 24	129.6	Dec. -	126



Table 3.--Water Levels in Wells in Brazoria County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well BH-81-06-506		Well BH-81-06-506--Continued			
Owner: Dow Chemical Co. TW-1 Elevation: 8		Nov. -	136.7		
		Dec. -	132.5		
Apr. 29, 1968	121.1	Jan. - 1972	131.5		
May 28	131.1	Feb. -	129.9		
June 26	138.8	Mar. -	128.5		
July 30	138.8	Apr. -	130.8		
Aug. 27	128.5	May -	131.5		
Sept. 25	133.6	June -	131.1		
Oct. 28	132.3	July -	131.5		
Nov. 29	126.5	Oct. -	125.5		
Dec. 31	136	Nov. -	127.1		
Jan. 30, 1969	122.5	Dec. -	117.5		
Feb. 27	120	Jan. - 1973	118.5		
Mar. 26	122.5	Feb. -	122.5		
Apr. 28	126.5	Mar. -	126.5		
May 28	124.6	Apr. -	130.5		
June 27	131.5	May -	127.5		
July 28	133.1	June -	137.5		
Aug. 28	140.5	Sept. -	132.5		
Sept. 30	136.5	Oct. -	137.5		
Oct. 31	127.5	Dec. -	126.5		
Nov. 25	131.1	Jan. - 1974	135.5		
Mar. 28, 1970	129.5	Mar. 29	137.4		
May 28	125.5	Aug. 1	132.5		
June 30	132.5	Sept. 30	129.5		
July 31	135.5	Oct. 31	130.5		
Aug. 27	135.5	Nov. 26	136.6		
Sept. 29	136.2	Dec. -	141.5		
Oct. 30	139.1				
Dec. 2	133.1				
Dec. 29	127.5				
Jan. 29, 1971	124.5				
Feb. 24	135.3				
Mar. 29	127.7				
Apr. 28	128.5				
May 25	129.1				
June 30	132.5				
July 30	138.5				
Aug. 30	139.5				
Sept. 27	134.5				

Table 4.--Chemical Analyses of Water from Wells in Brazoria County  
 When no potassium (K) is reported, sodium and potassium are calculated and reported as sodium (Na)  
 Water-bearing units: C, Chicot aquifer; CU, Upper unit of Chicot aquifer; CL, Lower unit of Chicot aquifer

WELL	OWNER	DEPTH OF PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DIS-SOLVED SILICA (SiO <sub>2</sub> ) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO <sub>3</sub> ) (MG/L)	CARBONATE (CO <sub>3</sub> ) (MG/L)	DIS-SOLVED SULFATE (SO <sub>4</sub> ) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)	DIS-SOLVED NITRITE (NO <sub>2</sub> ) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED (SUM OF CONSTITUENTS) (MG/L)	HARDNESS (CA, MG) (MG/L)	PERCENT SODIUM (PCT)	SODIUM ADSORPTION RATIO (SAR)	SODIUM SPECIFIC CONDUCTANCE (MICROHMS)	TEMPERATURE (°C)	TEMPERATURE (°C)
1/BB-62-44-906	Texas Department of Corrections Ramsey Unit	550-870	CL	11-9-72	14	2/ 240	3/ 30	33	8.0	170	--	284	0	0.0	180	4/ 0.5	0.14	--	--	540	120	76	2.35	6.8	960	7.7	--
1/ 51-604	Verner Creek Municipal Utility District Columbia Lakes Well 3	560-630	CL	7-26-73	14	2/ 360	3/ 60	40	9.0	230	--	272	0	3.0	280	4/ .5	.29	--	--	710	140	78	1.72	8.4	1,340	7.8	--
1/ 52-708	Verner Creek Municipal Utility District Well 1	90-202	CU	11-15-72	19	2/ 3,100	3/ 160	140	36	200	--	678	0	86	190	4/ .4	.23	--	--	995	490	47	1.57	3.9	1,660	7.1	--
1/ 54-104	Brazoria County WCID No. 4 Hanbury	160-230	CU	8-11-70	13	2/ 110	--	49	24	190	--	453	0	2.0	190	--	--	--	--	694	220	66	3.04	5.6	1,230	7.7	--
5/ 55-202	Amoco Chemical Corp.	730-838	C	3-8-69	14	300	20	10	3.0	210	--	415	0	.0	260	1.1	.02	--	--	693	38	92	6.03	15	1,440	8.0	--
6/ 62-407	do	267-286	C	8-4-72	24	0	--	7.0	16	340	--	652	0	21	120	--	--	--	--	853	89	90	9.02	16	--	7.6	--
6/ 409	do	259-278	C	8-22-72	10	0	--	6.0	17	190	--	628	0	150	140	--	--	--	--	815	85	83	8.60	8.6	--	7.1	--

1/ Analyzed by Edna Wood Laboratories

2/ Total Iron (Fe)

3/ Total manganese (Mn)

4/ Total fluoride (F)

5/ Analyzed by Curtis Laboratories

6/ Analyzed by Amoco Chemical Corp.

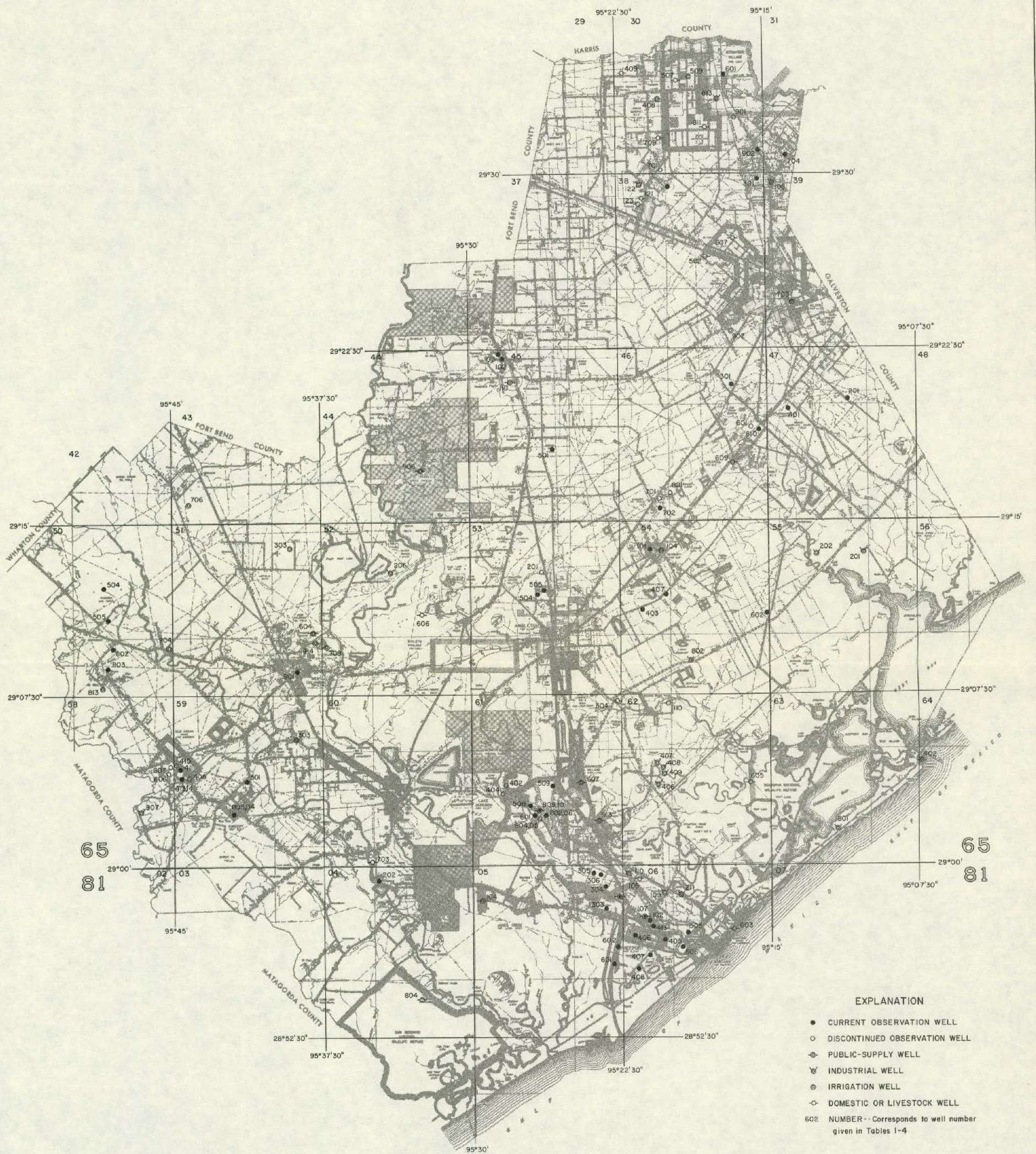


Figure 1  
Locations of Wells in Brazoria County

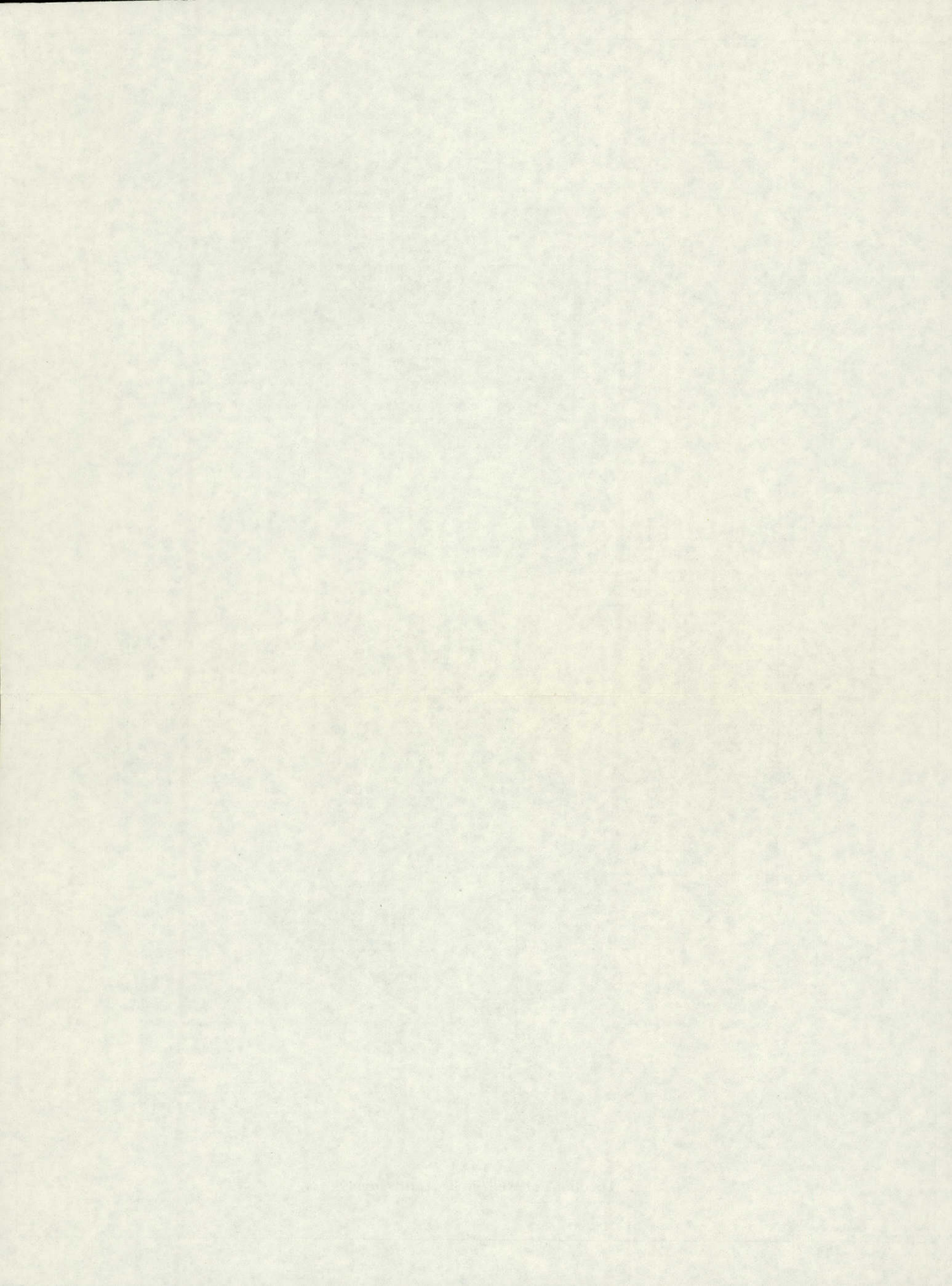


Table 5.--Records of Wells in Fort Bend County

Water levels : Reported water levels given in feet; measured water levels given in feet and tenths.  
 Method of lift and type of power: E, electric; G, gasoline, butane, or diesel engine; Na, natural gas; Sub, submersible; T, turbine. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; P, public supply; N, none.  
 Water-bearing unit : C, Chicot aquifer; CL, lower unit of Chicot aquifer; E, Evangeline aquifer.

No.	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.)			Above (+) or below land surface datum (ft.)	Date of measurement			
JY-65-17-206	Richard A. Woods	Katy Drilling, Inc.	1970	583	18 12	338 583	C,E	156	115	Dec. 23, 1970	T,Ng	Irr	Casing slotted from 156 to 583 feet. Reported yield 3,024 gal/min with 53 feet drawdown when drilled. <u>1/</u>
308	Stewart & Stevenson, Inc.	do.	1969	711	20 12	403 711	C,E	142	114	Jan. 14, 1969	T,E 200	Irr	499 feet of slotted pipe between 191 and 711 feet. Reported yield 3,351 gal/min with 206 feet drawdown when drilled. <u>1/</u>
606	Stella Ranch	do.	1972	842	20 12	440 842	C,E	142	125	Nov. 1972	--	Irr	Casing slotted from 240 to 843 feet. Reported yield 4,150 gal/min with 202 feet drawdown when drilled. <u>1/</u>
18-112	Cardiff Bros.	do.	1973	914	20 12	440 914	E,C	138	129	Feb. 1, 1973	T,Ng 350	Irr	Casing slotted from 250 to 914 feet. Reported yield 3,260 gal/min with 213 feet drawdown when drilled. <u>1/</u>
113	Stewart & Stevenson, Inc.	do.	1969	642	20 12	404 642	E,C	140	115	Jan. 14, 1969	T,E 200	Irr	412 feet of slotted pipe between 174 and 642 feet. Reported yield 3,250 gal/min with 198 feet drawdown when drilled. Test hole drilled to 803 feet. <u>1/</u>
206	Jimmie Johnson	do.	1970	760	20 12	400 760	E,C	127	109	Feb. 1970	T,Ng 145	Irr	Casing slotted from 251 to 760 feet. Reported yield 3,130 gal/min with 183 feet drawdown when drilled. <u>1/</u>
207	E. K. Sanders	do.	1969	350	14	350	C	121	100	Mar. 1969	T,E	Irr	Casing slotted from 160 to 350 feet. Reported yield 1,160 gal/min with 115 feet drawdown when drilled.
# 19-601	John L. Dore Co.	Layne-Texas Co.	1968	554	8 4	450 554	C	90	132	May 20, 1968	--	Ind	Screen from 462 to 542 feet. <u>1/</u>
# 904	Ft. Bend County WC&ID No. 4	do.	1969	1,775	10 6	1,292 1,775	E	86	192	Aug. 21, 1969	T,E	P	150 feet of screen between 1,305 and 1,760 feet. Reported yield 457 gal/min with 56 feet drawdown when drilled. <u>1/</u>
# 20-708	Ft. Bend County WC&ID No. 2	do.	1970	1,625	16 10	910 1,625	E	86	185	Mar. 24, 1970	T,E	P	200 feet of screen between 920 and 1,610 feet. Reported yield 1,277 gal/min with 44 feet drawdown when drilled. <u>1/</u>
# 709	The Meadows Municipal Utility District, well 2	do.	1972	1,035	16 10	710 1,035	E	87	205	Nov. 14, 1972	T,E	P	200 feet of screen between 720 and 1,015 feet. Reported yield 1,235 gal/min with 57 feet drawdown when drilled. <u>1/</u>
.710	The Baylor Co.	Ellis Water Well Drilling	1968	452	4	452	C	80	128	Aug. 28, 1968	Sub,E 5	Ind	Screen from 440 to 452 feet. <u>1/</u>
804	Weatherford Farm & Greenhouse, Inc.	Bryan Drilling Co.	1971	377	6	377	C	80	125	Apr. 2, 1971	Sub,E	D	Screen from 357 to 377 feet. <u>1/</u>
805	Texas Instruments, Inc.	Layne-Texas Co.	1969	1,020	14 8	660 1,020	E,C	84	164	Apr. 17, 1971	T,E	Ind	155 feet of screen between 690 and 1,005 feet. Reported yield 765 gal/min with 64 feet drawdown when drilled. <u>1/</u>

See footnotes at end of table.

Table 5.--Records of Wells in Fort Bend County--Continued

No.	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.)			Above (+) or below land surface datum (ft.)	Date of measurement			
# JY-65-20-806	The Meadows Municipal Utility District, well 1	Layne-Texas Co.	1970	1,040	16 10	740 1,040	E	80	178	June 2, 1970	T,E	P	180 feet of screen between 750 and 1,028 feet. Reported yield 1,023 gal/min with 39 feet drawdown when drilled. <u>1/</u>
25-505	Greenwald & Banfield	Katy Drilling, Inc.	1973	793	20 12	400 793	C,E	117	73	Nov. 1973	T,Ng 350	Irr	Casing slotted from 223 to 793 feet. Reported yield 4,300 gal/min with 217 feet drawdown when drilled. <u>1/</u>
506	John Moore	do.	1972	770	20 12	400 770	C,E	114	71	Oct. 1972	T,G 350	Irr	Casing slotted from 200 to 770 feet. Reported yield 4,300 gal/min with 163 feet drawdown when drilled. <u>1/</u>
909	Wilford Hopmann	do.	1968	473	20 12	231 473	C	110	62	Mar. 18, 1968	T,E	Irr	323 feet of slotted casing. Reported yield 3,263 gal/min with 72 feet drawdown when drilled. <u>1/</u>
27-212	Robert Schumann	Ellis Water Well Drilling	1971	329	4	329	C	75	84	June 24, 1971	Sub,E 1 1/2	D	Screen from 319 to 329 feet. <u>1/</u>
319	Venetian Estates	Layne-Texas Co.	1968	190	16	190	C	70	8.8	May 1, 1968	T,E	Irr	123 feet of slotted casing between 33 and 184 feet. Reported yield 1,067 gal/min with 28 feet drawdown when drilled. Regulates lake level. <u>1/</u>
320	Signal Oil Co.	Lowry Water Wells	1968	219	4 2	202 219	C	75	84	Oct. 31, 1968	Sub,E 1	Ind	Screen from 205 to 215 feet. <u>1/</u>
321	Brazos River Authority	Layne-Western Co., Inc.	1974	302	6 4	236 302	C	75	81	Feb. 1974	Sub,E	Ind	Screen from 240 to 280 feet. <u>1/</u>
405	J. C. Wessendorff	Hardin Water Well	1972	85	10	85	C	75	36	Jan. 2, 1972	T,E 15	Irr	Casing slotted from 65 to 85 feet. Supplies lake. <u>1/</u>
# 28-102	City of Cities Municipal Utility District, Sugar Creek, well 1	Layne-Texas Co.	1970	900	16 10	508 900	E	75	148	May 7, 1970	T,E	P	199 feet of screen between 519 and 884 feet. Reported yield 1,100 gal/min with 62 feet drawdown when drilled. <u>1/</u>
# 309	Blue Ridge Municipal Utility District, Chasewood, well 1	do.	1969	1,032	14 8	760 1,032	E	75	189	May 31, 1969	T,E	P	140 feet of screen between 770 and 1,020 feet. Reported yield 1,100 gal/min with 94 feet drawdown when drilled. <u>1/</u>
310	Willow Wisp County Club	T. C. Busseil & Son	1971	504	6 4	320 504	CL	72	125	Oct. 15, 1971	Sub,E	Irr	Supplies golf course and swimming pool. <u>1/</u>
504	R. T. Herrin	American Drilling Co.	1971	104	6	104	C	62	10	July 12, 1971	Sub,E 5	Irr	Screen from 94 to 104 feet. Supplies lake. <u>1/</u>
505	Thunderbird Municipal Utility District, Quail Valley	Texas Water Wells, Inc.	1972	1,074	10	1,074	E,CL	69	343	Nov. 1972	T,E 150	P	172 feet of screen between 632 and 1,068 feet. Reported yield 1,266 gal/min when drilled. <u>1/</u>

See footnotes at end of table.

Table 5.--Records of Wells in Fort Bend County--Continued

No.	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.)			Above (+) or below land surface datum (ft.)	Date of measurement			
JY-65-28-506	Quail Valley Municipal Utility District, well 1	Layne-Texas Co.	1969	1,200	12 6	1,010 1,200	E	70	155	July 17, 1969	T,Ng	P	120 feet of screen between 1,020 and 1,185 feet. Reported yield 524 gal/min with 85 feet drawdown when drilled. <u>1/</u>
603	Quail Valley Municipal Utility District, well 2	Texas Water Wells, Inc.	1972	1,077	-- 12	-- 1,077	E	75	180	June 1972	T,E	P	202 feet of screen between 620 and 1,056 feet. Reported yield 1,500 gal/min with 41 feet drawdown when drilled. <u>1/</u>
808	Hurricane Steel Industries	Wellco Water Well Drilling Co.	1970	560	4 2	-- 560	C	60	110	July 11, 1970	Sub,E 3	D	Screen from 540 to 560 feet. <u>1/</u>
# 29-209	Ridgemont Municipal Utility District, Mayfair Park, well 1	Layne-Texas Co.	1969	1,050	14 8	753 1,050	E	65	211	Sept. 11, 1969	T,E	P	140 feet of screen between 766 and 1,035 feet. Reported yield 1,100 gal/min with 87 feet drawdown when drilled. <u>1/</u>
515	Witco Chemical Corp.	E. J. Swinehart Co.	1969	618	4 2 1/2	575 618	CL	65	204	Sept. 16, 1969	Sub,E 5	Ind	Screen from 579 to 595 feet. <u>1/</u>
516	Heat Exchangers, Inc.	Almeda Water Well Service	1971	365	6 4	342 365	C	65	128	Jan. 28, 1971	Sub,E 7 1/2	Ind	Screen from 345 to 365 feet. <u>1/</u>
517	Witco Chemical Corp.	H&H Water Well Drilling	1972	596	6 4	546 596	C	66	220	May 5, 1972	E	Ind	Screen from 581 to 596 feet. <u>1/</u>
704	Gantubien	Almeda Water Well Service	1973	588	4 2	439 488	C	70	95	June 8, 1973	Sub,E	D	19 feet of screen between 441 and 468 feet. <u>1/</u>
# 33-209	Hudson Products Co.	Layne-Texas Co.	1970	1,061	10 6	890 1,061	E	100	63	Aug. 26, 1970	T,E	Ind	80 feet of screen between 900 and 1,045 feet. Reported yield 323 gal/min with 34 feet drawdown when drilled. Test hole drilled to 1,214 feet. <u>1/</u>
304	City of Beasley	Texas Water Wells, Inc.	1972	955	-- 6	-- 955	E	106	251	Nov. 1972	T,E 40	P	102 feet of screen between 808 and 950 feet. Reported yield 351 gal/min when drilled. Test hole drilled to 1,150 feet. <u>1/</u>
405	Kindleton-Prude Water Supply	Katy Drilling, Inc.	1969	571	8 4	505 571	CL	98	37	Sept. 13, 1969	T,E	P	Screen from 512 to 566 feet. Reported yield 205 gal/min with 99 feet drawdown when drilled. <u>1/</u>
509	Jack Wendt	do.	1971	623	20 12	320 623	C	96	54 43.8	Mar. 24, 1971 Jan. 17, 1974	T,Ng	Irr	Casing slotted from 120 to 623 feet. Reported yield 3,702 gal/min with 38 feet drawdown when drilled. <u>1/2/</u>
510	do.	do.	1972	591	20 12	324 591	C	95	52 41.1	Apr. 25, 1972 Jan. 17, 1974	T,Ng	Irr	Casing slotted from 170 to 591 feet. Reported yield 3,088 gal/min with 44 feet drawdown when drilled. <u>1/2/</u>
609	Clarence Danklefs	do.	1970	594	20 12	320 594	C	96	74	June 1970	T,Ng	Irr	Casing slotted from 200 to 594 feet. Reported yield 4,000 gal/min with 57 feet drawdown when drilled. <u>1/</u>

See footnotes at end of table.

Table 5.--Records of Wells in Fort Bend County--Continued

No.	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.)			Above (+) or below Land surface datum (ft.)	Date of measurement			
JY-65-33-610	Alboa Grass Farm	O. T. Davis & Sons	1973	248	--	--	C	96	--	--	T,G	Irr	Casing slotted from 150 to 247 feet. <sup>1/</sup>
906	do.	do.	1972	285	14	285	C	89	--	--	N	N	Casing slotted from 120 to 285 feet. Well caved. <sup>1/</sup>
35-716	R. E. Hobbs	Katy Drilling, Inc.	1972	630	20 12	360 630	C	72	90	Sept. 13, 1972	T,E 125	Irr	Casing slotted from 201 to 630 feet. Reported yield 2,030 gal/min with 40 feet drawdown when drilled. <sup>1/</sup>
801	Jefferson Lake Sulphur Co., well 11	do.	1969	507	20 10	310 507	C	67	115 109.3	Sept. 1969 Apr. 18, 1972	Sub,E	Ind	Casing slotted from 317 to 507 feet. Reported yield 1,012 gal/min with 161 feet drawdown when drilled. <sup>1/</sup>
41-305	Anton Rychlik	Crowell Drilling Co.	1973	510	14 12	250 510	C	76	--	--	T,Ng 150	Irr	Casing slotted from 210 to 510 feet. <sup>1/</sup>

# See table 8 for chemical analyses of water from wells.  
<sup>1/</sup> See table 6 for drillers' logs of wells.  
<sup>2/</sup> See table 7 for water levels in wells.



Table 6.--Drillers' Logs of Wells in Fort Bend County

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well JY-65-17-206 Owner: Richard A. Woods Driller: Katy Drilling, Inc.			Well JY-65-17-308--Continued		
			Sand and rock	28	489
Clay	18	18	Clay	11	500
Clay and streaks of sand	7	25	Sand and rock	15	515
Clay	55	80	Clay	26	541
Sand and gravel	43	123	Sand and rock	7	548
Clay, sand streaks	33	156	Clay	19	567
Sand and gravel	44	200	Sand and rock	56	623
Shale	25	225	Clay	9	632
Sand and gravel	15	240	Sand and rock	27	659
Clay, hard streaks	20	260	Clay	10	669
Sand and gravel	40	300	Sand and rock	42	711
Sand, hard	10	310	Clay	15	726
Sand, with hard streaks	28	338	Sand and rock	8	734
Shale	195	533	Clay	45	779
Sand	50	583	Sand	16	795
Well JY-65-17-308 Owner: Stewart and Stevenson, Inc. Driller: Katy Drilling, Inc.			Clay	5	800
Well JY-65-17-606 Owner: Stella Ranch Driller: Katy Drilling, Inc.					
Surface and clay	18	18	Surface clay	19	19
Sand	19	37	Sand	21	40
Clay	33	70	Clay and sand	18	58
Sand	14	84	Sand	39	97
Clay	22	106	Clay	7	104
Sand and gravel	22	128	Sand and gravel	126	230
Clay	6	134	Clay and sand	22	252
Sand and gravel	28	162	Sand and rock	116	368
Clay	14	176	Clay	11	379
Sand	19	195	Sand and rock	10	389
Clay	17	212	Clay	63	452
Sand and rock with small clay breaks	79	291	Sand and rock	85	537
Clay	33	324	Clay	31	568
Sand and rock	30	354	Sand and rock	81	649
Clay	18	372	Clay	123	772
Sand rock	32	404	Sand and rock	71	843
Clay, tough	57	461	Clay	17	860

Table 6.--Drillers' Logs of Wells in Fort Bend County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well JY-65-17-606--Continued			Well JY-65-18-113 Owner: Stewart and Stevenson, Inc. Driller: Katy Drilling, Inc.		
Sand	5	865			
Clay	10	875	Topsoil	52	52
Well JY-65-18-112 Owner: Cardiff Bros. Driller: Katy Drilling, Inc.			Sand	34	86
Surface and clay	28	28	Clay	14	100
Sand	12	40	Sand	28	128
Clay	21	61	Clay	6	134
Sand	39	100	Sand, rocky with fine gravel	92	226
Clay	15	115	Clay	4	230
Sand, gravel and rock	82	197	Sand with fine gravel	76	306
Clay	23	220	Clay	6	312
Sand, hard rock	125	345	Sand, rocky with clay breaks	40	352
Clay	18	363	Clay and rocks	7	359
Sand, rock	33	396	Sand, rocky	22	381
Clay	4	400	Clay, soft, with sand breaks	97	478
Sand	5	405	Sand and clay streaks	10	488
Clay	40	445	Clay	26	514
Sand, rock	5	450	Sand, rock	14	528
Clay	47	497	Clay	16	544
Sand, rock	159	656	Sand, rock	68	612
Clay	16	672	Clay	16	628
Sand, rock	17	689	Sand, rock	14	642
Clay	39	728	Clay	76	718
Sand	16	744	Sand	15	733
Clay	16	760	Clay	21	754
Sand, rock	29	789	Sand and rock	14	768
Sand, rock	69	858	Clay	35	803
Clay	38	896	Well JY-65-18-207 Owner: E. K. Sanders Driller: Katy Drilling, Inc.		
Sand	3	899	Clay	15	15
Sand	15	914	Sand	5	20
Clay	70	984	Clay	98	118
Sand	32	1,016	Sand	22	140
Sand, shale	37	1,053	Clay	17	157
			Sand and gravel	78	235
			Clay	35	270

Table 6.--Drillers' Logs of Wells in Fort Bend County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well JY-65-18-207--Continued			Well JY-65-19-601--Continued		
Sand and clay strips	45	315	Clay	3	487
Sand and gravel	35	350	Sand and gravel and clay streaks	7	494
Clay	22	372	Sand, fine	6	500
Sand	10	382	Clay and gravel	7	507
Clay	25	407	Rock	1	508
Well JY-65-19-601 Owner: John L. Dore Company Driller: Layne-Texas Co.			Sand, fine and few hard streaks	7	515
Topsoil	2	2	Clay and gravel	9	524
Clay, yellow	4	6	Sand and few streaks of clay	18	542
Clay, red	18	24	Clay	13	555
Clay, yellow	26	50	Well JY-65-19-904 Owner: Fort Bend County WC&ID No. 4 Driller: Layne-Texas Co.		
Clay layers, red and yellow	14	64	Topsoil	4	4
Clay, red	20	84	Clay	51	55
Clay, yellow	10	94	Sand	10	65
Clay, gray sandy	31	125	Clay, red	85	150
Clay, yellow	29	154	Sand, coarse, fine gravel	52	202
Clay, gray	10	164	Shale, blue	17	219
Clay, sandy	13	177	Sand, coarse and gravel	31	250
Gravel and sand	8	185	Shale, gray	82	332
Sand and gravel	11	196	Sand, sandy shale	49	381
Sand and gravel, clay streaks and rock streaks	49	245	Shale, sandy	17	398
Sand and gravel and clay streaks	8	253	Sand	21	419
Clay and sandy clay	5	258	Shale, brown and white	35	454
Sand and gravel and clay streaks	47	305	Sand and sandy shale	32	486
Rock and clay streaks	5	310	Shale and sand streaks	14	500
Sandy clay and clay	21	331	Sand and fine gravel	57	557
Clay and gravel streaks	31	362	Shale	15	572
Sand stone and clay streaks	21	383	Sand and hard sand	58	630
Clay and sandy clay	22	405	Sand, hard and shale streaks	64	694
Clay and few gravel streaks	28	433	Shale	26	720
Clay and gravel	10	443	Sand	32	752
Clay and layers of gravel	13	456	Shale	16	768
Clay, sandy	7	463	Sand	14	782
Sand and gravel and clay streaks	21	484	Shale, sandy and sand	27	809

Table 6.--Drillers' Logs of Wells in Fort Bend County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well JY-65-19-904--Continued			Well JY-65-20-708		
			Owner: Fort Bend County WC&ID No. 2		
			Driller: Layne-Texas Co.		
Sand	26	835			
Shale, hard layers and streaks of sandy shale	55	890	Clay and clay, sandy	33	33
Sand, coarse and hard layers	32	922	Clay and sand streaks	82	115
Sand, hard, coarse	21	943	Sand	10	125
Shale	10	953	Shale, hard	31	156
Sand	27	980	Shale, sandy and sand streaks	34	190
Shale, sandy and sand streaks	98	1,078	Shale and hard streaks	30	220
Shale and sand streaks	29	1,107	Shale	8	228
Shale and hard sand streaks	13	1,120	Sand	62	290
Shale	84	1,204	Shale	20	310
Shale and sandy shale	51	1,255	Sand	29	339
Sand and sandy shale	18	1,273	Shale	8	347
Shale, sandy	8	1,281	Sand	23	370
Sand, fine and shale breaks	56	1,337	Shale	8	378
Shale	39	1,376	Sand	13	391
Sand	5	1,381	Shale	9	400
Shale	16	1,397	Sand and shale streaks	30	430
Sand and sandy shale	18	1,415	Shale	4	434
Sand and streaks of shale	42	1,457	Sand and gravel	27	461
Sand, hard	15	1,472	Shale	14	475
Shale	37	1,509	Shale	29	504
Sand and sandy, shale, rock and shale layers	91	1,600	Sand, gravel	70	574
Shale, blue and sand streaks	57	1,657	Shale	14	588
Sand, hard and shale	42	1,699	Sand and shale breaks	20	608
Shale, sandy	11	1,710	Shale	10	618
Sand	39	1,749	Sand and sandy shale	31	649
Sand (broken)	15	1,764	Rock and hard shale	5	654
Shale	10	1,774	Sand and sandy shale	15	669
			Shale	13	682
			Sand and shale breaks	56	738
			Shale, sandy and sand	16	754
			Shale	16	770
			Sand and shale streaks	27	797
			Shale and sandy shale	18	815
			Sand	37	852

Table 6.--Drillers' Logs of Wells in Fort Bend County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well JY-65-20-708--Continued			Well JY-65-20-709--Continued		
Sand and shale streaks	46	898	Sand	23	823
Sand	53	951	Shale	17	840
Shale	7	958	Shale, lime and sand streaks	78	918
Sand and gravel	120	1,078	Sand, few shale and lime streaks	90	1,008
Sand and gravel and shale	46	1,124	Shale and lime streaks	102	1,110
Shale, sandy and sand	18	1,142	Well JY-65-20-710		
Shale	104	1,246	Owner: The Baylor Company		
Shale, sandy and sand streaks	33	1,279	Driller: Ellis Water Well Drilling Co.		
Shale	78	1,357	Soil, black	50	50
Sand, shale and sand streaks	33	1,390	Sand and gravel	20	70
Sand (broken)	16	1,406	Clay, red	5	75
Shale, sandy and sand	18	1,424	Rock	1	76
Sand and sandy shale	21	1,445	Clay, red	28	104
Shale	25	1,470	Sand, fine	15	119
Sand and shale streaks	32	1,502	Clay, red	128	247
Shale	22	1,524	Gravel and sand	20	267
Sand	99	1,623	Clay, red and red shale	34	301
Shale	4	1,627	Sand, fine	7	308
Sand	31	1,658	Clay, red and red shale	105	413
Shale and sand streaks	24	1,682	Gravel and sand	39	452
Shale	18	1,700	Well JY-65-20-804		
Well JY-65-20-709			Owner: Weatherford Farm & Greenhouse, Inc.		
Owner: The Meadows Municipal Utility District			Driller: Bryan Drilling Co.		
Well 2			Surface	4	4
Driller: Layne-Texas Co.			Clay and sand	75	79
Topsoil	5	5	Sand	21	100
Clay	20	25	Shale	105	205
Sand	125	150	Sand	4	209
Shale and few sand streaks	95	245	Clay	20	229
Sand and shale streaks	184	429	Sand	-	-
Shale	21	450	Clay	-	280
Sand and shale streaks	80	530	Sand	24	304
Sand and fine gravel	103	633	Clay	42	346
Shale and sand streaks	47	680	Sand	31	377
Sand and few shale streaks	100	780			
Shale	20	800			

Table 6.--Drillers' Logs of Wells in Fort Bend County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well JY-65-20-805			Well JY-65-20-805--Continued		
Owner: Texas Instruments, Inc.					
Driller: Layne-Texas Co.					
Soil, top and clay	15	15	Sand (broken)	21	911
Sand, fine, red	15	30	Shale	17	928
Clay, red	55	85	Sand and shale breaks	21	949
Sand and sandy clay	15	100	Shale	2	951
Sand and hard streaks	10	110	Shale and sand breaks	29	980
Clay, sandy and sand	28	138	Sand	24	1,004
Clay, sticky, red	27	165	Shale	16	1,020
Clay, sandy	29	194	Well JY-65-20-806		
Clay, sandy and sand	10	204	Owner: The Meadows Municipal Utility District		
Clay, sandy and clay	21	225	Well 1		
Sand and clay streaks	68	293	Driller: Layne-Texas Co.		
Streaks of sand and shale	36	329	Topsoil	4	4
Sand	50	379	Clay and sand streaks	114	118
Streaks of sand and shale	43	422	Sand	4	122
Sand (fine gravel)	28	450	Shale	39	161
Shale	29	479	Sand	126	287
Sand, fine	18	497	Shale	21	308
Shale	15	512	Sand	38	346
Sand, coarse and gravel	88	600	Shale and sand streaks	40	386
Shale and sand streaks	25	625	Sand and shale	40	426
Shale, sandy	19	644	Sand	22	448
Sand	24	668	Sand and sandy shale	21	469
Sand and streaks, shale	21	689	Shale	31	500
Shale and layers, sand	11	700	Sand	12	512
Sand-broken	35	735	Shale, sandy	10	522
Shale and sandy shale	14	749	Sand and shale streaks	34	556
Sand and streaks, shale	15	764	Shale	7	563
Sand and shale, sandy	16	780	Sand and shale streaks	24	587
Sand-broken	13	793	Sand and gravel	55	642
Shale and shale, sandy	41	834	Shale, hard and sandy	41	683
Sand and shale, sandy	19	853	Sand and shale, sandy	18	701
Shale	15	868	Shale	33	734
Sand and shale, sandy	14	882	Shale, sandy and sand	18	752
Shale	8	890	Sand and shale streaks	20	772
			Shale	37	809
			Sand	27	836

Table 6.--Drillers' Logs of Wells in Fort Bend County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well JY-65-20-806--Continued			Well JY-65-25-505--Continued		
Shale	7	843	Sand rock	24	678
Sand	7	850	Clay	11	689
Sand	100	950	Sand rock	49	738
Shale	16	966	Clay	27	765
Sand	58	1,024	Sand	28	793
Shale	48	1,072	Clay	24	817
Sand	15	1,087	Sand	13	830
Shale	13	1,100	Clay	5	835
Well JY-65-25-505 Owner: Greenwald and Banfield Driller: Katy Drilling, Inc.			Sand	5	840
Surface clay	27	27	Clay	52	892
Sand	29	56	Sand	11	903
Clay	7	63	Well JY-65-25-506 Owner: John Moore Driller: Katy Drilling, Inc.		
Sand	22	85	Surface clay	8	8
Clay	11	96	Sand and clay breaks	31	39
Sand, gravel	19	115	Gravel and sand	42	81
Clay	9	124	Clay	27	108
Sand, gravel	92	216	Sand and gravel	53	161
Clay	7	223	Clay	17	178
Sand, gravel	65	288	Sand and gravel	86	264
Clay	7	295	Clay	27	291
Gravel	5	300	Sand and rock	13	304
Clay	26	326	Clay	39	343
Sand	15	341	Sand and rock	63	406
Clay	3	344	Clay	5	411
Sand	30	374	Sand and rock	27	438
Clay	9	383	Clay	8	446
Sand rock	59	442	Sand and rock	26	472
Clay	22	464	Clay	5	477
Sand rock	22	486	Sand and rock	36	513
Clay	82	568	Clay	85	598
Sand rock	12	580	Sand and rock	15	613
Clay	11	591	Shale	51	664
Sand rock	55	646	Sand and rock	27	691
Clay	8	654	Clay	5	696

Table 6.--Drillers' Logs of Wells in Fort Bend County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well JY-65-25-506--Continued			Well JY-65-27-212--Continued		
Sand and rock	12	708	Sand, fine to coarse	15	120
Clay	12	720	Clay, red and sand streaks	50	170
Sand	46	766	Sand, coarse to gravel	20	190
Clay	30	796	Clay, red, with sand layers	23	213
Sand	20	816	Sand, coarse, and gravel	20	233
Clay	9	825	Clay, red	7	240
Sand	35	860	Sand, coarse and gravel	10	250
Clay	27	887	Clay, red, sticky to gray	52	302
Sand	14	901	Sand, coarse and gravel	27	329
Sand	5	906			
Well JY-65-25-909 Owner: Wilford Hopmann Driller: Katy Drilling, Inc.			Well JY-65-27-319 Owner: Venetian Estates Driller: Layne-Texas Co.		
Surface	30	30	Clay	30	30
Sand, fine quick	24	54	Sand	13	43
Sand	16	70	Sand and gravel	12	55
Sand and gravel	83	153	Clay, sandy	12	67
Clay	12	165	Sand, fine, clay and gravel	17	84
Sand and gravel	18	183	Clay	18	102
Clay	12	195	Clay, sandy	10	112
Sand	34	229	Sand	34	146
Clay	16	245	Clay	2	148
Sand	114	359	Sand (good)	19	167
Clay	6	365	Sand and gravel	8	175
Sand and limerock	108	473	Sand	3	178
Clay	6	479	Clay	26	204
Sand and limerock with small clay strips	24	503			
Well JY-65-27-212 Owner: Robert Schumann Driller: Ellis Water Well Drilling			Well JY-65-27-320 Owner: Signal Oil Company Driller: Lowry Water Wells		
Topsoil, black	3	3	Surface and brown clay	40	40
Soil, red, to gray clay	6	9	Gravel	17	57
Sand, brown bank	24	33	Clay, brown sandy	111	168
Clay, red	3	36	Clay, brown	31	199
Sand, coarse to gravel	41	77	Sand	20	219
Sand, streaks, and red clay	28	105			



Table 6.--Drillers' Logs of Wells in Fort Bend County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well JY-65-27-321 Owner: Brazos River Authority Driller: Layne-Western Company, Inc.			Well JY-65-28-102--Continued		
			Shale and sand streaks	33	193
Topsoil and clay	33	33	Sand	58	251
Sand	35	68	Sand and shale streaks	30	281
Clay	42	110	Sand, hard and clay	30	311
Sand, silty	10	120	Shale	11	322
Clay	31	151	Sand and shale streaks	20	342
Sand	40	191	Sand	12	354
Clay	13	204	Shale and sand streaks	48	402
Sand with hard streaks	19	223	Sand and shale streaks	50	452
Clay	16	239	Shale	20	472
Sand	44	283	Sand	23	495
Clay	8	291	Sand, coarse	81	576
Sand	31	322	Shale	10	586
Clay	7	329	Shale and sand	31	617
Sand	14	343	Sand, coarse	32	649
Clay	17	360	Shale, hard, coarse sand	31	680
Topsoil, broken	20	380	Sand, hard, coarse	10	690
Clay	14	394	Shale	26	716
Sand, hard	21	415	Sand	44	760
Well JY-65-27-405 Owner: J. C. Wessendorff Driller: Hardin Water Well			Shale	16	776
			Shale, sandy	26	802
Surface sand	3	3	Sand and shale streaks	52	854
Clay, red	32	35	Shale	10	864
Sand and gravel	25	60	Shale, sandy	30	894
Clay, red and white	5	65	Sand	52	946
Sand and gravel	20	85	Sand and shale streaks	27	973
Well JY-65-28-102 Owner: City of Cities Municipal Utility District Sugar Creek Well 1 Driller: Layne-Texas Co.			Shale	12	985
			Shale, sandy	61	1,046
			Shale	20	1,066
Topsoil	2	2			
Sand	18	20			
Clay, streaks of sand	69	89			
Sand	35	124			
Shale	23	147			
Sand	13	160			

Table 6.--Drillers' Logs of Wells in Fort Bend County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well JY-65-28-309			Well JY-65-28-309--Continued		
Owner: Blue Ridge Municipal Utility District			Sand and shale breaks	85	1,215
Chasewood, Well 1			Shale and sand breaks	35	1,250
Driller: Layne-Texas Co.			Well JY-65-28-310		
Topsoil	3	3	Owner: Willow Wisp Country Club		
Clay and sand	43	46	Driller: T. C. Bussell and Son		
Sand and clay streaks	84	130	Topsoil	2	2
Clay and sand streaks	117	247	Unconsolidated	318	320
Sand and clay breaks	37	284	Sand	12	332
Clay, sandy and sand streaks	16	300	Shale	18	350
Sand	20	320	Sand	15	365
Clay, sandy and clay	34	354	Shale	21	386
Sand and sandy clay	58	412	Sand	12	398
Shale	19	431	Shale	16	414
Sand	6	437	Sand	10	424
Shale and sandy shale	15	452	Shale	59	483
Shale, sandy and sand streaks	36	488	Sand	21	504
Sand and shale streaks	22	510	Well JY-65-28-504		
Shale	38	548	Owner: R. T. Herrin		
Sand and shale streaks	23	571	Driller: American Drilling Co.		
Shale, sandy	9	580	Surface	15	15
Sand and hard layers	56	636	Sand, red	6	21
Shale	34	670	Clay, red	59	80
Sand	14	684	Sand, coarse	30	110
Shale	17	701	Well JY-65-28-505		
Sand	39	740	Owner: Thunderbird Municipal Utility District		
Shale	7	747	Quail Valley		
Sand, coarse and gravel, fine	51	798	Driller: Texas Water Wells, Inc.		
Shale	16	814	Clay and sand	120	120
Sand	29	843	Sand, fine grain	50	170
Shale	6	849	Shale, sandy	70	240
Shale and sand breaks	38	887	Shale	40	280
Sand and sandy shale and shale breaks	43	930	Shale and sand	40	320
Sand and shale breaks, few	72	1,002	Shale, sandy	50	370
Sand and lime layers, hard	18	1,020	Sand, with shale streaks	325	695
Shale	22	1,042	Lime streaks	35	730
Shale, sandy and sand	88	1,130	Sand, with streaks of fine gravel or coarse sand	410	1,140
			Shale, sticky	60	1,200

Table 6.--Drillers' Logs of Wells in Fort Bend County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well JY-65-28-506			Well JY-65-28-506--Continued		
Owner: Quail Valley Municipal Utility District			Shale and sand streaks		
Well 1			11 1,114		
Driller: Layne-Texas Co.			Sand and sandy shale		
Topsoil			21 1,135		
Shale, brown			Shale and sand streaks		
4 4			17 1,152		
Shale, coarse			Shale, sticky		
56 60			11 1,163		
Sand, coarse			Sand (broken)		
70 130			27 1,190		
Shale, brown, hard sticky			Shale		
53 183			10 1,200		
Sand and gravel					
65 248					
Shale, hard			Well JY-65-28-603		
114 362			Owner: Quail Valley Municipal Utility District		
Sand			Well 2		
15 377			Driller: Texas Water Wells, Inc.		
Shale			Surface		
35 412			4 4		
Shale, sandy and sand			Clay		
32 444			11 15		
Shale			Sand		
43 487			48 63		
Sand and shale breaks			Clay		
32 519			24 87		
Shale and sandy shale			Sand		
13 532			12 99		
Sand and sandy shale			Clay		
17 549			6 105		
Shale			Clay, sandy		
41 590			16 121		
Sand (broken)			Sand and gravel		
27 617			31 152		
Shale			Clay		
12 629			14 166		
Sand and shale breaks			Sand		
31 660			25 191		
Shale, hard			Clay		
30 690			29 220		
Sand			Sand		
6 696			4 224		
Sand, coarse			Clay and sand streaks		
25 721			9 233		
Shale, blue			Clay		
26 747			30 263		
Sand, coarse			Sand		
82 829			15 278		
Shale, blue			Clay		
25 854			42 320		
Sand, coarse and gravel			Sand		
44 898			11 331		
Shale			Clay and sandy streaks		
24 922			60 391		
Sand			Clay		
13 935			12 403		
Shale			Shale		
8 943			53 456		
Sand and shale streaks			Sand		
10 953			19 475		
Sand			Shale		
39 992			66 541		
Shale			Sand		
20 1,012			17 558		
Sand (broken)			Shale		
64 1,076			76 634		
Shale			Sand		
6 1,082			7 641		
Sand and hard streaks			Shale, sandy		
21 1,103			12 653		

Table 6.--Drillers' Logs of Wells in Fort Bend County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well JY-65-28-603--Continued			Well JY-65-28-808--Continued		
Sand	39	692	Rock and clay	20	320
Shale	13	705	Sand, coarse	20	340
Sand	38	743	Sand, fine	20	360
Shale, sandy	48	791	Clay	20	380
Sand	62	853	Rock and clay	20	400
Shale	6	859	Clay	20	420
Sand	28	887	Sand, fine	20	440
Shale	10	897	Clay, sand and shale	20	460
Sand	53	950	Shale, blue	20	480
Shale, sandy	20	970	Clay	20	500
Sand	38	1,008	Rock and clay	20	520
Shale	26	1,034	Sand, coarse	40	560
Sand	26	1,060			
Shale	2	1,062	Well JY-65-29-209 Owner: Ridgemont Municipal Utility District Mayfair Park, Well 1 Driller: Layne-Texas Co.		
Sand	56	1,118	Clay	27	27
Shale	1	1,119	Clay, sandy	26	53
Sand	6	1,125	Sand	20	73
Shale, sandy	11	1,136	Sand and gravel	98	171
Well JY-65-28-808 Owner: Hurricane Steel Industries Driller: Wellco Water Well Drilling Co.			Clay and sand	23	194
Soil and clay	22	23	Sand and clay, sandy	22	216
Sand	17	40	Sand	16	232
Sand and gravel	20	60	Clay	53	285
Gravel	20	80	Sand	25	310
Gravel	20	100	Shale, sandy	16	326
Clay	20	120	Sand, broken	33	359
Sand, strips and clay	20	140	Shale	17	376
Clay	20	160	Sand and lime streaks	22	398
Sand	20	180	Shale	29	427
Clay and fine sand	20	200	Sand and lime streaks	56	483
Rock and clay	20	220	Shale and sand streaks	63	546
Clay	20	240	Sand and gravel	19	565
Sand and clay	20	260	Shale and sand streaks	75	640
Clay and rock	20	280	Sand and shale, sandy	38	678
Clay	20	300	Shale and sand streaks	67	745

Table 6.--Drillers' Logs of Wells in Fort Bend County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well JY-65-29-209--Continued					
Shale	8	753			
Sand, broken	118	871			
Shale	7	878			
Sand and shale	20	898			
Shale and sandy streaks	50	948			
Sand	9	957			
Shale and lime streaks	59	1,016			
Rock	3	1,019			
Shale	31	1,050			
Shale with streaks of sand and lime	27	1,077			
Sand (broken)	31	1,108			
Shale	5	1,113			
Sand (broken)	33	1,146			
Shale	19	1,165			
Sand	13	1,178			
Shale	13	1,191			
Shale, sandy and sand streaks	59	1,250			
Well JY-65-29-515 Owner: WITCO Chemical Corporation Driller: B. J. Swinehart Co.					
Open hole	417	417			
Clay	23	440			
Sand, fine	22	462			
Clay	23	485			
Sand, broken	10	495			
Clay	29	524			
Sand	3	527			
Clay	52	579			
Sand, good	16	595			
Clay	23	618			
Well JY-65-29-516 Owner: Heat Exchangers, Inc. Driller: Almeda Water Well Service					
Soil	2	2			
Clay, white and blue	34	36			
Well JY-65-29-516--Continued					
			Sand and gravel	76	112
			Clay, red	8	120
			Sand, red and fine	5	125
			Clay, red	13	138
			Sand, brown	27	165
			Clay, red	23	188
			Sand, brown	20	208
			Clay, blue	6	214
			Sand, white	34	248
			Clay, red, blue	92	340
			Sand, white	25	365
Well JY-65-29-517 Owner: WITCO Chemical Corporation Driller: H&H Water Well Drilling					
			Clay	-	-
			Sand	-	-
			Clay	-	-
			Sand	-	-
			Clay	-	245
			Sand	10	255
			Clay	65	320
			Sand	32	352
			Clay	17	369
			Sand	15	384
			Clay	32	416
			Sand	12	428
			Clay	62	490
			Sand	20	510
			Clay	12	522
			Sand	22	544
			Clay	11	555
			Sand	7	562
			Clay	19	581
			Sand	15	596

Table 6.--Drillers' Logs of Wells in Fort Bend County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well JY-65-29-704 Owner: Gantinbien Driller: Almeda Water Well Service			Well JY-65-33-304 Owner: City of Beasley Driller: Texas Water Wells, Inc.		
Soil	3	3	Shale	12	12
Clay, red and gray	19	22	Sand	18	30
Sand, brown and white	52	74	Shale, red bed	31	61
Clay, blue	1	75	Sand	32	93
Sand, white	13	88	Shale and sand streaks	9	102
Clay, red and blue	45	133	Sand	68	170
Sand, white	27	160	Shale	50	220
Clay, red	20	180	Sand	30	250
Sand	2	182	Shale and sand streaks	20	270
Clay, red	260	442	Sand	32	302
Sand, white	8	450	Shale and sand	56	358
Clay, blue	8	458	Sand	32	390
Sand, white	10	468	Lime	108	498
Clay, red	120	588	Sand	56	554
Well JY-65-33-209 Owner: Hudson Products Co. Driller: Layne, Texas Co.			Shale	15	569
			Sand	15	584
Topsoil	10	10	Shale	20	604
Sand	160	170	Sand and shale streaks	130	734
Sand, fine gravel and logs	109	279	Shale, sandy	50	784
Gravel and sand	201	480	Sand	50	834
Gravel, sand and clay streaks	273	753	Shale	20	854
Clay	12	765	Sand	40	894
Sand	20	785	Shale	20	914
Clay and sand streaks	105	890	Sand	35	949
Sand and fine gravel	38	928	Shale	145	1,094
Clay	6	934	Shale, sandy	50	1,144
Sand	10	944	Well JY-65-33-405 Owner: Kindleton-Prude Water Supply Driller: Katy Drilling, Inc.		
Clay and sand streaks	20	964	Clay	40	40
Shale	93	1,057	Sand and gravel	50	90
Shale and sand streaks	43	1,100	Clay	50	140
Shale	30	1,130	Sand and gravel	45	185
Shale and sand streaks	84	1,214	Clay	5	190
			Sand and gravel	48	238

Table 6.--Drillers' Logs of Wells in Fort Bend County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well JY-65-33-405--Continued			Well JY-65-33-510 Owner: Jack Wendt Driller: Katy Drilling, Inc.		
Clay	18	256			
Sand and gravel	34	290	Surface clay	14	14
Clay	10	300	Sand	90	104
Sand and gravel	30	330	Clay	66	170
Clay	10	340	Sand and gravel	33	203
Sand, streaks and clay	30	370	Clay	9	212
Sand streaks, clay	45	415	Sand and gravel	44	256
Shale, sandy	35	450	Clay	9	265
Sand, clay streaks	40	490	Sand and gravel	42	307
Shale	25	515	Clay	18	325
Sand	50	565	Sand	27	352
Well JY-65-33-509 Owner: Jack Wendt Driller: Katy Drilling, Inc.			Clay	18	370
			Sand	16	386
Surface clay	20	20	Clay	7	393
Sand	28	48	Sand	19	412
Clay	18	66	Clay	6	418
Sand and gravel	85	151	Sand	33	451
Gravel	50	201	Clay	20	471
Clay	13	214	Sand	24	495
Sand	31	245	Clay	13	508
Clay	27	272	Sand and rock	24	532
Sand and rock	36	308	Clay	7	539
Clay	22	330	Sand	6	545
Sand	40	370	Clay	5	550
Clay	25	395	Sand and rock	41	591
Sand and rock	75	470	Clay	9	600
Clay	8	478	Well JY-65-33-609 Owner: Clarence Danklefs Driller: Katy Drilling, Inc.		
Sand	29	507	Topsoil and clay	10	10
Clay	10	517	Sand	30	40
Sand and rock	33	550	Sand and clay breaks	72	112
Clay	14	564	Clay	22	134
Sand and rock	59	623	Sand	18	152
			Clay	8	160
			Sand	17	177

Table 6.--Drillers' Logs of Wells in Fort Bend County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well JY-65-33-609--Continued			Well JY-65-33-906--Continued		
Clay	8	185	Clay	20	230
Sand and small clay breaks	71	256	Gravel	25	255
Clay	5	261	Clay	5	260
Sand	30	291	Sand and gravel	25	285
Clay	30	321	Well JY-65-35-716 Owner: R. B. Hobbs Driller: Katy Drilling, Inc.		
Sand	42	363	Surface and clay	35	35
Clay	24	387	Sand	62	97
Sand	63	450	Clay	13	110
Clay	12	462	Sand	21	131
Sand and rock	132	594	Clay	33	164
Clay	25	619	Sand	20	184
Well JY-65-33-610 Owner: Alboa Grass Farm Driller: O. T. Davis and Sons			Clay	17	201
Clay, red	4	4	Sand	50	251
Sand, fine	30	34	Clay	112	363
Clay	31	65	Sand and rock	118	481
Clay	19	84	Clay and sand breaks	33	514
Sand and gravel	36	120	Sand and rock	21	535
Clay and shale	38	158	Clay and sand breaks	10	545
Gravel	22	180	Sand and rock	85	630
Sand, hard broken	3	183	Clay	19	649
Sand and gravel	38	221	Sand and rock	41	690
Shale	8	229	Clay	6	696
Sand and gravel	18	247	Well JY-65-35-801 Owner: Jefferson Lake Sulfur Co. Well 11 Driller: Katy Drilling, Inc.		
Well JY-65-33-906 Owner: Alboa Grass Farm Driller: O. T. Davis and Sons			Surface clay	31	31
Clay	40	40	Sand, shale breaks	71	102
Sand	20	60	Sand and shale breaks	13	115
Clay	20	80	Clay	35	150
Sand and shale, broken	15	95	Sand	67	217
Sand	5	100	Clay	34	251
Clay	20	120	Sand	4	255
Gravel	60	180	Clay	63	318
Clay	5	185	Sand	10	328
Gravel	25	210			



Table 6.--Drillers' Logs of Wells in Fort Bend County--Continued

	THICKNESS (FEET)	DEPTH (FEET)	THICKNESS (FEET)	DEPTH (FEET)
Well JY-65-35-801--Continued				
Clay	37	365		
Sand	33	398		
Clay	23	421		
Sand	27	448		
Clay	63	511		
---	5	516		
Well JY-65-41-305				
Owner: Anton Rychlik				
Driller: Crowell Drilling Co.				
Clay	7	7		
Sand	23	30		
Clay	10	40		
Sand	80	120		
Shale, red sandy	40	160		
Shale	20	180		
Sand	10	190		
Shale	3	193		
Sand	52	245		
Shell	27	272		
Sand	67	339		
Shale	13	352		
Sand	10	362		
Shale	5	367		
Sand	88	455		

Table 7.--Water Levels in Wells in Fort Bend County  
(feet below land surface)

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well JY-65-09-906		Well JY-65-17-404		Well JY-65-19-704	
Owner: Don McMillian Elevation: 149		Owner: Southern Pacific Railroad Co. Elevation: 114		Owner: Cinco Ranch Elevation: 101	
Mar. 6, 1970	99.70	Jan. 29, 1970	60.32	Mar. 2, 1970	82.23
Mar. 11, 1971	99.34	Aug. 13	74.5	Mar. 11, 1971	83.64
Mar. 5, 1973	105.20	Jan. 18, 1972	61.68	Feb. 23, 1972	86.44
Mar. 5, 1974	105.12	Aug. 8	69.15	Mar. 8, 1973	85.41
Well JY-65-10-702		Well JY-65-25-203		Well JY-65-25-203	
Owner: Don McMillian Elevation: 144		Owner: Duval Sulphur Company Elevation: 115		Owner: Duval Sulphur Company Elevation: 115	
Mar. 6, 1970	107.09	Jan. 16, 1974	62.6	Mar. -, 1960	55
Mar. 11, 1971	102.71	Aug. 19	75.81	Jan. 18, 1972	45.07
Feb. 28, 1972	109.72	Well JY-65-18-101		Aug. 8	47.37
Mar. 5, 1973	109.88	Owner: C. C. Cardiff Elevation: 142		Jan. 23, 1973	47.80
Mar. 5, 1974	111.49	Mar. 2, 1970	100.89	Well JY-65-25-301	
Well JY-65-10-703		Mar. 11, 1971	101.08	Owner: R. E. Smith Averill Ranch, Well 1 Elevation: 111	
Owner: P. V. Cook Elevation: 140		Feb. 23, 1972	105.92	Jan. 30, 1970	50.97
Mar. 2, 1970	99.33	Mar. 5, 1973	104.30	Jan. 11, 1971	51.47
Mar. 11, 1971	100.68	Mar. 5, 1974	104.78	Jan. 17, 1972	49.66
Feb. 23, 1972	102.40	Well JY-65-18-103		Aug. 8	51.55
Mar. 5, 1973	103.60	Owner: C. C. Cardiff, Well 2 Elevation: 139		Jan. 17, 1973	50.39
Mar. 5, 1974	104.48	Mar. 2, 1970	99.52	Well JY-65-25-302	
Well JY-65-17-201		Mar. 11, 1971	101.13	Owner: R. E. Smith Averill Ranch, Well 1 Elevation: 113	
Owner: Richard Woods, Well 3 Elevation: 157		Feb. 23, 1972	102.72	Jan. 30, 1970	52.58
Mar. 5, 1970	95.08	Mar. 5, 1973	101.08	Aug. 13	52.05
Mar. 10, 1971	96.83	Mar. 5, 1974	102.12	Jan. 11, 1971	50.54
Feb. 23, 1972	98.08	Well JY-65-18-202		Jan. 17, 1972	50.29
Mar. 5, 1973	99.92	Owner: Cinco Ranch Elevation: 127		Jan. 17, 1973	50.87
Mar. 5, 1974	99.10	Mar. 2, 1970	95.40	Well JY-65-27-302	
Well JY-65-17-204		Mar. 11, 1971	96.06	Owner: Fort Bend Utilities Well 8 Elevation: 80	
Owner: Richard Woods, Well 2 Elevation: 157		Feb. 23, 1972	98.06	Jan. 30, 1971	188
Mar. 5, 1970	97.93	Mar. 7, 1973	100.24	Jan. 30, 1972	212
Mar. 10, 1971	99.58	Mar. 5, 1974	100.66	Oct. 21	217
Feb. 23, 1972	101.04	Well JY-65-18-602		Jan. 13, 1973	221
Mar. 5, 1973	101.52	Owner: E. W. Gless Elevation: 103		July 21	222
Mar. 5, 1974	101.59	Mar. 2, 1970	82.18	Apr. 9, 1974	209
		Mar. 11, 1971	81.72	May 19	226
		Feb. 23, 1972	86.48		
		Mar. 7, 1973	86.06		
		Mar. 5, 1974	87.07		

Table 7.--Water Levels in Wells in Fort Bend County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	
Well JY-65-27-303		Well JY-65-28-404--Continued		Well JY-65-29-701		
Owner: Fort Bend Utilities Well 9 Elevation: 80		Jan. 16, 1973	135.07	Owner: Julia Tague Elevation: 65		
Jan. 30, 1971	126	Aug. 13	136.22	Jan. 21, 1970	81.61	
Jan. 30, 1972	145	Jan. 16, 1974	135.64	Jan. 14, 1971	83.31	
Oct. 21	150	Aug. 7	141.67	Aug. 12	84.23	
Jan. 13, 1973	146	Well JY-65-28-501		Jan. 26, 1972	84.96	
July 21	146	Owner: Exxon Company Elevation: 67		Aug. 11	86.42	
Jan. 4, 1974	148	Jan. 30, 1970	124.7	Jan. 16, 1973	86.50	
May 19	147	Aug. 13	126.8	Aug. 10	87.02	
Well JY-65-27-313		Jan. 11, 1971	128	Jan. 16, 1974	86.69	
Owner: Fort Bend Utilities Well 7 Elevation: 77		Aug. 2	133.4	Aug. 9	87.23	
Jan. 30, 1972	153	Jan. 17, 1972	135	Well JY-65-33-501		
Oct. 21	152	Aug. 7	138.8	Owner: Jack Wendt, Well 4 Elevation: 97		
Jan. 13, 1973	148	Jan. 16, 1973	136.81	Jan. 29, 1968	42.17	
July 21	152	Aug. 13	137.5	Jan. 23, 1969	42.64	
Jan. 4, 1974	149	Aug. 7, 1974	143.5	Jan. 29, 1970	43.66	
May 19	151	Well JY-65-28-803		Jan. 12, 1971	43.83	
Well JY-65-27-901		Owner: Christianson & Mathews Elevation: 60		Jan. 17, 1972	44.74	
Owner: A. E. Myers Elevation: 70		Jan. 30, 1970	64.54	Jan. 17, 1973	44.98	
Jan. 30, 1970	102.95	Jan. 14, 1971	65.08	Jan. 17, 1974	44.83	
Aug. 14	105.37	Jan. 26, 1972	66.83	Well JY-65-33-502		
Jan. 11, 1971	104.66	Jan. 19, 1973	68.32	Owner: Jack Wendt Elevation: 95		
Aug. 13	111.48	Jan. 16, 1974	67.84	Jan. 17, 1973	40	
Jan. 18, 1972	107.95	Well JY-65-29-101		Jan. 17, 1974	39.48	
Aug. 7	113.39	Owner: D. W. Black Elevation: 70		Well JY-65-33-503		
Jan. 18, 1973	110.46	Feb. 9, 1970	126.75	Owner: Jack Wendt, Well 2 Elevation: 95		
Aug. 13	113.26	Feb. 9, 1971	129.42	Jan. 29, 1970	41.27	
Jan. 16, 1974	111.25	Feb. 1, 1972	134.27	Jan. 12, 1971	41.47	
Aug. 7	115.37	Jan. 17, 1973	135.27	Jan. 17, 1972	42.17	
Well JY-65-28-404		Jan. 17, 1974	130.34	Well JY-65-33-504		
Owner: Exxon Company Elevation: 69		Well JY-65-29-104		Owner: Jack Wendt, Well 1 Elevation: 95		
Jan. 30, 1970	123.38	Owner: City of Houston, Mayfair Park Elevation: 65	Oct. - 1960	152	Jan. 29, 1970	42.01
Aug. 13	125.90	Jan. 9, 1969	191.14	Jan. 12, 1971	42.13	
Jan. 11, 1971	125.99	Jan. 16, 1973	212.51	Jan. 17, 1972	43.11	
Aug. 2	132.09	Aug. 14	216.15	Jan. 17, 1973	43.04	
Jan. 17, 1972	131.26	Jan. 17, 1974	212.67	Jan. 17, 1974	43.74	
Aug. 7	136.55	Aug. 7	221.72			

Table 7.--Water Levels in Wells in Fort Bend County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well JY-65-33-509		Well JY-65-34-901		Well JY-65-35-303	
Owner: Jack Wendt Elevation: 96		Owner: Walter Gless Elevation: 73		Owner: Houston Light & Power Co. W. A. Parrish Plant, Well 2 Elevation: 72	
Jan. 17, 1973	45.23	Jan. 29, 1970	50.20	Apr. 16, 1956	63
Jan. 17, 1974	43.80	Jan. 11, 1971	49.21	Jan. 20, 1969	85.18
Well JY-65-33-510		Jan. 17, 1972	50.36	Aug. 4, 1972	100
Owner: Jack Wendt Elevation: 95		Jan. 18, 1973	50.18	Jan. 5, 1973	96
Jan. 17, 1973	41.59	Jan. 16, 1974	43.31	July 6	96
Jan. 17, 1974	41.13	Well JY-65-35-101		Jan. 4, 1974	96
Well JY-65-33-801		Owner: Gulf Oil Corp. Elevation: 81		June 14	95
Owner: Jack Wendt, Well 3 Elevation: 92		Jan. 29, 1970	27.85	Well JY-65-35-304	
Jan. 29, 1970	42.70	Aug. 13	24.86	Owner: Houston Light & Power Co. W. A. Parrish Plant, Well 3 Elevation: 70	
Jan. 12, 1971	42.74	Jan. 12, 1971	28.07	Feb. 8, 1967	100
Jan. 17, 1972	43.71	Aug. 13	23.13	Aug. 4, 1972	100
Jan. 17, 1973	43.98	Jan. 18, 1972	25.57	Jan. 5, 1973	96
Well JY-65-34-604		Aug. 7	29.14	July 6	97
Owner: Walter Gless Elevation: 74		Jan. 19, 1973	28.77	Jan. 4, 1974	102
Jan. 19, 1965	76.9	Aug. 13	25.47	June 14	101
Jan. 31, 1966	55.45	Jan. 17, 1974	28.83	Well JY-65-42-301	
Jan. 29, 1968	61.73	Aug. 7	29.64	Owner: C. A. Danklef's Elevation: 77	
Jan. 23, 1969	60.13	Well JY-65-35-102		Jan. 29, 1970	23.82
Jan. 29, 1970	62.32	Owner: Gulf Oil Corp. Elevation: 81		Jan. 12, 1971	24.87
Jan. 11, 1971	61.58	Jan. 29, 1970	26.74	Jan. 17, 1972	23.02
Jan. 17, 1972	62.49	Aug. 13	27.40	Jan. 18, 1973	21.39
Jan. 18, 1973	63.24	Jan. 12, 1971	26.97	Jan. 17, 1974	20.52
Jan. 16, 1974	65.44	Aug. 13	27.16	Well JY-65-43-101	
Well JY-65-34-701		Jan. 18, 1972	27.37	Owner: C. A. Danklef Elevation: 76	
Owner: City of Needville Well 1 Elevation: 93		Aug. 7	27.20	Jan. 22, 1963	43.06
Oct. 26, 1955	51.56	Jan. 19, 1973	27.97	Jan. 29, 1968	74.82
June 27, 1960	62	Aug. 13	27.28	Jan. 23, 1969	77.99
Oct. 2, 1968	70.72	Jan. 17, 1974	27.47	Jan. 29, 1970	73.64
Jan. 18, 1972	63.66	Aug. 7	26.49	Jan. 12, 1971	81.21
Jan. 19, 1973	65.82	Well JY-65-35-302		Jan. 17, 1972	77.74
Jan. 16, 1974	63.37	Owner: Houston Light & Power Co. W. A. Parrish Plant, Well 1 Elevation: 74		Jan. 23, 1973	73.64
		Apr. - 1956	54	Jan. 17, 1974	74.39
		Aug. 4, 1972	100		
		Jan. 5, 1973	96		
		July 6	93		
		Jan. 4, 1974	97		
		June 14	96		

Table 7.--Water Levels in Wells in Fort Bend County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well JY-65-43-602					
Owner: Unknown					
Elevation: 57					
Jan. 29, 1970	70.86				
Aug. 14	83.02				
Jan. 12, 1971	69.11				
Aug. 13	86.29				
Jan. 17, 1972	69.07				
Aug. 7	85.94				
Jan. 23, 1973	71.28				
Aug. 10	92.46				
Jan. 17, 1974	72.21				

Table 8.--Chemical Analyses of Water from Wells in Port Bend County  
 When no potassium (K) is reported, sodium and potassium are calculated and reported as sodium (Na)  
 Water-bearing units: C, Chicot aquifer; CL, lower unit of the Chicot aquifer; E, Evangeline aquifer

WELL	OWNER	DEPTH OF PRODUCTION INTERVAL (FT)	WATER BEARING UNIT	DATE	DIS-SOLVED SILICA (SiO <sub>2</sub> ) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO <sub>3</sub> ) (MG/L)	CARBONATE (CO <sub>3</sub> ) (MG/L)	DIS-SOLVED SULFATE (SO <sub>4</sub> ) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)	DIS-SOLVED NITRITE (N) (MG/L)	DIS-SOLVED PHOSPHORUS (P) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED CONSTITUENTS (MG/L)	HARDNESS (Ca, Mg) (MG/L)	PERCENT SODIUM	RESIDUAL SULFATE (RES) (MG/L)	SODIUM ADJUSTMENT RATIO (SAR)	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	TEMPERATURE (°C)
1/JY-85-19-6D1	John L. Dore Co.	462-542	C	5-20-68	21	3/ 80	--	77	7.0	35	--	253	0	8.0	37	--	--	--	--	--	329	220	26	0.00	1.0	563	7.4	--
2/ 904	Port Bend County WCAD No. 4	1,305-1,760	E	8-21-69	14	3/ 300	--	14	4.0	140	--	278	0	19	73	--	--	--	--	--	399	51	80	3.53	8.4	690	8.1	--
2/ 20-708	Port Bend County WCAD No. 2	920-1,610	E	3-24-70	22	3/ 120	--	48	8.0	46	--	237	0	13	34	--	--	--	--	--	285	150	40	.75	1.6	454	7.6	--
2/ 709	The Meadows Municipal Utility District Well 2	720-1,015	E	11-16-72	24	3/ 140	4/ 20	56	10	42	--	243	0	13	41	5/ 0.3	0.32	--	--	--	303	180	34	.37	1.4	500	7.5	--
2/ 806	The Meadows Municipal Utility District Well 1	750-1,028	E	6-2-70	22	3/ 50	--	51	10	43	--	238	0	14	37	--	--	--	--	--	294	170	36	.53	1.4	498	7.6	--
27-302	Port Bend Utilities	1,260-1,560	E	2-10-71	--	--	--	--	--	--	--	260	0	16	57	--	--	--	--	--	--	90	--	3.26	--	618	7.7	--
302	do	do	E	2-2-72	--	--	--	--	--	--	--	254	0	--	56	--	--	--	--	--	--	48	--	3.20	--	618	7.5	29.5
302	do	do	E	2-28-73	--	--	--	--	--	--	--	259	0	--	59	--	--	--	--	--	--	49	--	3.27	--	619	7.8	--
302	do	do	E	5-7-74	--	--	--	--	--	--	--	254	--	--	58	--	--	--	--	--	--	48	--	3.20	--	625	8.0	--
303	do	503-865	CL, E	2-2-72	--	--	--	--	--	--	--	232	0	--	58	--	--	--	--	--	--	210	--	.00	--	579	7.1	--
313	do	501-721	CL	2-10-71	--	--	--	--	--	--	--	220	0	10	67	--	--	--	--	--	--	200	--	.00	--	574	7.4	--
313	do	do	CL	2-28-73	--	--	--	--	--	--	--	222	0	--	72	--	--	--	--	--	--	220	--	.00	--	588	7.5	--
313	do	do	CL	5-7-74	--	--	--	--	--	--	--	240	0	--	74	--	--	--	--	--	--	250	--	.00	--	647	7.6	--
2/ 28-102	City of Cistee Municipal Utility District Sugar Creek Well 1	519-884	E	5-13-70	22	3/ 70	--	36	11	41	--	248	0	12	42	--	--	--	--	--	286	190	33	.37	1.3	509	7.4	--
2/ 309	Blue Ridge Municipal Utility District Observed Well 1	770-1,020	E	5-30-69	21	3/ 90	--	33	5.0	85	--	263	0	15	41	--	--	--	--	--	330	100	64	2.29	3.6	526	7.8	--
2/ 29-209	Stidgment Municipal Utility District Mayfair Park Well 1	766-1,035	E	9-11-69	18	3/ 80	--	32	5.0	92	--	265	0	13	50	--	--	--	--	--	340	100	67	2.34	4.0	573	7.7	--
2/ 33-209	Rudson Products Co.	900-1,045	E	8-27-70	16	3/ 120	--	27	6.0	70	--	232	0	14	28	--	--	--	--	--	275	92	62	1.96	3.2	475	8.0	--

1/ Analyzed by Microbiology Services Laboratories  
 2/ Analyzed by Edna Wood Laboratories  
 3/ Total iron (Fe)  
 4/ Total manganese (Mn)  
 5/ Total fluoride (F)

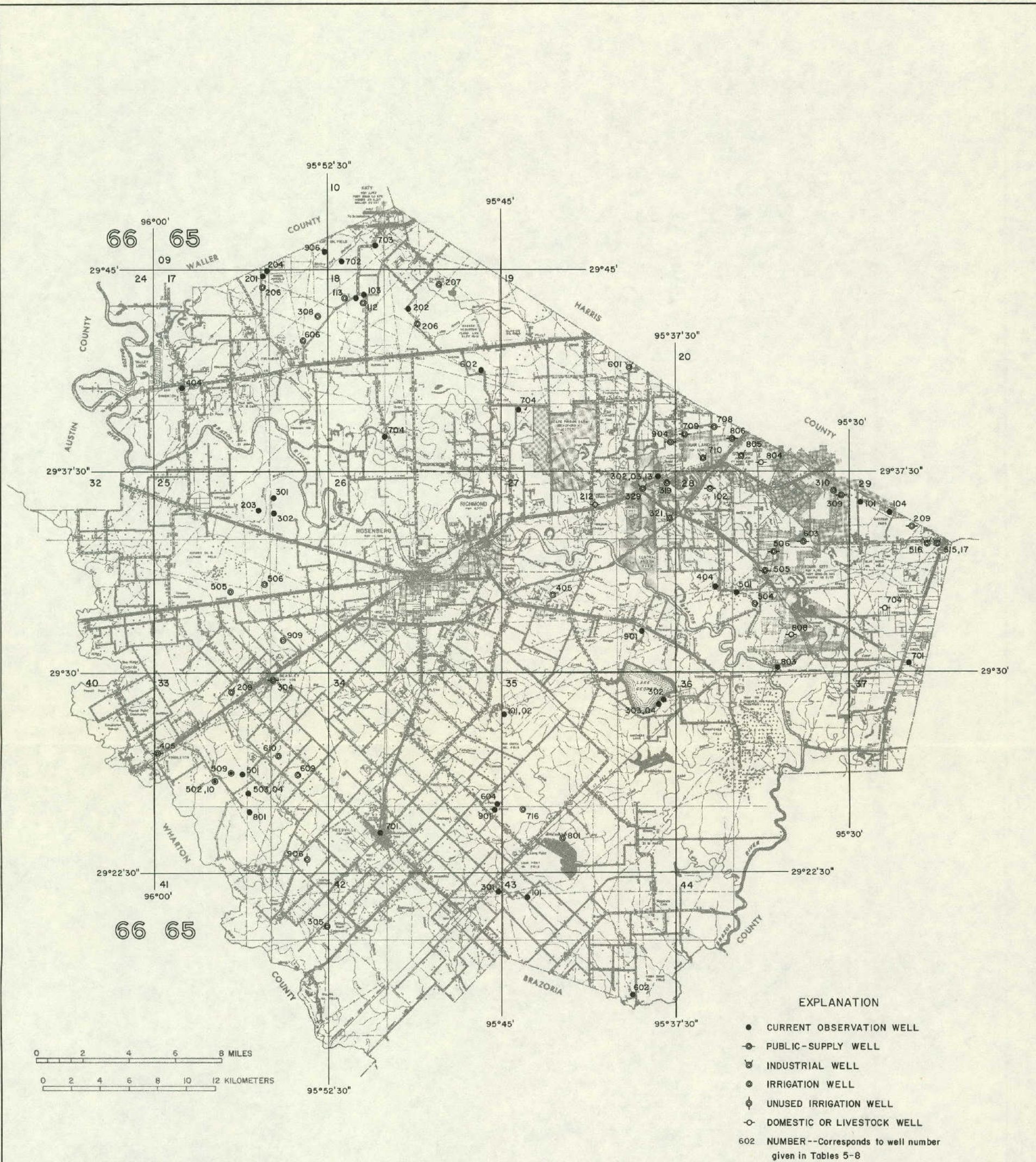


Figure 2  
Locations of Wells in Fort Bend County

Base from Texas Highway Department county highway map





Table 9.--Records of Wells in Waller County

Water levels : Reported water levels given in feet; measured water levels given in feet and tenths.  
 Method of lift and type of power: C, cylinder; E, electric; Na, natural gas; Sub, submersible; T, turbine; W, wind. Number indicates horsepower.  
 Use of water : D, domestic; Ind, industrial; Irr, irrigation; P, public supply; S, livestock.  
 Water-bearing unit : C, Chicot aquifer; E, Evangeline aquifer.

No.	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.)			Above (+) or below land surface datum (ft.)	Date of measurement			
YW-59-56-905	E. A. Kelly, Rolling Hills Colony Sub-division	Hildebrandt Service	1967	367	8 6	317 367	E	245	114	Aug. 30, 1967	Sub,E 15	P	Screen from 317 to 367 feet. <u>1</u> /
906	Bill Yoast	C. A. Petry Water Well Drilling & Service	1970	400	6 4	360 400	E	275	170	Oct. 4, 1970	Sub,E 7 1/2	D	Screen from 360 to 400 feet. <u>1</u> /
# 64-206	City of Hempstead, well 3	Layne-Texas Co.	1967	1,240	10 6	1,100 1,240	E	235	47	Nov. 9, 1967	T,E 25	P	101 feet of screen between 1,111 and 1,229 feet. Reported yield 406 gal/min with 20 feet drawdown when drilled. <u>1</u> /
# 207	City of Hempstead, well 4	do.	1970	732	10 6	490 732	E	235	115	Dec. 17, 1970	--	P	90 feet of screen between 490 and 720 feet. Reported yield 375 gal/min with 61 feet drawdown when drilled. <u>1</u> /
803	Lawrence Marshall	C. A. Petry Water Well Drilling & Service	1972	150	6	110	E	188	56	Apr. 3, 1972	Sub,E 7 1/2	Irr	Screen from 110 to 150 feet. <u>1</u> /
906	4-G Ranch	Katy Drilling, Inc.	1973	564	6 4	525 564	E	205	--	--	Sub,E 10	D	Screen from 525 to 563 feet. <u>1</u> /
60-49-503	J. C. Robinson, Robinwood Subdivision	B. J. Swinehart Co.	1972	468	4 2	354 468	E	300	107	Feb. 1972	Sub,E 5	D	26 feet of screen between 354 to 399 feet. <u>1</u> /
504	J. B. Lloyd	R&R Water Wells	1973	250	4	250	E	290	80	July 15, 1973	Sub,E	D	Screen from 240 to 250 feet. <u>1</u> /
602	Mr. Bankston	C. A. Petry Water Well Drilling & Service	1971	245	4	245	E	255	45	Feb. 1, 1971	Sub,E 1	D	Screen from 235 to 245 feet. <u>1</u> /
603	J. E. Ray	do.	1971	430	4	430	E	260	115	June 28, 1971	Sub,E 2	D	Screen from 420 to 430 feet. <u>1</u> /
604	do.	do.	1970	196	4	196	E	260	55	Aug. 6, 1970	Sub,E 1 1/2	D	Screen from 186 to 196 feet. <u>1</u> /
605	D. A. Stokes	do.	1973	227	4	227	E	255	33	July 2, 1973	Sub,E	D	Screen from 217 to 227 feet. <u>1</u> /
902	Star of Hope Mission	Lowry Water Wells	1970	605	4 2	571 605	E	240	137	Feb. 6, 1970	Sub,E 5	P	Screen from 575 to 605 feet. <u>1</u> /
903	Jimmy Warren	C. A. Petry Water Well Drilling & Service	1973	192	4	192	E	280	88	Jan. 23, 1973	Sub,E	D	Screen from 182 to 192 feet. <u>1</u> /
# 50-202	A. C. Rickett	R. L. Little	1966	236	4	236	E	283	47	Dec. 15, 1966	Sub,E 2	D	Screen from 230 to 236 feet.
203	do.	do.	1966	76	4	76	E	280	35	Dec. 15, 1966	C,W	D	Powered by windmill.
402	George H. Frazier	C. A. Petry Water Well Drilling & Service	1972	170	4	170	E	245	34	Aug. 4, 1972	Sub,E	D	Screen from 160 to 170 feet. <u>1</u> /
704	J. J. Eaves	R&R Water Wells	1973	113	4	113	E	260	35	May 19, 1973	Sub,E	D	Screen from 103 to 113 feet. <u>1</u> /

See footnotes at end of table.

Table 9.--Records of Wells in Waller County--Continued

No.	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.)			Above (+) or below land surface datum (ft.)	Date of measurement			
YW-60-50-803	C. R. Brown & R. B. Hyde, Jr.	Doyle's Water Well Service	1972	270	4	270	E	225	45	Apr. 27, 1972	Sub,E 1	D	Screen from 260 to 270 feet. <u>1/</u>
804	V. Clepper	C. A. Petry Water Well Drilling & Service	1971	177	4 6	167 177	E	240	55	Mar. 30, 1971	Sub,E 7 1/2	D	Screen from 137 to 177 feet. Reported yield 100 gal/min when drilled. <u>1/</u>
805	Pala-Dura Corp.	Hildebrandt Service	1971	126	6	126	--	228	50	May 18, 1971	Sub,E 5	Ind	Screen from 91 to 126 feet. <u>1/</u>
806	W. D. Davis	Almada Water Well Service	1973	257	6 4	234 257	E	220	48	Nov. 28, 1973	Sub,E	D	Screen from 234 to 254 feet. <u>1/</u>
# 57-107	Prairie View A&M College	Layne-Texas Co.	1971	587	14 8	430 587	E	280	190	Jan. 29, 1971	T,E	D,Ind	105 feet of screen between 440 and 575 feet. Reported yield 638 gal/min with 75 feet drawdown when drilled. <u>1/</u>
803	Floy Machis	C. A. Petry Water Well Drilling & Service	1968	256	4	256	C	250	89	May 28, 1968	--	D	Screen from 246 to 256 feet. <u>1/</u>
804	Layne Haley	do.	1970	258	4	258	C	257	132	Sept. 9, 1970	Sub,E 1 1/2	D	Screen from 248 to 258 feet. <u>1/</u>
65-01-407	Pfeffer & Son Farms	Katy Drilling, Inc.	1968	831	20 12	469 831	E	151	151	Feb. 19, 1968	T	Irr	473 feet of screen between 358 and 831 feet. Reported yield 3,702 gal/min with 149 feet drawdown when drilled. <u>1/</u>
814	G. P. Nelson	--	1966	1,000	20 --	-- 1,000	E	191	91.6 103.5	Mar. 7, 1967 Mar. 4, 1974	T,E 200	Irr	Measured yield 2,192 gal/min June 9, 1966. <u>2/</u>
815	A. Bollinger	Katy Drilling, Inc.	1971	827	20 12	441 827	E	196	193	Apr. 17, 1971	T,Ng	Irr	577 feet of screen between 250 and 827 feet. Reported yield 2,565 gal/min with 94 feet drawdown. Test hole drilled to 1,001 feet. <u>1/</u>
816	G. P. Nelson	do.	1970	898	20 12	460 989	E	190	200	June 1970	T,E 200	Irr	Casing slotted from 220 to 989 feet. Reported yield 2,964 gal/min with 102 feet drawdown when drilled. <u>1/</u>
817	do.	do.	1972	1,017	20 12	464 1,017	E	191	195	Apr. 22, 1972	T	Irr	646 feet of slotted pipe between 311 and 1,017 feet. Reported yield 3,004 with 111 feet drawdown when drilled. <u>1/</u>
910	Eba Hebert	Layne-Texas Co.	1967	1,160	20 12	410 1,160	E	185	--	--	--	Irr	531 feet of slotted pipe between 260 and 1,160 feet. Reported yield 2,360 gal/min with 90 feet drawdown when drilled. Test hole drilled to 1,357 feet. <u>1/</u>
02-710	J. H. Longenbaugh	Layne-Texas Co.	1967	1,010	20 12	351 1,010	E	178	202	May 26, 1967	T,Ng	Irr	459 feet of slotted pipe between 181 and 1,001 feet. Reported yield 2,000 gal/min with 56 feet drawdown when drilled. Test hole drilled to 1,152 feet. <u>1/</u>

See footnotes at end of table.

Table 9.--Records of Wells in Waller County--Continued

No.	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.)			Above (+) or below (-) land surface datum (ft.)	Date of measurement			
YW-65-09-103	G. E. Longenbaugh	Katy Drilling, Inc.	1966	941	20 12	400 941	E	186	115	Mar. 1966	T,Ng	Irr	Casing slotted from 290 to 941 feet. Reported yield 3,160 gal/min with 83 feet drawdown when drilled. <u>1/</u>
104	G. Longenbaugh	do.	1968	1,077	20 12	393 1,077	E	186	119	Mar. 4, 1968	T 138	Irr	Casing slotted from 271 to 1,077 feet. Reported yield 2,873 gal/min with 39 feet drawdown when drilled. <u>1/</u>
213	A. Robichaux	do.	1967	1,064	20 12	583 1,064	E	180	105.5 108.8	Mar. 10, 1970 Mar. 4, 1974	T,E 75	Irr	Casing slotted from 336 to 1,064 feet. Reported yield 3,298 gal/min with 104 feet drawdown when drilled. <u>1/2/</u>
314	John Bollinger	Leonard W. Mickelson	1970	909	16 12	405 909	E	182	--	--	T,Ng 250	Irr	422 feet of slotted pipe between 266 and 909 feet. <u>1/</u>
403	City of Pattison	Ponykal Drilling Co.	1971	558	7 4	395 558	E	170	140	July 29, 1971	--	P	Screen from 380 to 475 feet. Reported yield 284 gal/min with 79 feet drawdown when drilled. <u>1/</u>
511	John England	Katy Drilling, Inc.	1966	760	20 12	341 760	E	174	118	May 1966	T,Ng	Irr	Casing slotted from 191 to 760 feet. Reported yield 2,680 gal/min with 99 feet drawdown when drilled. Test hole drilled to 903 feet. <u>1/</u>
514	J. D. Woods	do.	1968	800	20 12	403 800	E	165	86	Feb. 6, 1968	T	Irr	Casing slotted from 280 to 800 feet. Reported yield 2,565 gal/min with 94 feet drawdown when drilled. <u>1/</u>
616	J. V. Cardiff & Sons, well 7	do.	1968	1,074	20 12	471 1,074	E	167	115.5 127.1	Mar. 19, 1969 Mar. 5, 1974	T,Ng	Irr	723 feet of slotted pipe. Reported yield 3,230 gal/min with 101 feet drawdown when drilled. <u>1/2/</u>
617	J. V. Cardiff & Sons	do.	1973	848	20 12	480 848	E	166	156	Apr. 12, 1973	T,Ng	Irr	Casing slotted from 373 to 848 feet. Reported yield 2,118 gal/min with 114 feet drawdown when drilled. Test hole drilled to 948 feet. <u>1/</u>
813	J. D. Wood	do.	1968	497	20 12	310 497	E	158	110	Jan. 2, 1968	T,Ng	Irr	336 feet of slotted casing. Reported yield 2,539 gal/min with 142 feet drawdown when drilled. <u>1/</u>
10-109	Gene Andrews	do.	1966	970	20 12	420 970	E	170	185	May 28, 1966	T,Ng	Irr	Casing slotted from 340 to 970 feet. Reported yield 2,713 gal/min with 183 feet drawdown when drilled. <u>1/</u>
111	B. F. Metzger	do.	1966	1,012	20 12	404 1,012	E	164	--	--	T,Ng 200	Irr	Casing slotted from 338 to 1,012 ft. Reported yield 3,602 gal/min when drilled. <u>1/</u>
112	do.	do.	1973	988	20 12	472 988	E	166	180	May 1973	T,Ng	Irr	Casing slotted from 304 to 988 feet. Reported yield 3,200 gal/min with 220 feet drawdown when drilled. <u>1/</u>

See footnotes at end of table.

Table 9.--Records of Wells in Waller County--Continued

No.	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.)			Above (+) or below land surface datum (ft.)	Date of measurement			
YW-65-10-409	Cecil Beckendorff	Katy Drilling, Inc.	1968	662	--	--	E	162	95	Mar. 26, 1968	T	Irr	Reported yield 2,000 gal/min with 76 feet drawdown when drilled. <sup>1/</sup>
66-08-405	Kay Wren	Rhemann Water Well Service	1971	124	6 4	106 124	E	130	28	Mar. 20, 1972	Sub,E	Irr	Screen from 104 to 124 feet. Reported yield 200 gal/min when drilled. Supplies small lake. <sup>1/</sup>
606	Charlie Morgan	do.	1971	320	4 2	310 320	E	194	184	July 20, 1971	--	D	Screen from 316 to 320 feet. Well used for trailer house. <sup>1/</sup>
16-304	Edward M. Hertman	Fate Water Well Service	1970	93	4	93	E	155	40	Nov. 6, 1970	Sub,E 1	D	Screen from 83 to 93 feet. <sup>1/</sup>
506	Will Thanheiser	Ginn Drilling Co.	1970	78	4	78	E	129	20	May 6, 1970	C,W	S	Screen from 68 to 78 feet. <sup>1/</sup>
507	Alfred Haak	do.	1971	210	4	210	E	144	49	Sept. 28, 1971	Sub,E 1/2	S	Screen from 200 to 210 feet. <sup>1/</sup>

# See table 12 for chemical analyses of water from wells.

<sup>1/</sup> See table 10 for drillers' logs of wells.

<sup>2/</sup> See table 11 for water levels in wells.

Table 10.--Drillers' Logs of Wells in Waller County

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well YW-59-56-905			Well YW-59-56-906--Continued		
Owner: E. A. Kelly, Rolling Hills Colony Subdivision			Rocks and gumbo		
Driller: Hildebrandt Service			20 310		
Clay	23	23	Rocks and sand	20	330
Sand	45	68	Sand and gravel	20	350
Clay	54	122	Sand and clay	20	370
Sand	18	140	Well YW-59-64-206		
Rock	1	141	Owner: City of Hempstead, Well 3		
Clay	14	155	Driller: Layne-Texas Co.		
Clay, sand, and rock	40	195	Surface soil	5	5
Sand	13	208	Clay	10	15
Rock	4	212	Sand	10	25
Sand, fine	22	234	Clay	15	40
Rock	1	235	Sand	52	92
Clay	9	244	Shale and gravel streaks	30	122
Sand, broken	16	260	Sand	10	132
Clay	57	317	Rock	1	133
Sand	50	367	Sand	3	136
Rock	1	368	Rock	2	138
Clay	7	375	Sand	6	144
Sand	12	387	Shale	17	161
Well YW-59-56-906			Sand and shale streaks	39	200
Owner: Bill Yoast			Rock	1	201
Driller: C. A. Petry Water Well Drilling and Service			Sand and shale streaks	31	232
Sand, white; clay and brown sand	30	30	Rock	1	233
Clay and white sand	20	50	Sand	47	280
Clay and white sand	20	70	Shale	16	296
Sand and clay	20	90	Sand and shale streaks	34	330
Clay, red	20	110	Sand	45	375
Clay and sand bed	20	130	Shale	10	385
Clay, red	20	150	Sand	8	393
Clay and sand bed	20	170	Shale	17	410
Sand, rocks and clay	20	190	Sand and shale streaks	14	424
Sand, rock and clay	20	210	Sand	31	455
Clay	40	250	Shale	11	466
Gumbo	20	270	Shale and sand streaks	84	550
Gumbo and rocks	20	290	Shale and lignite streaks	30	580
			Shale	43	623

Table 10.--Drillers' Logs of Wells in Waller County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well YW-59-64-206--Continued			Well YW-59-64-207--Continued		
Sand	37	660	Clay	28	120
Shale	21	681	Sand and sandy clay with hard streaks	23	143
Sand and shale breaks	9	690	Clay	37	180
Sand	32	722	Sand with sandy clay	24	204
Shale	28	750	Clay	7	211
Shale and sand streaks	28	778	Sand and sandy clay	22	233
Shale	12	790	Clay with sandy clay	10	243
Sand and gravel streaks	24	814	Clay with streaks of sand	10	253
Shale and gravel streaks	18	832	Rock	1	254
Shale, hard	16	848	Sand with sandy clay and hard streaks	25	279
Shale, hard and sand streaks	105	953	Clay, sandy and clay	54	333
Shale and gravel streaks	30	983	Sand	22	355
Shale	32	1,015	Clay	8	363
Sand, fine	20	1,035	Sand with streaks of clay	8	371
Shale	21	1,056	Clay with sandy clay	11	382
Sand	8	1,064	Sand with streaks of clay	17	399
Shale	12	1,076	Clay	24	423
Shale	6	1,082	Sand with streaks of clay	28	451
Sand	92	1,174	Clay with streaks of sand and sandy clay	12	463
Shale	6	1,180	Sand with sandy clay	14	477
Sand	40	1,220	Clay	5	482
Shale, hard	25	1,245	Sand with clay breaks	30	512
Shale and sand streaks	17	1,262	Clay with sandy clay	39	551
Shale and sand streaks	35	1,297	Clay, sandy with streaks of sand and gravel	83	634
Sand, fine	5	1,302	Sand	19	653
Shale	10	1,312	Clay with sand streaks	21	674
Well YW-59-64-207 Owner: City of Hempstead, Well 4 Driller: Layne-Texas Co.			Sand	45	719
Topsoil	2	2	Clay	8	727
Clay with streaks of sand	24	26			
Clay, sandy with hard streaks	17	43			
Sand with hard streaks	13	56			
Clay with sand streaks	5	61			
Sand and sandy clay	26	87			
Clay	5	92			

Table 10.--Drillers' Logs of Wells in Waller County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well YW-59-64-803			Well YW-60-49-503--Continued		
Owner: Lawrence Marshall					
Driller: C. A. Petry Water Well Drilling and Service			Clay		
Clay	35	35		42	200
Sand and gravel	30	65		Sand	6
Shale, blue	25	90		206	
Sand	60	150		Clay and rock	18
Well YW-59-64-906				224	
Owner: 4G Ranch				Sand, fine	23
Driller: Katy Drilling, Inc.				Clay, rock streaks	106
Clay, sandy	15	15		353	
Sand	16	31		Sand	9
Clay	8	39		362	
Sand	7	46		Clay	7
Clay	62	108		369	
Sand	17	125		Sand	13
Clay	11	136		382	
Sand	29	165		Clay	10
Clay	10	175		392	
Sand	8	183		Sand	7
Clay	59	242		399	
Rock	1	243		Clay	69
Clay	151	394		468	
Rock and sand	16	410		Well YW-60-49-504	
Clay	50	460		Owner: J. B. Lloyd	
Rock	1	461		Driller: R&R Water Wells	
Clay	64	525		Iron ore and red clay	40
Sand	38	563		Clay	50
Clay	1	564		Sand	20
Well YW-60-49-503				110	
Owner: J. C. Robinson, Robinwood Subdivision				Clay	80
Driller: B. J. Swinehart Co.				190	
Clay	70	70		Rock	1
Sand	23	93		191	
Clay	16	109		Sand	59
Sand	13	122		250	
Clay	29	151		Well YW-60-49-602	
Sand	7	158		Owner: Mr. Bankston	
				Driller: C. A. Petry Water Well Drilling and Service	
				Clay and white sand	20
				Sand and yellow clay	20
				Clay	20
				Clay	20
				Clay and rocks	20
				Rock, hard and white clay	20
				Clay	20
				Gumbo, white	20
				Rock, shale and clay	20
				Clay	20
				Sand, fine, white	20
				Sand	25
				245	

Table 10.--Drillers' Logs of Wells in Waller County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well YW-60-49-603 Owner: J. B. Ray Driller: C. A. Petry Water Well Drilling and Service			Well YW-60-49-605 Owner: D. A. Stokes Driller: C. A. Petry Water Well Drilling and Service		
Shale	20	20	Clay	20	20
Sand	30	50	Sand	20	40
Sand and clay	28	78	Clay	70	110
Clay	20	98	Sand	20	130
Shale	20	118	Clay	70	200
Clay and sand	20	138	Rock	6	206
Sand, fine, brown	20	158	Sand, brown	21	227
Sand and clay	36	194	Well YW-60-49-902 Owner: Star of Hope Mission Driller: Lowry Water Wells		
Clay and hard rock	20	214	Surface and red and white clay	48	48
Clay	20	234	Sand	22	70
Clay and rock	20	254	Shale, sandy	50	120
Gumbo	20	274	Sand	21	141
Gumbo and hard rock	20	294	Shale	57	198
Clay and rock breaks	20	314	Sand	18	216
Clay and rock	20	334	Shale, broken	48	264
Shale and rock	20	354	Sand	12	276
Rock and gumbo	20	374	Shale, sandy	26	302
Rock	20	394	Sand	34	336
Sand and rock	36	430	Shale	41	377
Well YW-60-49-604 Owner: J. B. Ray Driller: C. A. Petry Water Well Drilling and Service			Sand, broken	7	384
Clay and brown sand	20	20	Shale and sand and broken sand rock	144	528
Sand and clay	20	40	Shale, sand breaks	32	560
Clay, sand	20	60	Sand	16	576
Clay	20	80	Sand	29	605
Sand and clay streaks	20	100	Well YW-60-49-903 Owner: Jimmy Warren Driller: C. A. Petry Water Well Drilling and Service		
Clay and rock	20	120	Clay	90	90
Clay	20	140	Sand, fine, brown	32	122
Sand	56	196	Clay	48	170
			Sand	22	192



Table 10.--Drillers' Logs of Wells in Waller County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well YW-60-50-402 Owner: George H. Frazier Driller: C. A. Petry Water Well Drilling and Service			Well YW-60-50-805 Owner: Pala-Dura Corp. Driller: Hildebrandt Service		
Clay, white	35	35	Clay	18	18
Sand	20	55	Sand	22	40
Clay	90	145	Clay	50	90
Rock	5	150	Sand	36	126
Sand	20	170	Well YW-60-50-806 Owner: W. D. Davis Driller: Almeda Water Well Service		
Well YW-60-50-704 Owner: J. J. Eaves Driller: R&R Water Wells			Soil, sandy	3	3
Clay	20	20	Clay, white	5	8
Sand	10	30	Clay and rock streaks	8	16
Clay	10	40	Sand, light brown	22	38
Clay	13	53	Clay, brown	14	52
Sand	60	113	Sand, brown	10	62
Well YW-60-50-803 Owner: C. R. Brown & R. B. Hyde, Jr. Driller: Doyle's Water Well Service			Clay, brown	45	107
Clay	30	30	Sand, light brown	18	125
Sand, broken	90	120	Clay, brown	15	140
Clay	50	170	Sand, light brown	20	160
Sand, broken	30	200	Clay, light red	36	196
Clay	50	250	Sand, light brown	9	205
Sand, broken	20	270	Clay, brown	14	219
Well YW-60-50-804 Owner: V. Clepper Driller: C. A. Petry Water Well Drilling and Service			Sand, white	35	254
Sand and gravel	20	20	Sand, red	3	257
Sand and gravel, clay	20	40	Well YW-60-57-107 Owner: Prairie View A&M College Driller: Layne-Texas Co.		
Clay	20	60	Topsoil	3	3
Clay	20	80	Clay	12	15
Sand and gravel	20	100	Sand and gravel	31	46
Sand and gravel	40	140	Sand and gravel with streaks of sandy clay	64	110
Sandbed and gravel	37	177	Clay	12	122
			Clay, sandy and clay	12	134
			Sand with clay streaks	18	152
			Clay	2	154
			Sand with clay streaks	20	174
			Clay	20	194

Table 10.--Drillers' Logs of Wells in Waller County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well YW-60-57-107--Continued			Well YW-60-57-803		
Sand with clay and hard streaks	5	199	Driller: C. A. Petry Water Well Drilling and Service		
Clay, sandy with streaks of sand	44	243	Clay	20	20
Clay and sandy clay	25	268	Sand, red and gravel	20	40
Rock	1	269	Rock	4	44
Clay and sandy clay with streaks of lime	35	304	Clay, yellow	96	140
Sand	11	315	Rock and sand	15	155
Clay	5	320	Clay	70	225
Sand	35	355	Rock	7	232
Clay and sandy clay	92	447	Sandbed, white	24	256
Sand and hard streaks	8	455	Well YW-60-57-804		
Streaks, hard	2	457	Owner: Layne Haley		
Sand with clay streaks	8	465	Driller: C. A. Petry Water Well Drilling and Service		
Clay, sandy	9	474	Sand and brown clay	20	20
Clay	11	485	Sand and gravel	20	40
Clay, sandy with clay	10	495	Sand and gravel and brown clay	20	60
Sand with hard streaks of clay	21	516	Clay and rocks	20	80
Clay, sandy	3	519	Clay and rocks	20	100
Sand with streaks of clay	17	536	Clay	20	120
Clay	13	549	Clay	20	140
Sand and clay streaks	26	575	Clay and sandbed	20	160
Clay	22	597	Rock and clay	20	180
Sand with clay streaks	5	602	Clay and sand	20	200
Clay	23	625	Clay, rock	20	220
Sand with clay streaks	6	631	Sandbed, bottom	38	258
Clay	11	642	Well YW-65-01-407		
Sand with clay streaks	8	650	Owner: Pfeffer and Son Farms		
			Driller: Katy Drilling, Inc.		
			Clay and sand	15	15
			Sand and gravel	20	35
			Sand	47	82
			Clay	36	118
			Sand and rock	101	219
			Clay	23	242
			Sand, rocky	12	254
			Clay	27	281
			Sand	14	295

Table 10.--Drillers' Logs of Wells in Waller County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well YW-65-01-407--Continued			Well YW-65-01-815--Continued		
Clay	63	358	Sand and rock	9	570
Sand and rock	24	382	Clay	42	612
Clay	46	428	Sand and rock	10	622
Sand and rock	12	440	Clay	17	639
Clay	10	450	Sand and rock	11	650
Sand	15	465	Clay	20	670
Clay	52	517	Sand and rock	26	696
Sand and rock	16	533	Clay	7	703
Clay	43	576	Sand and rock	75	778
Sand and rock	19	595	Clay	16	794
Clay	28	623	Sand and rock	33	827
Sand and rock strips	109	732	Clay	39	866
Rock, hard	3	735	Sand and rock	10	876
Sand and strips of hard rock	54	789	Clay	12	888
Shale, hard	21	810	Sand and rock	10	898
Sand and rock	21	831	Clay	10	908
Well YW-65-01-815 Owner: A. Bollinger Driller: Katy Drilling, Inc.			Sand and rock	20	928
			Clay	73	1,001
Clay, surface	18	18	Well YW-65-01-816 Owner: G. P. Nelson Driller: Katy Drilling, Inc.		
Sand	16	34	Surface and clay	77	77
Clay	29	63	Sand and gravel	37	114
Sand	38	101	Clay	8	122
Clay	24	125	Sand and rock	14	136
Sand and rock	22	147	Clay	19	155
Clay	17	164	Sand and rock	17	172
Sand	8	172	Clay	48	220
Clay	75	247	Sand and rock	24	244
Sand and rock	67	314	Clay	44	288
Clay	50	364	Sand	26	314
Sand and rock	10	374	Clay	71	385
Clay	25	399	Sand	27	412
Sand and rock	66	465	Clay	21	433
Clay	24	489	Sand and rock	51	484
Sand and rock	31	520	Clay	21	505
Clay	41	561			

Table 10.--Drillers' Logs of Wells in Waller County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well YW-65-01-816--Continued			Well YW-65-01-817--Continued		
Sand	5	510	Clay	3	431
Clay	86	596	Sand and rock	14	445
Clay with sand breaks	31	627	Rock	24	469
Sand and rock	30	657	Sand	19	488
Clay	27	684	Clay	11	499
Sand and rock	86	770	Sand	11	510
Clay with sand breaks	3	773	Clay	29	539
Sand and rock	46	819	Clay	41	580
Clay	20	839	Clay	17	597
Sand and rock	27	866	Sand	3	600
Clay	31	897	Clay	15	615
Sand and rock	18	915	Sand	51	666
Clay	38	953	Clay	97	763
Sand and rock	36	989	Sand and rock	12	775
Clay	13	1,002	Clay	5	780
Well YW-65-01-817 Owner: G. P. Nelson Driller: Katy Drilling, Inc.			Sand and rock	37	817
Surface	25	25	Clay	47	864
Gravel	10	35	Sand	5	869
Clay	9	44	Clay	20	889
Sand	11	55	Rock	6	895
Clay	3	58	Clay	3	898
Sand	49	107	Sand	19	917
Clay	4	111	Sand and clay streaks	9	926
Sand and rock	16	127	Clay	4	930
Sand	73	200	Sand and rocks	9	939
Clay	14	214	Sand	15	954
Sand	92	306	Clay	3	957
Rock	4	310	Sand and rock	10	967
Sand	42	352	Clay	5	972
Sand and clay strips	22	374	Sand	26	998
Clay	19	393	Rock and sand streaks	3	1,001
Sand	21	414	Sand	16	1,017
Clay	7	421	Clay	15	1,032
Sand and rock	7	428			

Table 10.--Drillers' Logs of Wells in Waller County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well YW-65-01-910 Owner: Eba Hebert Driller: Layne-Texas Co.			Well YW-65-01-910--Continued		
Soil	3	3	Shale, sandy	14	753
Clay	10	13	Shale and hard shale (broken)	27	780
Sand	11	24	Shale and sandy shale	31	811
Clay	4	28	Shale, sandy and sand	30	841
Sand and clay	35	63	Shale with hard layers	21	862
Sand and gravel	94	157	Sand, broken	45	907
Clay and sand streaks	7	164	Shale, hard sandy	48	955
Sand	17	181	Sand	13	968
Clay	69	250	Shale, hard sandy	42	1,010
Clay, hard sandy	13	263	Sand and shale streaks	46	1,056
Sand	36	299	Shale	23	1,079
Sand and broken clay	15	314	Sand and sandy shale	21	1,100
Clay, sandy	14	328	Shale	26	1,126
Clay	18	346	Sand and sandy shale	19	1,145
Sand	19	365	Shale	47	1,192
Clay, sandy	6	371	Shale, hard and lime	26	1,218
Gravel, hard	8	379	Shale, sandy	12	1,230
Sand	23	402	Shale, hard and lime	6	1,236
Clay, sandy and clay	22	424	Shale	25	1,261
Sand	31	455	Sand and shale streaks	16	1,277
Shale, hard sandy	15	470	Shale, sandy	19	1,296
Sand	12	482	Sand	20	1,316
Shale, hard sandy	13	495	Shale	14	1,330
Sand, broken	25	520	Shale, sandy and sand (broken)	21	1,351
Shale, sandy	20	540	Shale	6	1,357
Shale, hard	24	564	Well YW-65-02-710 Owner: J. H. Longenbaugh Driller: Layne-Texas Co.		
Shale, sandy and sand	22	586	Surface soil	3	3
Shale and sandy shale	15	601	Clay	11	14
Shale, sandy	39	640	Clay, sandy and sand	29	43
Sand and hard layers	16	656	Clay	10	53
Shale, sandy	21	677	Sand and gravel	57	110
Sand and sandy shale	17	694	Gravel	15	125
Shale, sandy	13	707	Sand and gravel	33	158
Shale	32	739			

Table 10.--Drillers' Logs of Wells in Waller County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well YW-65-02-710--Continued			Well YW-65-09-103 Owner: G. E. Longenbaugh Driller: Katy Drilling, Inc.		
Clay	5	163	Surface	65	65
Gravel and sandy clay	46	209	Sand	35	100
Clay	25	234	Clay	30	130
Clay, sandy and sand streaks	48	282	Sand with clay strips	22	152
Sand and lime	18	300	Clay, tough	33	185
Clay	17	317	Sand	15	200
Sand and sandy clay	24	341	Clay, tough	90	290
Clay	29	370	Sand	58	348
Clay, sandy	13	383	Clay	5	353
Clay	9	392	Rock	2	355
Clay, sandy and sand	20	412	Sand, rocky	16	371
Clay	40	452	Clay	9	380
Sand, broken	14	466	Sand	5	385
Shale	13	479	Clay	17	402
Shale, sandy	20	499	Sand with thin clay strips	17	419
Sand (cut good)	20	519	Clay	32	451
Sand (broken)	64	583	Sand	32	483
Shale, hard sandy	7	590	Rock	2	485
Sand	12	602	Clay	22	507
Shale, hard sandy	70	672	Sand	73	580
Sand	48	720	Clay, soft with small sand strips	7	587
Sand and sandy shale	16	736	Clay, tough	66	653
Shale	24	760	Sand, rocky	47	700
Sand, sandy shale and lime	15	775	Clay	40	740
Shale	56	831	Sand	14	754
Shale, hard sandy	48	879	Clay	23	777
Sand, hard and lime	56	935	Sand and rock	22	799
Shale and sandy shale	56	991	Clay	69	868
Hard shale and lime	34	1,025	Sand, rocky	73	941
Shale and sandy shale	90	1,115	Clay	5	946
Sand	6	1,121			
Shale and sandy shale	31	1,152			

Table 10.--Drillers' Logs of Wells in Waller County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well YW-65-09-104 Owner: G. Longenbough Driller: Katy Drilling, Inc.			Well YW-65-09-213--Continued		
			Clay	45	283
Sand, surface and clay	75	75	Sand, rock	10	293
Sand and hard streaks	10	85	Clay	43	336
Clay	10	95	Sand, rock	58	394
Sand	20	115	Clay	4	398
Clay and sand	51	166	Sand, rock	24	422
Clay and sand	84	250	Clay	20	442
Clay	28	278	Sand, rock	16	458
Sand	81	359	Clay	46	504
Clay and light sand streaks	81	440	Sand	68	572
Clay and sand streaks	10	450	Clay	12	584
Sand	15	465	Sand, rock	26	610
Clay	25	490	Clay	95	705
Sand	30	520	Sand, rock	60	765
Clay and sand	15	535	Clay	166	931
Sand and clay streaks	15	550	Sand, rock	9	940
Clay	10	560	Clay	14	954
Sand and clay	25	585	Sand, rock	60	1,014
Clay	25	610	Clay	31	1,045
Clay, hard	29	639	Shale, sandy	5	1,050
Sand with hard streaks	25	664	Sand	14	1,064
Clay	140	804	Clay	9	1,073
Sand and limerock	76	880	Well YW-65-09-314 Owner: John Bollinger Driller: L. W. Mickelson		
Sand	20	900	Soil and clay	25	25
Sand and rock	130	1,030	Sand	16	41
Sand	51	1,081	Clay	18	59
Clay	57	1,138	Sand and gravel	22	81
Well YW-65-09-213 Owner: Arthur Robichaux Driller: Katy Drilling, Inc.			Clay	10	91
Clay with sand breaks	49	49	Sand, rocky	27	118
Sand and gravel	99	148	Clay	6	124
Clay	9	157	Sand and gravel	31	155
Sand, rock	34	191	Clay	25	180
Clay (tough)	21	212	Sand	5	185
Sand, rock	26	238	Clay	16	201

Table 10.--Drillers' Logs of Wells in Waller County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well YW-65-09-314--Continued			Well YW-65-09-314--Continued		
Sand	15	216	Clay	8	909
Clay	16	232	Sand, rocky	9	918
Sand	6	238	Clay	15	933
Clay	21	259	Sand, rocky	10	943
Sand, rocky	63	322	Well YW-65-09-403		
Clay	6	328	Owner: City of Pattison		
Sand, rocky	40	368	Driller: Pomykal Drilling Co.		
Clay	20	388	Clay	30	30
Sand, rocky	20	408	Sand and gravel	65	95
Clay	10	418	Rock and sand	70	165
Sand	21	439	Shale	20	185
Clay	5	444	Sand	20	205
Sand, rocky	21	465	Shale	173	378
Clay	10	475	Sand	10	388
Sand, rocky	59	534	Rock and sand	7	395
Clay	40	574	Sand	5	400
Sand, rocky	21	595	Rock	3	403
Clay	15	610	Sand	24	427
Sand, rocky	31	641	Shale	33	460
Clay	6	647	Sand	12	472
Sand, rocky	21	668	Shale	33	505
Clay	20	688	Sand	7	512
Sand, rocky	21	709	Shale	18	530
Clay	6	715	Sand	28	558
Sand, rocky	20	735	Well YW-65-09-511		
Clay	12	747	Owner: John England		
Sand, rocky	50	797	Driller: Katy Drilling, Inc.		
Clay	6	803	Clay	35	35
Sand	10	813	Sand strips and rock	30	65
Clay	20	833	Sand, rocky gravel	115	180
Sand, rocky	10	843	Sand, rocky	38	218
Clay	21	864	Clay	37	255
Sand, rocky	37	901	Clay with sand strips	25	280
			Clay	75	355
			Sand, rocky	65	420
			Clay	14	434
			Sand	11	445



Table 10.--Drillers' Logs of Wells in Waller County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well YW-65-09-511--Continued			Well YW-65-09-512--Continued		
Clay	24	469	Clay and rocky strips	3	643
Sand	11	480	Sand	57	700
Clay	13	493	Sand with hard strips	65	765
Sand	5	498	Clay	87	852
Clay	20	518	Well YW-65-09-616 Owner: J. V. Cardiff & Sons, Well 7 Driller: Katy Drilling, Inc.		
Sand, rocky	10	528	Clay and sand	63	63
Clay	4	532	Sand	57	120
Sand, rocky	17	549	Gravel	20	140
Rock, hard	12	561	Sand and gravel	10	150
Sand, rocky	41	602	Sand and hard streaks	90	240
Clay	43	645	Clay	110	350
Sand, rocky	19	664	Sand and limerock	25	375
Clay	70	734	Clay with light breaks	35	410
Sand, rocky	15	749	Sand and clay	60	470
Clay	68	817	Clay	85	555
Sand	5	822	Sand	20	575
Clay	66	888	Clay	15	590
Sand, hard	5	893	Sand	15	605
Clay	10	903	Clay	15	620
Well YW-65-09-512 Owner: J. D. Woods Driller: Katy Drilling, Inc.			Sand with clay breaks	40	660
Surface	43	43	Sand and rocks	5	665
Sand	28	71	Clay	97	762
Clay	9	80	Sand, rocky	23	785
Sand	45	125	Clay with sand breaks	99	884
Sand and rocks	120	245	Sand	21	905
Sand	90	335	Clay with streaks	40	945
Shale and sand strips	40	375	Sand, rocky	75	1,020
Rock strips and shale	56	431	Sand, hard	54	1,074
Sand	29	460	Clay	35	1,109
Sand, hard and rock	20	480			
Sand, soft	20	500			
Shale	45	545			
Sand and clay	15	560			
Clay, sticky	80	640			

Table 10.--Drillers' Logs of Wells in Waller County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well YW-65-09-617 Owner: J. V. Cardiff & Sons Driller: Katy Drilling, Inc.			Well YW-65-09-813--Continued		
Surface, clay	54	54	Sand and gravel	72	158
Sand, gravel	126	180	Rock	3	161
Sand, rock	65	245	Sand and rock	144	305
Clay	128	373	Clay	15	320
Sand, rock	10	383	Sand	24	344
Clay	21	404	Clay	14	358
Sand, rock	23	427	Sand and shale	139	497
Clay	10	437	Well YW-65-10-109 Owner: Gene Andrews Driller: Katy Drilling, Inc.		
Sand, rock	20	457	Topsoil and clay	11	11
Clay	37	494	Clay	11	22
Sand, rock	17	511	Sand	8	30
Clay	39	550	Clay	27	57
Sand, rock	39	589	Sand	19	76
Clay	21	610	Sand and gravel	29	105
Sand	27	637	Clay	15	120
Clay	5	642	Sand and limerock	116	236
Sand	5	647	Clay	65	301
Clay	51	698	Clay with sand strips	39	340
Sand	30	728	Sand	79	419
Clay, tough	39	767	Clay	7	426
Sand, rock	30	797	Sand	11	437
Clay	13	810	Clay	20	457
Sand, rock	38	848	Sand and rock	43	500
Clay	29	877	Clay (tough)	32	532
Sand, rock	3	880	Sand and rock	31	563
Clay	21	901	Clay (tough)	17	580
Sand, rock	21	922	Sand and rock	12	592
Well YW-65-09-813 Owner: J. D. Woods Driller: Katy Drilling, Inc.			Clay (tough)	19	611
Clay, surface	26	26	Sand and rock	13	624
Sand	5	31	Clay (tough)	37	661
Clay	20	51	Clay with sand strips	19	680
Sand	19	70	Sand (rocky)	16	696
Clay	16	86	Clay	28	724
			Sand and limerock	23	747

Table 10.--Drillers' Logs of Wells in Waller County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well YW-65-10-109--Continued			Well YW-65-10-111--Continued		
Clay	10	757	Sand, hard	10	715
Clay with sand strips	18	775	Clay	11	726
Clay	13	788	Sand and rock	45	771
Sand and rock	106	894	Clay	41	812
Rock and sand	17	911	Sand and rock	16	828
Sand, tight	25	936	Clay	14	842
Clay, sandy	18	954	Sand, hard	31	873
Sand	16	970	Shale	15	888
Clay	28	998	Sand, hard	15	903
Well YW-65-10-111 Owner: B. F. Metzger Driller: Katy Drilling, Inc.			Shale	42	945
Surface clay	60	60	Sand and rock	67	1,012
Clay and sand strips	11	71	Clay	5	1,017
Sand and gravel	78	149	Well YW-65-10-112 Owner: B. F. Metzger Driller: Katy Drilling, Inc.		
Rocks	40	189	Clay, surface	69	69
Sand (rocky)	7	196	Sand and gravel	86	155
Sand (rock hard)	26	222	Sand and rock	89	244
Sand	25	247	Clay	60	304
Clay	81	328	Sand	26	330
Sand (hard) and rock	10	338	Clay	27	357
Clay	25	363	Sand	82	439
Sand (rocky)	17	380	Clay	12	451
Clay	25	405	Sand	17	468
Sand and rock	35	440	Clay	46	514
Clay	5	445	Sand and rock	47	561
Sand (rocky)	15	460	Clay	43	604
Clay	54	514	Sand and rock	98	702
Sand	11	525	Clay	9	711
Clay	20	545	Sand and rock	64	775
Sand and rock	30	575	Clay	33	808
Clay	45	620	Sand and rock	18	826
Sand	21	641	Clay	14	840
Clay	9	650	Sand and rock	23	863
Sand and rock	29	679	Clay	25	888
Clay	26	705	Sand	17	905

Table 10.--Drillers' Logs of Wells in Waller County--Continued

	THICKNESS (FEET)	DEPTH (FEET)		THICKNESS (FEET)	DEPTH (FEET)
Well YW-65-10-112--Continued			Well YW-66-08-60		
Clay	33	938	Owner: Charlie Morgan		
Sand	50	988	Driller: Rhemann Water Well Service		
Clay	13	1,001	Sand	1	1
Well YW-65-10-409			Clay, brown	54	55
Owner: Cecil Beckendorff			Gravel	3	58
Driller: Katy Drilling, Inc.			Clay, brown	46	104
Clay	70	70	Sand	4	108
Sand and gravel	65	135	Sandstone layers	8	116
Shale	5	140	Sand	4	120
Sand	30	170	Shale, blue	160	280
Caliche	15	185	Clay, soft	30	310
Shale	7	192	Sandstone	6	316
Sand, hard streaks	46	238	Sand, fine, gray	4	320
Shale with sand strips	67	305	Well YW-66-16-304		
Sand	12	317	Owner: Edward M. Hartman		
Shale, sandy	35	352	Driller: Pate Water Well Service		
Sand	10	362	Clay, red	32	32
Shale	68	430	Sand and gravel	7	39
Sand	60	490	Rock	7	46
Shale	70	560	Clay, yellow	6	52
Sand	62	622	Rock	13	65
Shale	5	627	Sand, gravel and rock	28	93
Well YW-66-08-405			Well YW-66-16-506		
Owner: Kay Wren			Owner: Will Thanheiser		
Driller: Rhemann Water Well Service			Driller: Ginn Drilling Co.		
Top	4	4	Soil, black top	1	1
Clay, gray	20	24	Clay, red	11	12
Sand, gray	4	28	Limestone	1	13
Clay, gray	41	69	Clay, red and white	17	30
Sand and gravel	5	74	Sand, mixed	48	78
Clay, hard and stone layers	32	106	Well YW-66-16-507		
Sand, fine, gray	18	124	Owner: Alfred Haak		
			Driller: Ginn Drilling Co.		
			Loam, white, sandy	3	3
			Sand, white	12	15
			Clay, red	3	18
			Sand, mixed	22	40
			Limestone, white	20	60
			Clay, red	67	127
			Limestone with sand breaks	70	197
			Sand, brown	13	210

Table 11.--Water Levels in Wells in Waller County  
(feet below land surface)

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well YW-60-57-508		Well YW-65-01-502		Well YW-65-01-904	
Owner: Mrs. G. O. Vaught Elevation: 245		Owner: Lynn Hebert, Well 1 Elevation: 202		Owner: A. E. Thompson Elevation: 184	
Feb. 17, 1966	1.64	Mar. 7, 1967	85.85	Mar. 9, 1967	82.19
Mar. 10	14.21	Mar. 8, 1968	88.81	Nov. 28	83.48
June 20	14.36	Mar. 18, 1969	84.90	Mar. 12, 1968	82.77
Sept. 22	16.15	Mar. 4, 1970	91.37	Mar. 19, 1969	89.46
Feb. 23, 1967	16.02	Mar. 9, 1971	93.43	Mar. 4, 1970	85.31
June 20	16.89	Feb. 28, 1972	95.21	Mar. 17, 1971	86.19
Dec. 12	19.14	Mar. 7, 1973	92.78	Feb. 29, 1972	86.39
Feb. 8, 1968	17.24	Mar. 4, 1974	94.57	Mar. 7, 1973	87.30
Feb. 26, 1969	1.51	Well YW-65-01-806		Mar. 7, 1974	88.79
Oct. 2	17.35	Owner: R. Bollinger & Sons Elevation: 195		Well YW-65-01-905	
Dec. 12	17.62	Nov. 21, 1966	83.9	Owner: Clyde Nelson Elevation: 187	
Feb. 27, 1970	16.21	Mar. 7, 1967	73.30	Mar. 9, 1967	61.31
Feb. 12, 1971	16.88	Nov. 28	89.6	Mar. 12, 1968	62.71
Feb. 3, 1972	18.31	Mar. 8, 1968	75.7	Mar. 19, 1969	63.02
June 2	15.79	Nov. 19	85.2	Mar. 4, 1970	65.27
Sept. 28	19.75	Mar. 18, 1969	74.6	Mar. 17, 1971	67.07
Dec. 8	17.18	Mar. 4, 1970	76.6	Feb. 29, 1972	65.09
Feb. 14, 1973	1.41	Mar. 9, 1971	79.5	Mar. 7, 1973	65.66
June 8	14.06	Feb. 29, 1972	77.2	Mar. 7, 1974	65.37
Sept. 13	15.61	Mar. 6, 1973	78.1	Well YW-65-09-204	
Dec. 4	13.68	Mar. 4, 1974	76.6	Owner: G. P. Nelson Elevation: 185	
Feb. 8, 1974	2.39	Well YW-65-01-814		Mar. 9, 1965	87.09
June 20	14.36	Owner: G. P. Nelson Elevation: 191		Mar. 10, 1966	89.75
Well YW-65-01-501		Mar. 7, 1967	91.61	Nov. 21	106.27
Owner: Lynn Hebert, Well 2 Elevation: 188		Nov. 28	122.96	Mar. 7, 1967	90.75
Mar. 7, 1967	72.49	Mar. 8, 1968	96.04	Nov. 28	113.74
Mar. 8, 1968	74.25	Nov. 19	116.89	Mar. 8, 1968	95.72
Mar. 18, 1969	70.55	Mar. 18, 1969	93.54	Mar. 18, 1969	93.09
Mar. 4, 1970	78.56	Mar. 4, 1970	100.36	Mar. 4, 1970	100.19
Mar. 9, 1971	79.08	Mar. 9, 1971	105.99	Mar. 9, 1971	106.37
Feb. 28, 1972	80.73	Feb. 29, 1972	103.34	Feb. 23, 1972	103.16
Mar. 7, 1973	79.56	Mar. 6, 1973	103.34	Mar. 8, 1973	102.96
		Mar. 4, 1974	103.51	Mar. 4, 1974	103.54

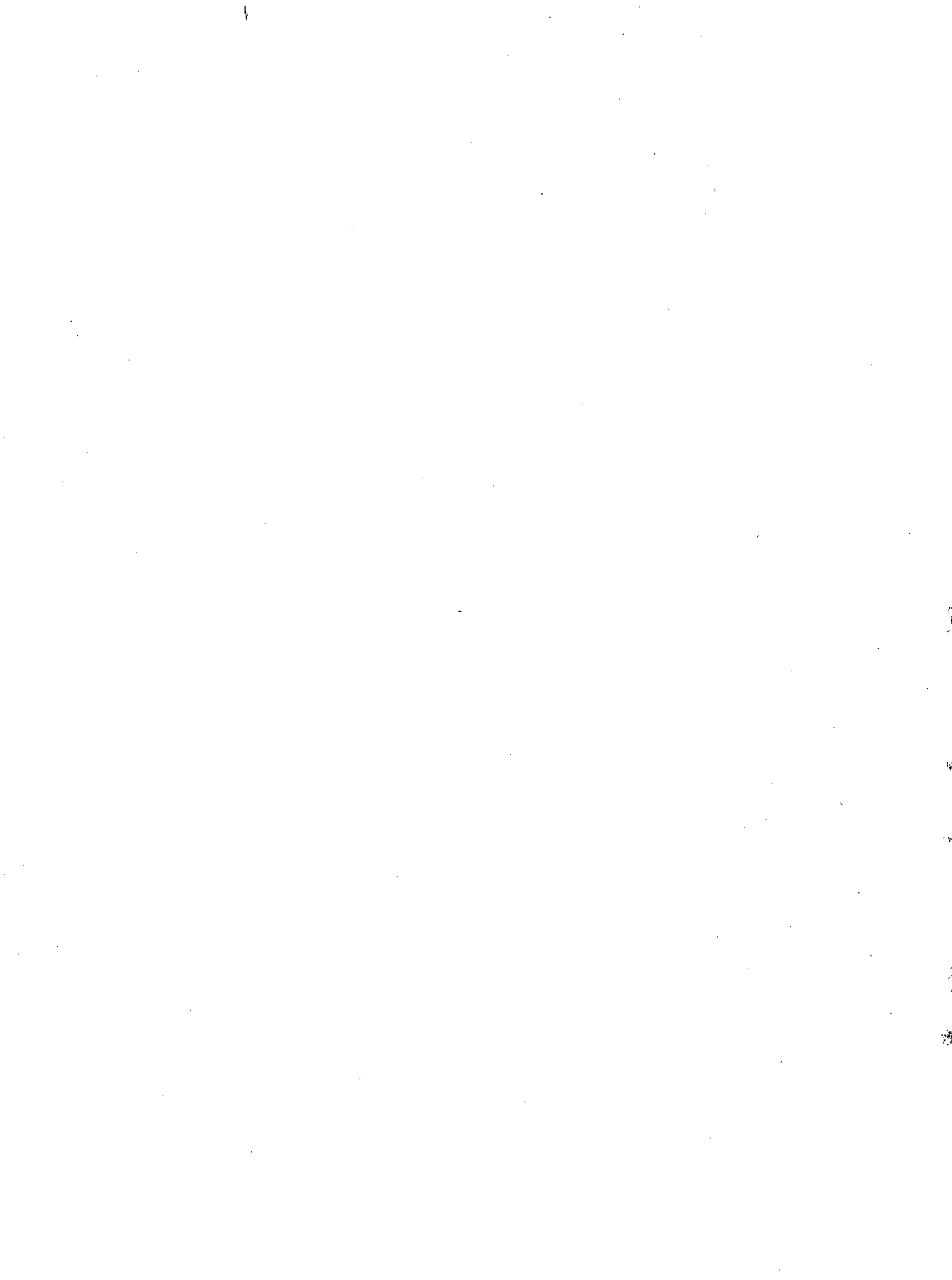
Table 11.--Water Levels in Wells in Waller County--Continued

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
Well YW-65-09-213		Well YW-65-09-604		Well YW-66-08-603	
Owner: A. Robichaux Elevation: 180		Owner: J. V. Cardiff & Sons Well 3 Elevation: 165		Owner: W. A. Bollinger Elevation: 176	
Mar. 10, 1970	105.48	Mar. 3, 1967	97.47	Mar. 7, 1967	51.86
Mar. 9, 1971	108	Well YW-65-09-605		Mar. 8, 1968	53.63
Feb. 23, 1972	108.43	Owner: J. V. Cardiff & Sons Elevation: 165		Mar. 18, 1969	52.10
Mar. 7, 1973	108.33	Mar. 3, 1967	98.93	Mar. 4, 1970	55.65
Mar. 4, 1974	108.85	Mar. 13, 1968	96.84	Feb. 28, 1972	55.94
Well YW-65-09-301		Mar. 19, 1969	98	Mar. 12, 1973	56.02
Owner: L. E. Morrison Elevation: 173		Mar. 3, 1970	100.48	Mar. 4, 1974	56.86
Mar. 3, 1967	94.13	Mar. 17, 1971	103.29		
Mar. 8, 1968	96.86	Feb. 28, 1972	103.93		
Mar. 19, 1969	98.69	Mar. 6, 1973	105.25		
Mar. 3, 1970	100.86	Mar. 5, 1974	106		
Mar. 11, 1971	102.39	Well YW-65-09-616			
Feb. 23, 1972	104.25	Owner: J. V. Cardiff & Sons, Well 7 Elevation: 167			
Mar. 7, 1973	105.03	Mar. 19, 1969	115.51		
Mar. 5, 1974	105.35	Mar. 3, 1970	119.80		
Well YW-65-09-307		Mar. 17, 1971	125.88		
Owner: T. B. Tucker Elevation: 176		Feb. 23, 1972	121.23		
Nov. 21, 1966	95.03	Mar. 6, 1973	124.17		
Mar. 9, 1967	92.27	Mar. 5, 1974	127.12		
Mar. 8, 1968	95.45	Well YW-65-10-403			
Mar. 18, 1969	96.44	Owner: Dale Mintz Elevation: 157			
Mar. 4, 1970	98.77	Mar. 9, 1967	96.77		
Mar. 11, 1971	100.03	Mar. 13, 1968	99.07		
Feb. 23, 1972	100.86	Mar. 10, 1970	101.89		
Mar. 8, 1973	101.55	Well YW-65-10-708			
Mar. 5, 1974	101.98	Owner: J. A. Bartlett Elevation: 151			
Well YW-65-09-509		Nov. 21, 1966	104.49		
Owner: J. V. Cardiff & Sons Well 6 Elevation: 167		Mar. 6, 1967	94.43		
Mar. 15, 1966	97.95	Mar. 13, 1968	99.02		
Mar. 3, 1967	93.80	Mar. 19, 1969	102.40		
Mar. 13, 1968	96.81	Mar. 5, 1970	108.6		
Mar. 19, 1969	97.50				
Mar. 3, 1970	103.32				
Feb. 28, 1972	105.84				
Mar. 6, 1973	107.81				
Mar. 5, 1974	108.32				

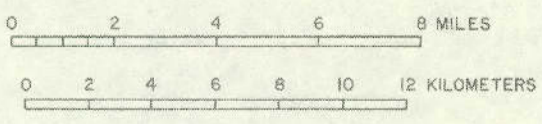
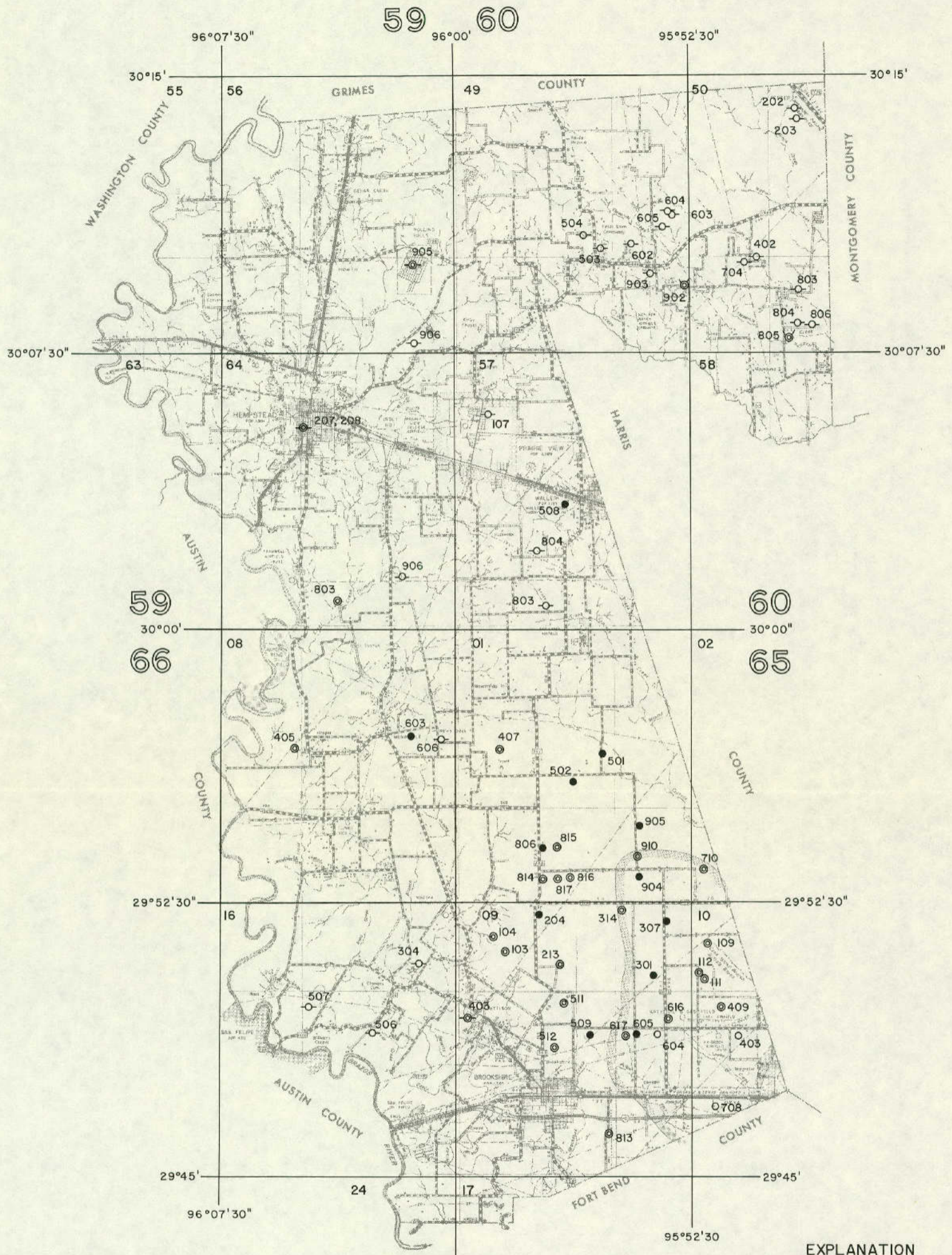
Table 12.--Chemical Analyses of Water from Wells in Weller County  
 When no potassium (K) is reported, sodium and potassium are calculated and reported as sodium (Na)  
 Water-bearing unit: E, Evangeline aquifer

WELL	OWNER	DEPTH OR PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DIS-SOLVED SILICA (SiO <sub>2</sub> ) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED MANGANESE (MN) (MG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO <sub>3</sub> ) (MG/L)	CARBONATE (CO <sub>3</sub> ) (MG/L)	DIS-SOLVED SULFATE (SO <sub>4</sub> ) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)	DIS-SOLVED ORTHO PHOSPHORUS (P) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED CONSTITUENTS (SUM OF) (MG/L)	HAZARDOUS (CA, MG) (MG/L)	PERCENT SODIUM (MG/L)	ESSENTIAL SODIUM CARBORATE (ES) (MG/L)	SODIUM ADSORPTION RATIO (SAR)	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	TEMPERATURE (°C)
1/80-59-64-206	City of Hempstead, Well 3	1,130-1,150	E	10-24-67	35	2/1,200	--	7.0	1.0	290	--	662	0	1.0	82	--	--	--	--	745	22	97	10.42	27	1,210	8.1	--
1/206	do	1,111-1,229	E	11-9-67	40	3/300	--	13	.0	310	--	713	0	.0	84	--	--	--	--	796	32	95	11.04	24	1,280	7.8	--
2/207	City of Hempstead, Well 4	490-720	E	12-17-70	18	2/180	--	29	6.0	130	--	368	0	2.0	47	--	--	--	--	409	97	74	4.09	5.6	696	7.7	--
60-50-202	A. C. Rickett	230-236	E	12-15-66	34	10	--	72	6.3	36	2.4	222	--	8.4	66	0.2	0.00	--	--	--	210	--	.00	1.1	373	7.2	--
2/57-107	Prairie View	440-575	E	1-22-71	17	2/60	4/20	.29	10	100	--	254	0	19	32	5/1.7	.16	--	--	393	140	62	1.03	3.8	639	7.6	--

1/ Analyzed by Microbiology Service Laboratories  
 2/ Analyzed by Edna Wood Laboratories  
 3/ Total iron (Fe)  
 4/ Total manganese (Mn)  
 5/ Total fluoride (F)







- EXPLANATION**
- CURRENT OBSERVATION WELL
  - DISCONTINUED OBSERVATION WELL
  - ⊙ PUBLIC-SUPPLY WELL
  - ⊕ INDUSTRIAL WELL
  - ⊗ IRRIGATION WELL
  - ⊖ DOMESTIC OR LIVESTOCK WELL
- 602 NUMBER--Corresponds to well number given in Tables 9-12

**Figure 3**  
**Location of Wells in Waller County**

Base from Texas Highway Department county highway map





