Report 259

Ground-Water Data for the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson in Westernmost Texas

TEXAS DEPARTMENT OF WATER RESOURCES

October 1980

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REPORT 259

GROUND-WATER DATA FOR THE SALT BASIN, EAGLE FLAT, RED LIGHT DRAW, GREEN RIVER VALLEY, AND PRESIDIO BOLSON IN WESTERNMOST TEXAS

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INTRODUCTION

From October 1971 through October 1974, the U.S. Geological Survey collected ground-water data in the basins in Texas west of the Pecos River drainage area and northwest of the Big Bend country. The basins included are, from east to west: The Presidio Bolson; the Salt Basin; Green River Valley, Eagle Flat, and Red Light Draw. These data, which were collected in cooperation with the Texas Department of Water Resources (formerly Texas Water Development Board), will provide information for a continuing assessment of water availability within the State.

The data-collection program consisted of an inventory of all major irrigation, municipal-supply, and industrial wells; selected stock and domestic wells; and selected springs. Water samples were collected from representative wells and springs for chemical analyses. These data, together with data from geophysical surveys and test drilling, were used to prepare a report on the availability of ground water in the basins of westernmost Texas (Gates and others, 1980). Data collected prior to this study are contained in the reports listed in the selected references.

The well-numbering system is shown on Figure 1, and the locations of the wells, test holes, and springs are shown on Figures 2-8.

The records of wells and springs are given in Table 1, and the water levels in selected observation wells in the Salt Basin are given in Table 2. The chemical analyses of water samples from selected wells, test holes, and springs are given in Table 3.

WELL-NUMBERING SYSTEM

The well-numbering system used in this report is the one adopted by the Texas Department of Water Resources for use throughout the State (Figure 1). Under this system, each 1-degree quadrangle in the State is given a number consisting of two digits from 01 to 89. These are the first two digits in the well number.

Each 1-degree quadrangle is divided into 7½-minute quadrangles that 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 that are given a single-digit number from 1 to 9. This is the fifth digit of the well number. Each well within a 2½-minute quadrangle is given a two-digit number in the order in which it is inventoried. These are the last two digits of the well number. In addition to the seven-digit well number, a two-letter prefix is used to identify the county. The prefixes are Culberson County, HL; Hudspeth County, PD; Jeff Davis County, PS; and Presidio County, UW.

DATA-COLLECTION METHODS

Records of Wells, Test Holes, and Springs

The records of wells and springs (Table 1) include data collected during this investigation (1971-74) and in previous investigations. Most of the listed wells and springs were visited during this investigation. During a visit to a well, its location was plotted on a 7½-minute topographic map, if available; otherwise, the location was plotted on 15-minute or 2-degree map. The elevation of the land surface at the well was estimated from the topographic map. The water level in the well, casing diameter, well depth, well yield, water temperature, and specific conductance of the water were measured if possible. Information on the type of lift and power, the horsepower of the power plant, and the use of water was recorded.

The well owner or user was contacted, if possible, to provide information on the depth of casing and

perforated interval, the driller and date of completion, and the yield, water level, drawdown, pump setting, water quality, material penetrated, and use of water. Borehole geophysical logs, if available, were obtained from the owner. Data from the interviews made during previous surveys were used if they were complete.

Drillers' logs, field notes, and geologic maps were used to determine the water-bearing unit and to estimate the depth to bedrock where possible. The Texas Department of Water Resources and the Geological Survey made borehole geophysical logs in selected wells.

Water Levels

Periodic measurements of water levels in selected wells in the Wild Horse, Lobo, and Beacon Hill irrigation areas of the Salt Basin are given in Table 2. Water levels in the observation wells were measured by the Geological Survey prior to 1969. Since 1969, they have been measured by the Texas Department of Water Resources as part of the Department's statewide program. Table 2 also shows all measurements made in these wells by the Geological Survey during this investigation.

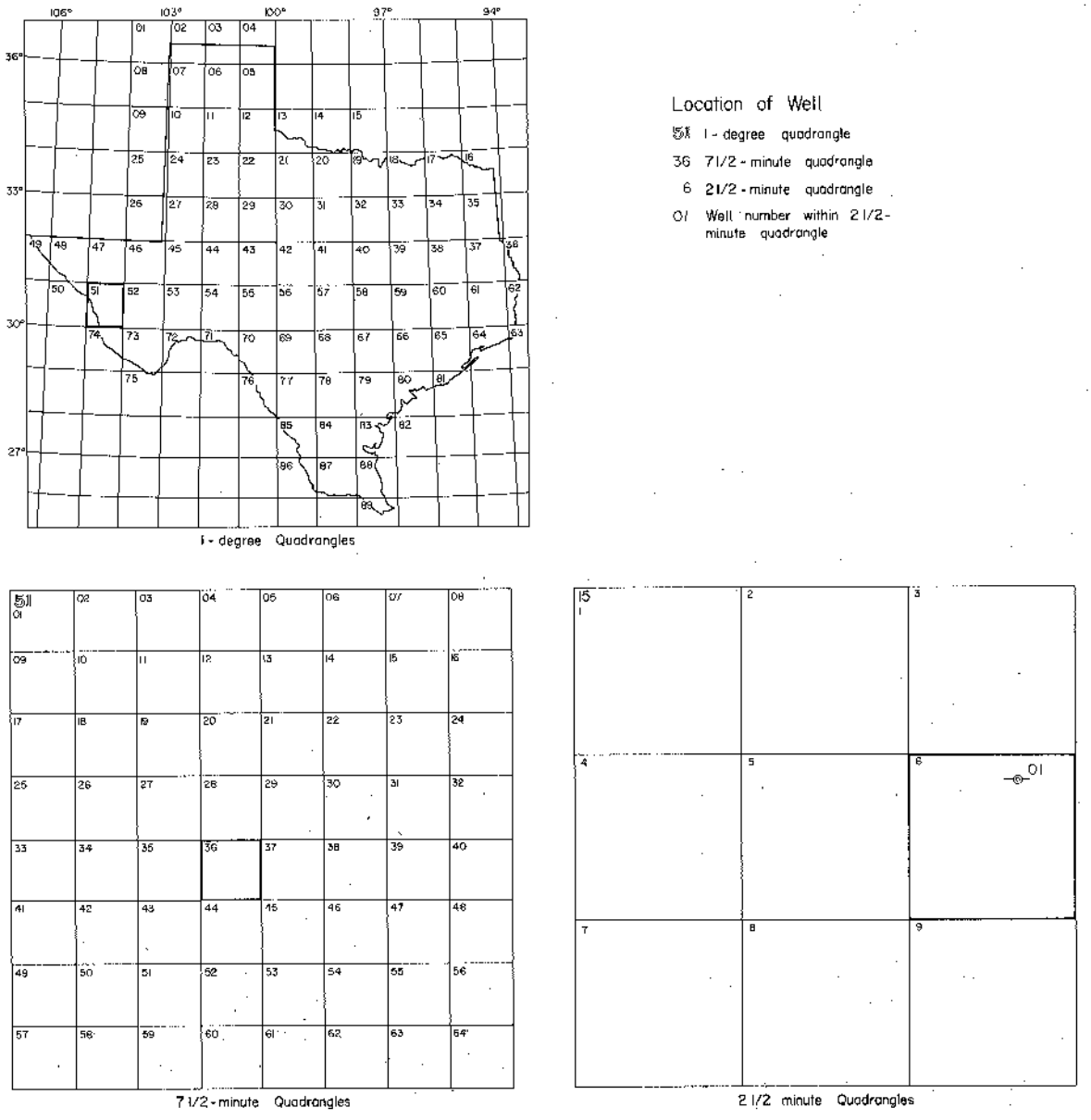

Figure 1.—Well-Numbering System

Quality of Water

Water samples were collected from selected wells and springs and analyzed by the Geological Survey. A standard analysis commonly was made if no previous analysis had been made and if the well was in one of the major irrigation areas or was used for public supply; otherwise, partial analyses were made. The tabulation shows most of the analyses that have been made in the project area during this and previous surveys, including those made by the U.S. Geological Survey, the Texas Department of Health, and private laboratories. Field measurements of the specific conductance of water from many wells and springs are included in the remarks column of Table 1 if no chemical analysis has been made.

SELECTED REFERENCES

Albritton, C. C., Jr., and Smith, J. F., Jr., 1965, Geology of the Sierra Blanca area, Hudspeth County, Texas: U.S. Geol. Survey Prof. Paper 479, 131 p.

Davis, M. E., and Leggat, E. R., 1965, Reconnaissance investigation of the ground-water resources of the upper Rio Grande basin, Texas, *in* Reconnaissance investigations of the ground-water resources of the Rio Grande basin, Texas: Texas Water Comm. Bull. 6502, p. U1-U99.

Davis, M. E., and Gordon, J. D., 1970, Records of water levels and chemical analyses from selected wells in parts of the Trans-Pecos region, Texas, 1965-68: Texas Water Devel. Board Rept. 114, 49 p.

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Hood, J. W., and Scalapino, R. A., 1951, Summary of the development of ground water for irrigation in the Lobo Flats area, Culberson and Jeff Davis Counties, Texas: Texas Board of Water Engineers Bull. 5102, 29 p.

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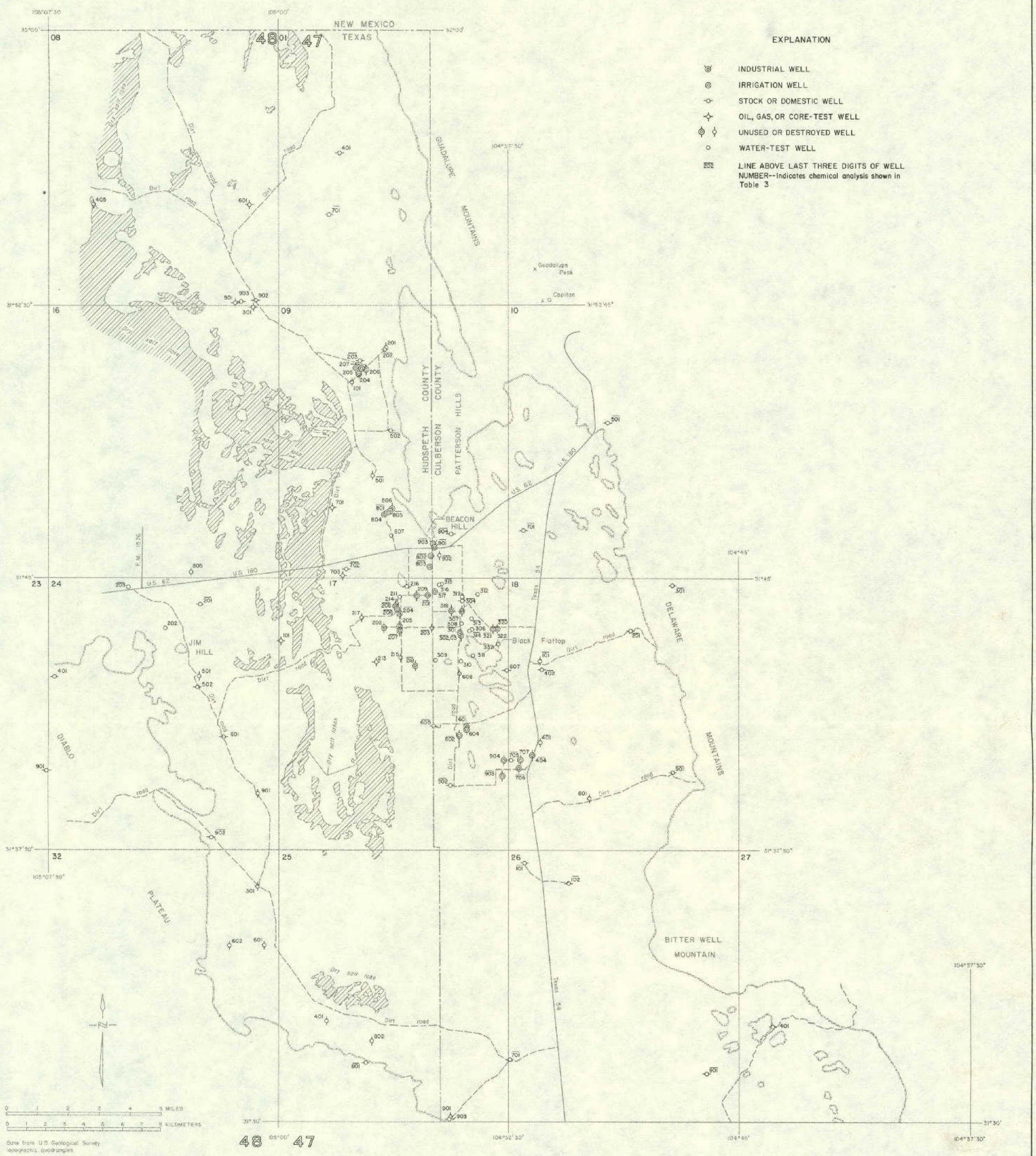
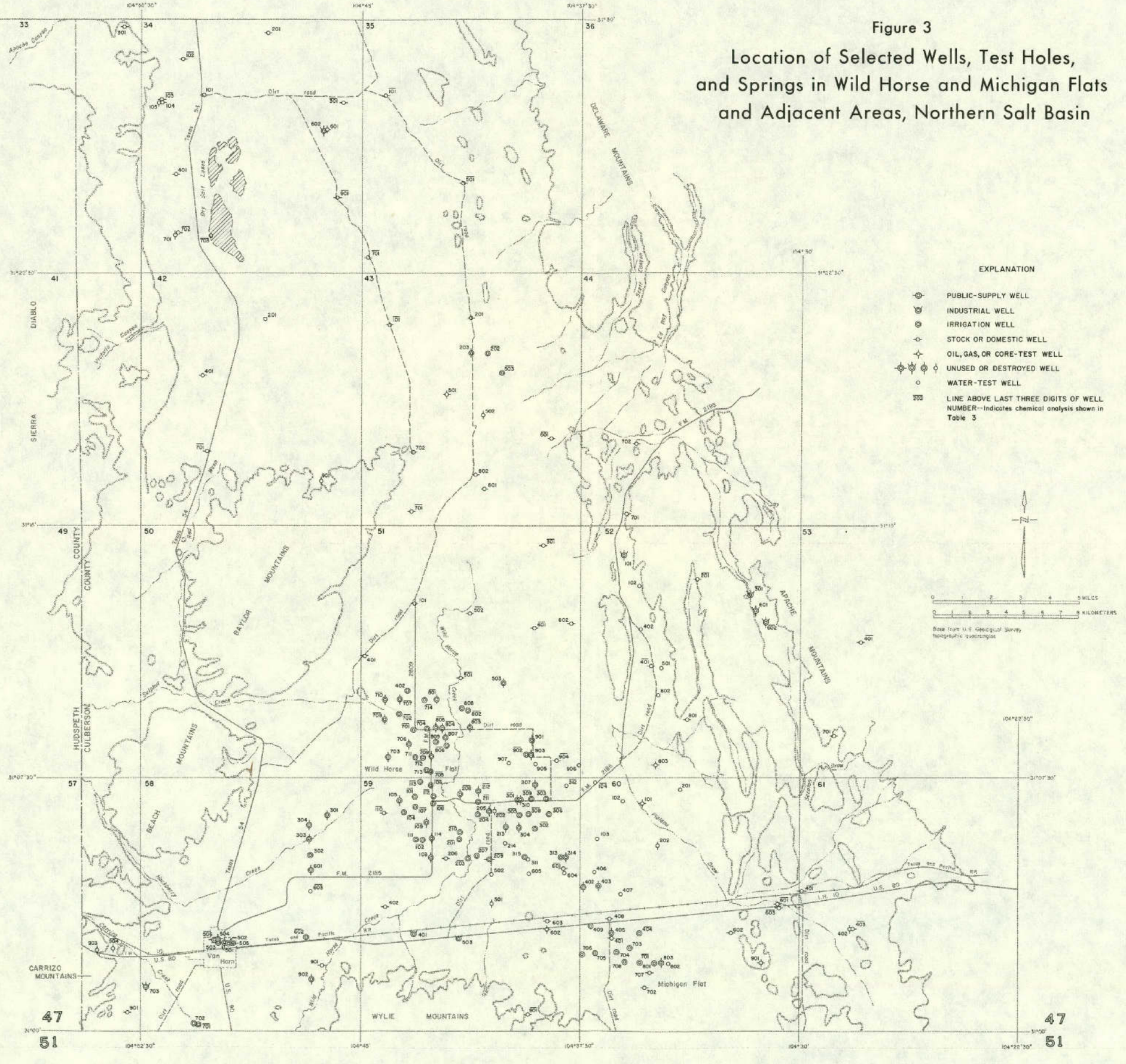


Figure 2

Locations of Selected Wells, Test Holes, and Springs in the Salt Flats and Adjacent Areas, Northern Salt Basin

Figure 3

Location of Selected Wells, Test Holes, and Springs in Wild Horse and Michigan Flats and Adjacent Areas, Northern Salt Basin



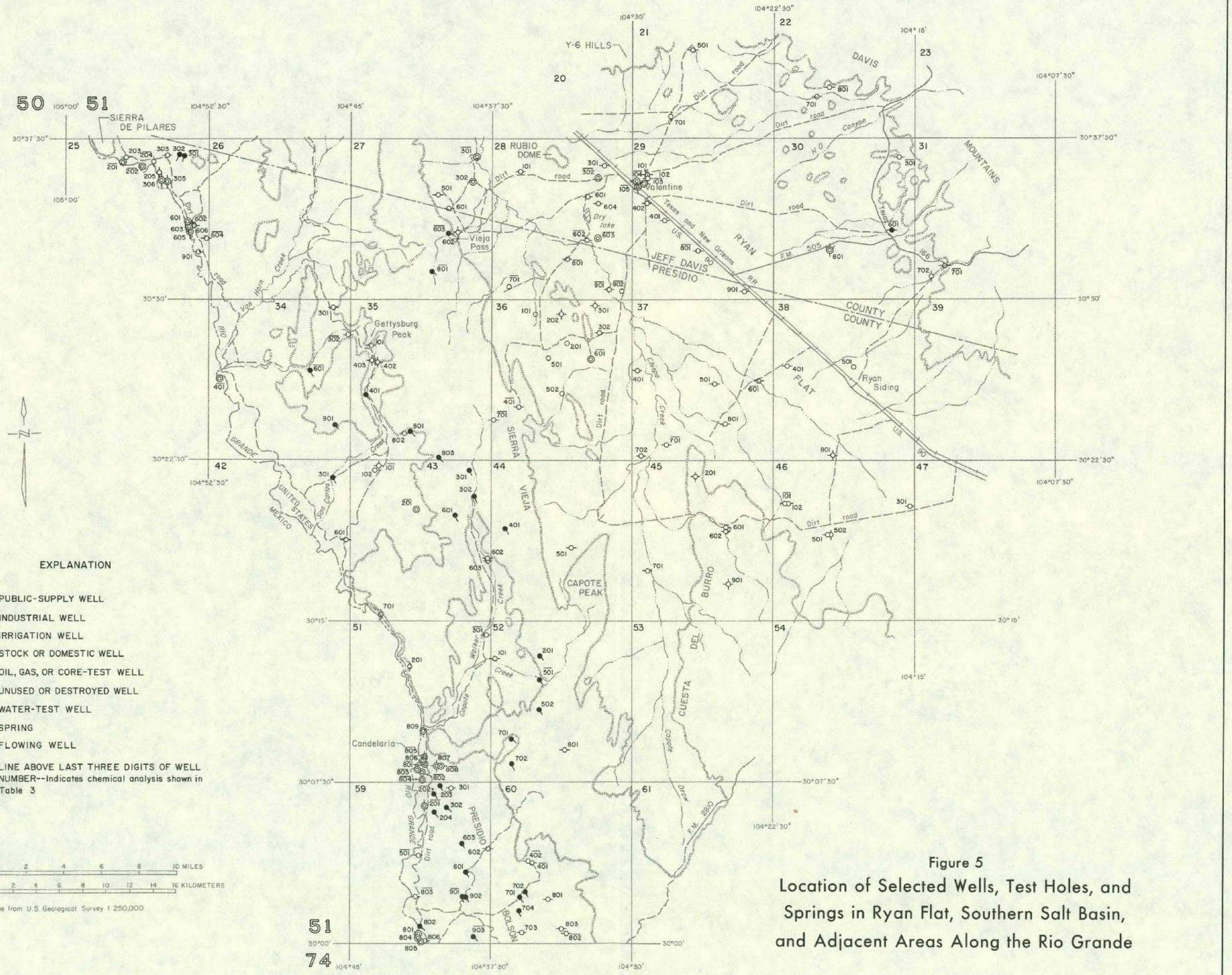
EXPLANATION

- INDUSTRIAL WELL
- IRRIGATION WELL
- STOCK OR DOMESTIC WELL
- OIL, GAS, OR CORE-TEST WELL
- UNUSED OR DESTROYED WELL
- WATER-TEST WELL
- FLOWING WELL
- 402 LINE ABOVE LAST THREE DIGITS OF WELL NUMBER--Indicates chemical analysis shown in Table 3

Basis from U.S. Geological Survey topographic quadrangles

Figure 4

Location of Selected Wells, Test Holes, and Springs in Lobo Flat and Adjacent Areas, Southern Salt Basin



EXPLANATION

- PUBLIC-SUPPLY WELL
- INDUSTRIAL WELL
- IRRIGATION WELL
- STOCK OR DOMESTIC WELL
- OIL, GAS, OR CORE-TEST WELL
- UNUSED OR DESTROYED WELL
- WATER-TEST WELL
- SPRING
- FLOWING WELL
- 804 — LINE ABOVE LAST THREE DIGITS OF WELL NUMBER--Indicates chemical analysis shown in Table 3

0 2 4 6 8 10 MILES
0 2 4 6 8 10 12 14 16 KILOMETERS

Base from U.S. Geological Survey 1:250,000

Figure 5

Location of Selected Wells, Test Holes, and Springs in Ryan Flat, Southern Salt Basin, and Adjacent Areas Along the Rio Grande

EXPLANATION

- PUBLIC-SUPPLY WELL
- INDUSTRIAL WELL
- IRRIGATION WELL
- STOCK OR DOMESTIC WELL
- UNUSED OR DESTROYED WELL
- WATER-TEST WELL
- FLOWING WELL
- 404 — LINE ABOVE LAST THREE DIGITS OF WELL NUMBER—Indicates chemical analysis shown in Table 3

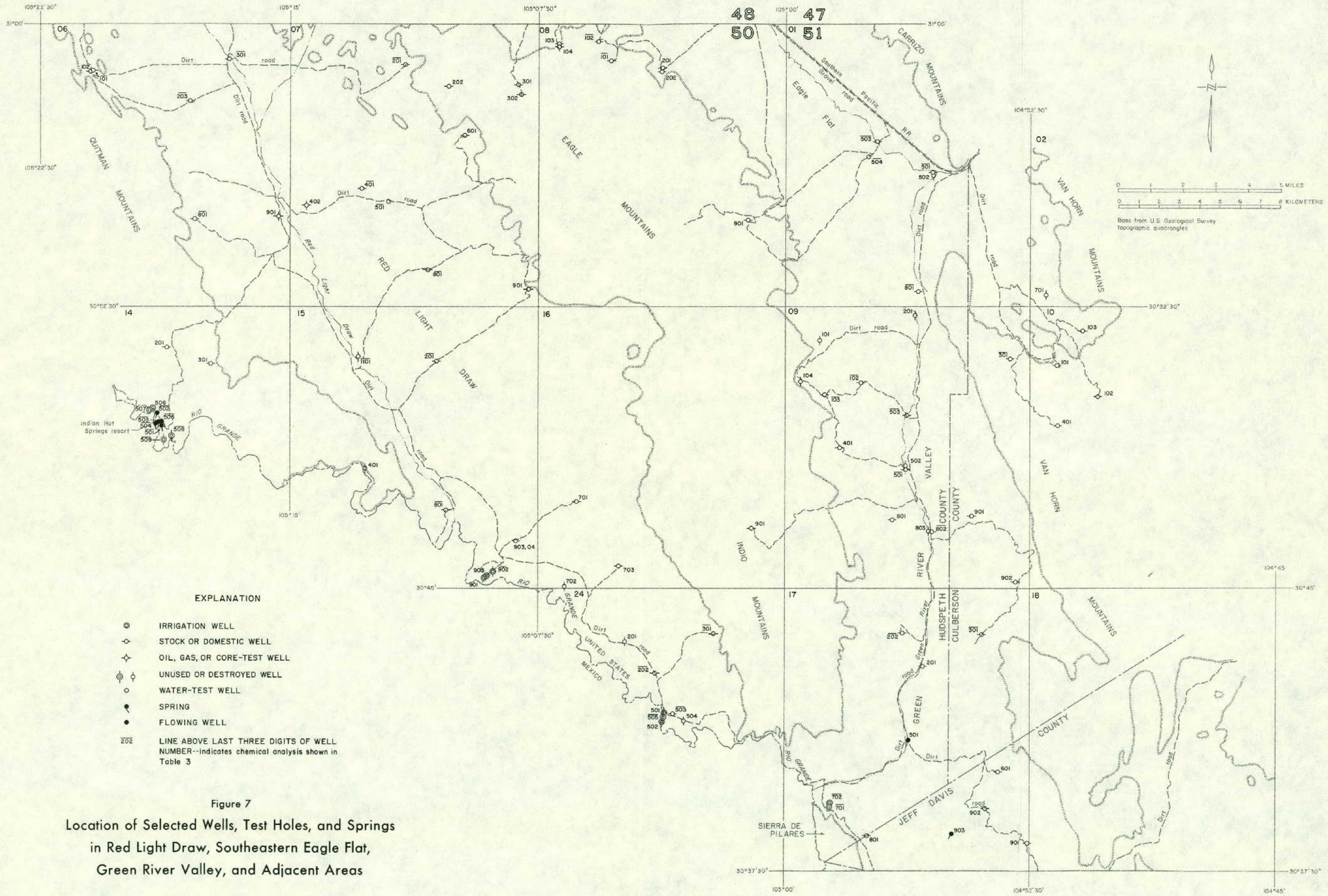
Figure 6

Location of Selected Wells, Test Holes, and Springs in Eagle Flat, Northern Red Light Draw, and Adjacent Areas

0 1 2 3 4 5 MILES

0 1 2 3 4 5 6 7 8 KILOMETERS

Base from U.S. Geological Survey topographic quadrangles



EXPLANATION

- IRRIGATION WELL
- STOCK OR DOMESTIC WELL
- OIL, GAS, OR CORE-TEST WELL
- UNUSED OR DESTROYED WELL
- WATER-TEST WELL
- SPRING
- FLOWING WELL
- $\overline{202}$ LINE ABOVE LAST THREE DIGITS OF WELL NUMBER--Indicates chemical analysis shown in Table 3

Figure 7

Location of Selected Wells, Test Holes, and Springs in Red Light Draw, Southeastern Eagle Flat, Green River Valley, and Adjacent Areas

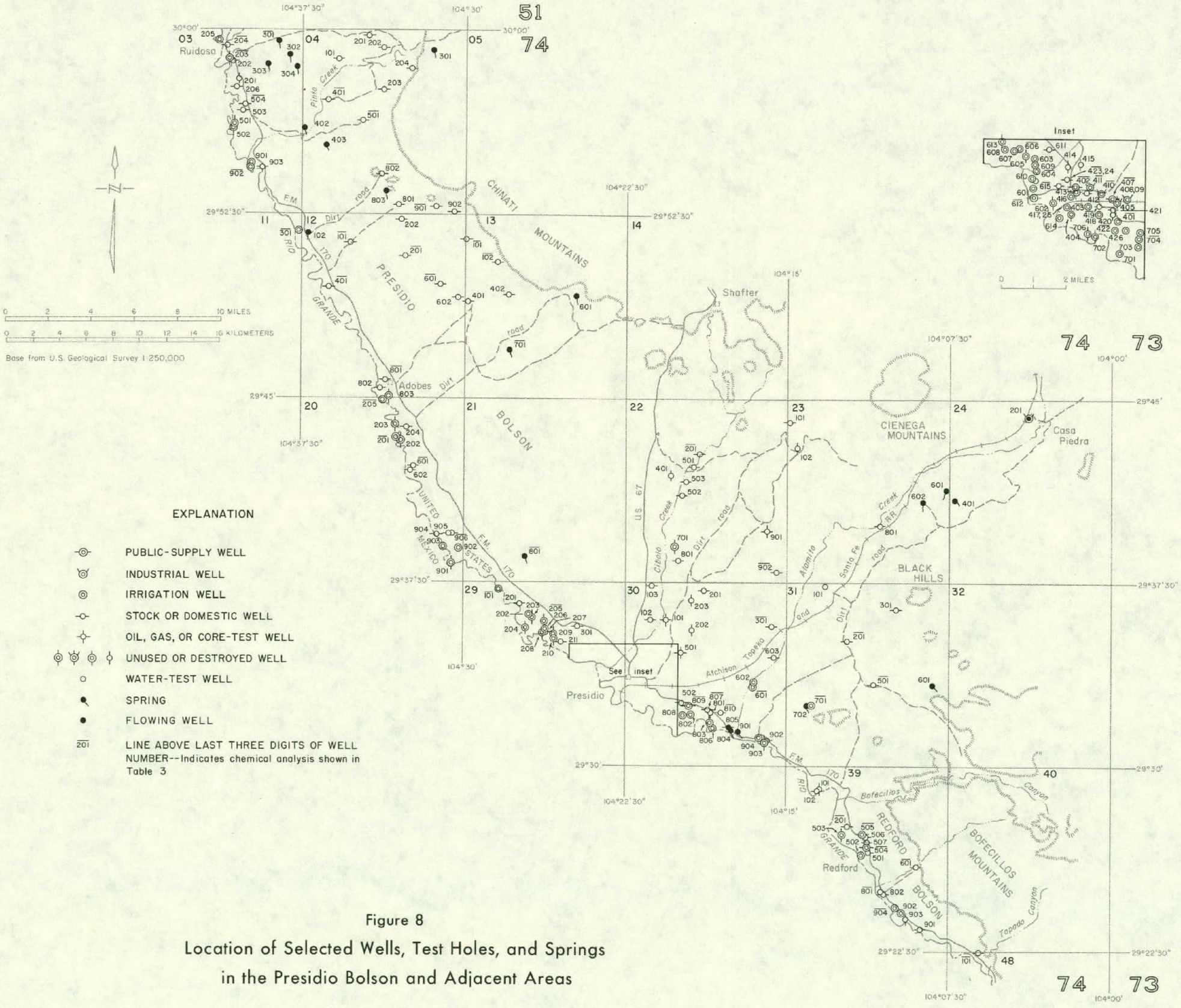


Figure 8

Location of Selected Wells, Test Holes, and Springs in the Presidio Bolson and Adjacent Areas

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley and Presidio Bolson

Diameter of casing : N, no casing.
Water-bearing units : K, Cretaceous rock, undifferentiated; Kc, Cox Formation; P, Permian rocks, undifferentiated; Pbcd, Delaware Mountain Group; Pbs, Bone Spring; Pbsvp, Bone Spring, Victoria Peak, undifferentiated; Pc, Capitan Limestone (reef complex and associated limestone); Pe, Precambrian rocks, undifferentiated; Pgs, Goat Seep limestone; Pz, Paleozoic rocks, undifferentiated; Qal, Alluvial deposits, Quaternary age; QTal, Alluvial basin fill of Quaternary and Tertiary age, undifferentiated; QTalTv, Alluvial basin fill and volcanics, Quaternary and Tertiary age, undifferentiated; Ti, Tertiary intrusives, undifferentiated; Tv, Tertiary volcanics.
Water level : Reported water levels given in feet; measured water levels given in tenths of a foot and hundredths of a foot in observation wells. R, reported; F, flows; E, estimated.
Method of lift and type of power: B, bucket; C, cylinder; Cf, centrifugal; E, electric; G, gasoline, butane, or diesel engine; H, hand; J, jet; N, none; Ng, natural gas; P, piston; S, submergible; T, turbine; W, windmill. Number indicates horsepower.
Use of water : D, domestic; Ind, industrial; Irr, irrigation; N, none; P, public supply; S, livestock; R, recreation.

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
PD-47-01-401	D. F. Lewis	--	old	27	36	Qal	3,730	25.0	Sept. 29, 1948	C, W	S	"Sid Ables" well, no. 89 in Tex. Board Water Engineers Bull. 5004.
1/ 701	do	--	old	60	--	QTal	3,671	50.0	do	C, W	S	"Eclipse" well, no. 90 in Tex. Board Water Engineers Bull. 5004.
09-101	Ed Hammack	--	old	24	--	Qal	3,640	20R	Nov. 1949	C, W	N	No. 97 in Tex. Board Water Engineers Bull. 5004.
201	do	H. H. Virdell	1941 & 1971	240	6	--	3,789	195.5	Nov. 13, 1975	N	N	Deepened from 200 to 240 feet in 1971, no. 91 in Tex. Board Water Engineers Bull. 5004.
1/ 202	do	--	1947 & 1971	240	8	--	3,789	--	--	S, E	S	Deepened from 207 to 240 feet in 1971.
1/ 203	do	--	1949-53?	150?	14	QTal	3,697	91.0	Nov. 13, 1973	S, E	S	--
204	do	--	1949-53?	150?	16	QTal	3,674	74.9	Nov. 14, 1973	N	N	--
205	do	--	--	150?	14	QTal	3,676	70.7	do	N	N	Reported originally 300 feet deep, caved to 150 feet.
206	do	--	1952-53?	150?	16	QTal	3,700	101.5	June 20, 1974	T, E	N	--
207	do	Leroy Perry	1974	1,240	14	Pgs?	3,685	95.7 104.2	do Oct. 30, 1975	T, E 100	Irr	Bedrock at about 750 feet, limestone at 1,003 feet; tested at 1,500 gal/min with 4 feet drawdown, reportedly produces 2,450 gal/min with 18 feet drawdown.
1/ 501	do	--	1930's	80	6	QTal	3,639	--	--	C, W	N	"Old place" well, originally 100 feet deep, caved and cleaned out to 80 feet in 1973.
1/ 502	do	--	1938-1940 & 1971	140	6	QTal	3,690	--	--	C, W	S	"Patterson" well, originally 100 feet, deepened to 140 feet in 1971.
701	Guitar Trust	Pure Oil Co.	1948	1,416	--	--	3,630	--	--	--	--	Pure Oil Co. Guitar no. 1, core test no. 2, Hudspeth County, approximate location; bedrock (dolomite) at 1,047 feet, sample and electric logs.
1/ 702	Ed Hammack	--	--	70	6	QTal	3,648	--	--	C, W	S	Originally drilled to 100 feet, cleaned out to 94 feet, caved to 70 feet.
703	J. V. McAdoo	Pure Oil Co.	1948	1,180	--	--	3,640	--	--	--	--	Pure Oil Co., core test no. 1, Hudspeth County, approximate location; bedrock (dolomite) at 1,080 feet, sample and electric logs.
1/ 801	do	George Millian	1954	412	16	Pc	3,696	88.0 86.4 102.3	June 8, 1954 Jan. 26, 1960 Nov. 13, 1973	T, Ng	Irr	Bedrock (limestone) at 100 feet; cased to 270 feet, open hole below; 200 feet of 10-inch column pipe. Reported 2,400 gal/min with 97 feet drawdown in 1954, estimated 1,600 gal/min in 1968; former Tex. Water Devel. Board water-level observation well. 2/

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ PD-47-09-802	Ed Ardoin	--	--	250+	16	Pc	3,800	197.6 205.4 200.1	Feb. 11, 1972 Sept. 7, 1972 Feb. 12, 1974	T, E, 110?	Irr	200 feet of 10-inch column pipe, estimated 920 gal/min in 1963.
1/ 803	do	--	--	--	16	Pc	3,790	190.7	Mar. 21, 1972	T, E, 150	Irr	220 feet 10-inch column pipe.
804	J. V. McAdoo	C. E. Harris	1955	416	16	Pc	3,696	--	--	T, Ng, 110	Irr	Cased to 300 feet, open hole below; 200 feet 10-inch column pipe. Estimated 1,400 gal/min in 1972, 700 in 1974; field specific conductance 1,740 umho/cm and temperature 69°F in 1972.
1/ 805	do	do	1955	515	16	Pc	3,696	84.9 96.9	July 26, 1960 Mar. 31, 1972	T, Ng, 110	Irr	Bedrock (limestone) at 100 feet; cased to 400 feet, perforated 100 to 400 feet, open hole below; 200 feet 10-inch column pipe. Estimated 1,300 gal/min in 1960, 780 gal/min in 1963, 1,000 gal/min in 1974.
806	do	C. R. Bramblett	1965	500	18	Pc	3,696	94.3 98.6 104.2 97.0	Sept. 12, 1966 Mar. 31, 1972 Sept. 6, 1972 Feb. 11, 1974	N	N	Cased to 320 feet, open hole below; gamma-ray log available, probe reached 752 feet (deepened after 1965?).
807	do	--	--	--	--	--	3,722	130.2	May 18, 1972	S, E	D	--
1/ HL-47-09-901	El Paso Natural Gas Company	Wheller Cass	1957	591	12	QTal, Pc	3,804	203R 194R 208R	Aug. 13, 1957 Feb. 4, 1958 June 1969	T, E	Ind, D	El Paso Natural Gas Co. well no. 6; bedrock (limestone) at 275 feet; cased to 263 feet, open hole below. Estimated 330 gal/min 1968, 150 gal/min reported 1969, 17 gal/min/ft specific capacity reported. 3/
1/ 902	Amarex, Inc.	Continental Geophysical	1965	320	--	Pc	3,830	203.0	May 11, 1965	N	N	Destroyed test hole, owner's test hole no. 1; bedrock at 25? feet, limestone at 180? feet; sample and gamma-ray logs.
1/ 903	El Paso Natural Gas Company	K. C. Wheeler	1970	650	16	Pc	3,804	210R	May 1970	T, E	Ind, D	El Paso Natural Gas Co. well no. 7; bedrock (limestone) at 249 feet; cased to 275 feet, open hole below. Reported 280 gal/min 1971; 16 gal/min/ft specific capacity reported 1971. 3/
1/ 904	do	S. H. Smith	1956	382	--	QTal, Pc?	3,869	272R	June 1969	T, E	Ind, D	El Paso Natural Gas Co. well no. 4 on standby status because of deterioration in water quality in 1969; bedrock at 334? feet. 88 gal/min in 1969; 1.4 specific capacity reported 1969. 3/
1/ 10-501	Six-Bar Cattle Co.	--	--	1,100	--	Pbs?	4,565	800R	1971	C, E	S	Owner's well no. 18, field specific conductance 1,160 umho/cm, water reddish.
1/ 701	--	--	--	702?	--	--	4,015	--	--	C, W	S	Field specific conductance 1,580 umho/cm.
PD-47-17-101	Texas Pacific Land Trust	Pure Oil Co.	1948	1,707	--	--	3,625	--	--	--	--	Pure Oil Co. Crable no. 1, core test no. 4, Hudspeth County, approximate location. Bedrock at 1,650? feet (no massive limestone or dolomite); sample and electric log.
1/ 201	Amarex, Inc.	W. L. Stratton	1959	400	16	Pc	3,755	147.0 157.3 159.5	Jan. 26, 1960 Feb. 9, 1972 Feb. 11, 1974	N	N	Unused irrigation well; bedrock at 168? feet or 247 feet (lime) or 285 feet (lime); cased to 241 feet, open hole below. Estimated 680 gal/min in 1967; former Tex. Water Development Board water-level observation well; used as observation well in aquifer test on HL-47-17-317. 3/
1/ 202	Atlantic-Richfield Co.	Donahue	1952	250	18	QTsl, Pc?	3,666	54.0 62.4 63.5	June 10, 1954 Feb. 11, 1972 Feb. 11, 1974	T, 70	N	Unused irrigation well; cased to 250 feet, perforated 89-94 feet; 70 feet 8-inch column pipe. Estimated 1,000 gal/min in 1960; 43 gal/min/ft specific capacity measured in 1960; Tex. Water Devel. Board water-level observation well. 2/

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ FD-47-17-203	Atlantic-Richfield Co.	W. L. Stratton	1958	500	16	Pc	3,732	119.4 123.8 127.3	Jan. 26, 1960 Feb. 10, 1972 Feb. 11, 1974	S, E, 3/4	N	Unused domestic well; bedrock at 59? feet; limestone at 250 feet; cased to 500 feet, perforated 250-500? feet. Reported 2,450 gal/min and 38 gal/min/ft specific capacity in 1959, gamma-ray log, logger probe reached bottom at 465 feet. Tex. Water Devel. Board water-level observation well. 3/
1/ 204	West Texas Production Credit Assoc.	C. R. Bramblett	1958	890	18	Pc	3,697	86.0 98.1	Jan. 26, 1960 Feb. 11, 1972	T, 100	N	Unused irrigation well; bedrock (limestone) at 62 ft; cased to 62 feet, open hole below; 250 feet 8-inch column pipe. Estimated 790 gal/min in 1965, 6.5 gal/min/ft specific capacity estimated in 1960. 3/
205	Atlantic Richfield Co.	C. E. Millian	1951	310	16, 14	Pc	3,689	71.9 84.3 85.1	June 10, 1954 Feb. 11, 1972 Feb. 11, 1974	T, 75	N	Unused irrigation well; bedrock (limestone) at 193 feet; cased to 300 feet; 130 feet 8-inch column pipe. Reported 400 gal/min in 1959; partial driller's log. Tex. Water Development Board water-level observation well. 3/
1/ 206	West Texas Production	C. E. Harris	1956	750	18	Pc	3,699	86.0 99.6 101.1	Jan. 26, 1960 Feb. 11, 1972 Feb. 11, 1974	N	N	Unused irrigation well; bedrock (limestone) at 121 feet; cased to 122 feet, perforated 0-122 feet, open hole below; 220 feet 10-inch column pipe. Estimated 470 gal/min in 1966 and 7.7 gal/min/ft specific capacity reported in 1956. Tex. Water Development Board water-level observation well. 3/
1/ 207	Atlantic Richfield Co.	W. L. Stratton	1957	600	14	Pc	3,680	75.2 81.3	Nov. 17, 1959 Feb. 11, 1972	S	N	Unused irrigation and domestic well; bedrock (limestone) at 259 feet; cased to 280 feet, open hole below; 8-inch column pipe to 90 feet. Reported 250 gal/min in 1959; driller's and gamma-ray logs, logger probe reached bottom at 535 feet. Former Tex. Water Development Board water-level observation well. 3/
1/ 208	West Texas Production Credit Assoc.	C. R. Bramblett	1962	1,686	16	Pc	3,703	106.1 103.7	Apr. 5, 1965 Feb. 11, 1972	T, 100	N	Unused irrigation well; bedrock (limestone) at 145 feet; cased to 146 feet, open hole below. Reported 2,000 gal/min and 12 gal/min/ft specific capacity in 1965. Electrical and gamma-ray logs to 1,030 ft. 3/
209	Amarex, Inc.	--	1964,	395	12	Pc?	3,737	138R	1964	T	N	Unused irrigation well.
211	West Texas Production Credit Assoc.	--	--	381	18	Pc?	3,712	112.2 113.8	Feb. 11, 1972 Feb. 11, 1974	N	N	Unused test well(?). Gamma-ray log, probe reached bottom at 381 feet.
213	Atlantic Richfield Co.	Pure Oil Co.	1948	1,430	--	--	3,640	--	--	N	N	Pure Oil Co. Merritt no. 1, core test no. 3 Hudspeth County, approximate location; bedrock (dolomite) at 1,342 feet, sample and electric logs.
214	West Texas Production Credit Assoc.	--	--	260	16	--	3,703	104.0	Feb. 11, 1972	--	--	Unused test well(?); gamma-ray log, probe reached bottom at 260 feet.
215	--	--	--	--	--	--	3,660	53.7	Feb. 10, 1972	S	N	Unused domestic well.
216	Atlantic Richfield Co.	--	--	--	--	--	3,730	137.1	Feb. 11, 1972	S, E	D	Field specific conductance 1,620 umho/cm.
217	Wesley West	--	--	47	6	Qal	3,637	32.6	Mar. 29, 1972	C	N	"Soda" well, unused stock well.
1/ 218	--	--	1962	350	16, 12	QTal, Pc?	3,667	59.2 61.0 62.2	Jan. 23, 1964 Feb. 10, 1972 Feb. 12, 1974	T, 150	N	Formerly State well no. 47-17-501. Unused irrigation well; cased to 350 feet, perforated 50-120 feet, 160-180 feet, 240-270 feet, and 310-320 feet. Reported 1,300 gal/min and 16 gal/min/ft specific capacity in 1963. Tex. Water Development Board water-level observation well.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ HL-47-17-301	Atlantic Richfield Co.	Cunningham	1953	385	18	Pc	3,754	154.1 158.8 157.8	Mar. 22, 1960 Feb. 9, 1972 Feb. 26, 1973	T, Ng, 200	Irr	North well of three closely spaced irrigation wells; cased to 268 feet, open hole below, perforated 155-157, 219-224 feet; 210 feet 14-inch column pipe. Roughly estimated 6,650 gal/min in 1965; former Texas Water Development Board water-level observation well.
1/ 302	do	W. L. Stratton	1959	377	16	Pc	3,754	149.8 159.2 167.9 161.1	Jan. 26, 1960 Feb. 9, 1972 Sept. 7, 1972 Feb. 11, 1974	T	N	Middle of three closely spaced irrigation wells; bedrock at 30? feet, limestone at 224 feet; cased to 229 feet, open hole below, perforated 160-169 feet; 170 feet 10-inch column pipe. Estimated 2,100 gal/min in 1967; Texas Water Development Board water-level observation well. 2/ 3/
1/ 303	do	do	1958	377	16	Pc	3,754	150.7 159.1 167.4	Nov. 17, 1959 Feb. 9, 1972 Sept. 7, 1972	T	N	South well of three closely spaced irrigation wells; bedrock at 140? feet, limestone at 217 feet; cased to 222 feet, open hole below, perforated 160-184 feet, 195-204 feet; 180 feet 12-inch column pipe. Estimated 2,200 gal/min in 1965, 2,000 gal/min estimated in 1973. 3/
1/ 304	Amarex, Inc.	do	1964	450	16	Pc	3,802	197.1 200.7 202.6	Apr. 7, 1965 Feb. 9, 1972 Feb. 11, 1974	S, E	S	Irrigation well used for stock; limestone at 120 ft; cased to 200 feet (from electric log), open hole below. Reported 900 gal/min in 1965; electric logs; two gamma-ray logs, probe reached bottom at 436 feet. Texas Water Development Board water-level observation well. 2/
306	do	--	--	245	N	--	3,790	--	--	N	N	Destroyed test hole, approximate location; limestone at 20 feet.
1/ 307	do	W. L. Stratton	1964	--	20	Pc	3,788	183.9 187.4	Apr. 6, 1965 Feb. 9, 1972	T	N	Unused irrigation well; cased to 269 feet; gamma-ray log, probe reached bottom at 420 feet.
308	do	--	--	290	N	--	3,762	--	--	N	N	Destroyed test hole, approximate location; limestone at 180 feet.
309	do	--	--	360	N	--	3,690	--	--	N	N	Destroyed test hole, approximate location; no limestone encountered.
310	do	--	--	400	N	--	3,710	--	--	N	N	Do.
311	do	--	--	140	N	--	3,770	--	--	N	N	Destroyed test hole, approximate location; limestone at 90 feet.
1/ 312	do	-- & Continental Geophysical Company	old & 1965	480	N	Pc	3,865	231.8	May 10, 1965	N	N	Old 260- or 280-foot well deepened as a test hole and destroyed, approximate location; limestone estimated at 175-180 feet; sample, electric, and gamma-ray logs, probe reached bottom at 277 feet.
1/ 313	do	Continental Geophysical Company	1965	480	N	Pbcd?	3,810	194.5	do	N	N	Destroyed test hole, approximate location; shallow bedrock, no limestone encountered; sample, electric, and gamma-ray logs, probe reached bottom at 453 feet.
1/ 314	do	do	1965	360	N	Pbcd, Pc?	3,775	167.9	do	N	N	Destroyed test hole, approximate location; bedrock at 20? feet, limestone at 300 feet; sample and gamma-ray logs, probe reached bottom at 310 feet. 3/
1/ 315	do	do	1965	280	N	Pc	3,780	179.7	May 15, 1965	N	N	Destroyed test hole, approximate location; shallow bedrock (?), limestone at 120 feet; sample and gamma-ray logs, probe reached bottom at 274 feet.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
HL-47-17-316	Amarex, Inc.	--	1965	1,073	10	--	3,780	--	--	N	N	Destroyed test hole, approximate location; cased to 118 feet; shallow bedrock(?), limestone at 120? feet. Electric, gamma-ray and neutron, and acoustic velocity logs, probe reached bottom at 1,046 feet.
1/ 317	do	Fireball Irrigation, Inc.	1965	600	18, 16	Pc	3,762	163.3 162.6 165.4	Oct. 28, 1965 Feb. 26, 1973 Feb. 11, 1974	T, Ng	Irr	Bedrock (limestone) at 220 feet; cased to 530 feet, open hole below, perforated 492-530 feet; 370 feet 12-inch column pipe. Reported 2,000 gal/min and 58 gal/min/ft specific capacity in 1965; aquifer test, sample log; Texas Water Development Board water-level observation well. 3/
318	do	--	--	--	--	--	3,777	178.1 179.8	Feb. 9, 1972 Feb. 11, 1974	T, 125	N	Unused irrigation well; may be well drilled in 1967 to 738 feet with limestone at 689 feet and a reported yield of 3,500 gal/min; 10-inch discharge pipe.
319	do	--	--	--	6	--	3,801	196.2	Feb. 9, 1972	C	N	"Black John" well, unused stock well.
1/ 320	Six-Bar Cattle Co.	K. C. Wheeler, High Plains Drilling Co., & H. E. Stanton	1971	1,170	16	Pbcd, Pc?	3,870	267.0 270.7	Feb. 27, 1973 Feb. 12, 1974	N	N	East well of two unused irrigation wells; shallow bedrock(?), limestone at 420 and 550 feet; cased to 580 feet, open hole below. Reported 230 gal/min and 1.5 gal/min/ft specific capacity in 1971; sample log.
1/ 321	do	H. E. Stanton	1971	1,120	16	Pbcd, Pc?	3,862	267.1	May 17, 1972	N	N	West well of two unused irrigation wells; shallow bedrock(?), limestone at 520? feet; cased to 548 ft, open hole below. Reported 1,600 gal/min and 200 gal/min/ft specific capacity in 1971; sample, gamma-ray, and neutron logs.
322	do	--	1960	600	7	Pbcd	3,847	252.7	do	N	N	Unused stock well; shallow bedrock; cased to 253 feet. 3/
1/ 601	G. L. Bronson	--	--	200	16	QTal, Pbcd?	3,722	122.2 123.5 97.6	Jan. 26, 1960 Feb. 10, 1972 Feb. 12, 1974	N	N	North well of two unused irrigation wells, drilling rig abandoned over well (during deepening?); cased to 200 feet. Reported 1,000 gal/min and 20-25 gal/min/ft in 1959; gamma-ray log, probe reached soft bottom at 176 feet; 1974 water level may be the result of material being dropped in well. Texas Water Development Board water-level observation well.
1/ 602	do	--	--	200	16	QTal, Pbcd?	3,706	102.6 110.5 111.8	Feb. 7, 1961 Feb. 10, 1972 Feb. 12, 1974	T, 50	N	Unused irrigation well; cased to 200 feet, 182 feet 10-inch column pipe; estimated 410 gal/min and 8.5 gal/min/ft specific capacity in 1960.
604	do	--	--	--	16	QTal, Pbcd?	3,722	135.0 127.8	Feb. 10, 1972 Feb. 12, 1974	T	N	South well of two unused irrigation wells; gamma-ray log, probe reached soft bottom at 158 feet.
1/ PD-47-17-605	Amarex, Inc.	--	--	--	--	QTal	3,639	29.1	do	C, W	S	Probably about 50-55 feet deep, based on sounding with a weighted tape.
606	do	--	--	--	--	--	3,697	97.3	Feb. 10, 1972	C	N	"Hardluck" well, unused stock well.
607	do	North American Royalties Inc.	1972	1,750	10	Pbcd, Pbs?	3,890	--	--	C, W	S	Oil test, North American Royalties, Inc., Potter no. 1, drilled to 5,400 feet and plugged at 1,750 feet for a water well; cased to 1,135 feet, open hole below; water-bearing zones reported at 530, 546, 618, 635, 886, 1,180, 4,332, and 4,357 feet; water level 306.9 feet while pumping 2-3 gal/min; field specific conductance, 1,800 umho/cm.
1/ 902	do	--	--	--	5	--	3,636	--	--	C, W	S	--

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ HL-47-17-903	Amarex, Inc.	--	1965	450	15	QTal, Pbcd?	3,736	114.1 124.9 123.0	May 8, 1965 Feb. 10, 1972 Feb. 12, 1974	N	N	Formerly State well no. HL-47-18-701, unused irrigation well; cased to 450 feet. Estimated 1,280 gal/min and 9 gal/min/ft specific capacity in 1965; aquifer-test data; gamma-ray log, probe reached bottom at 408 feet. Texas Water Development Board water-level observation well. 2/
904	do	Fireball Irrigation Inc.	1966	400	16	QTal, Pbcd?	3,748	140.4	Apr. 26, 1973	N	N	Formerly State well no. HL-47-18-704, unused irrigation well; cased and perforated to 400 feet, partially gravel packed. Reported 1,500 gal/min and 16 gal/min/ft specific capacity; partial sample log for this well indicates total depth 985 feet or more?
1/ 18-101	Six-Bar Cattle Co.	--	1930's	500?	--	Pbcd	3,940	--	--	C, E	N	Unused domestic and stock well.
1/ 201	do	--	--	750	--	Pbcd	4,337	--	--	S, E	S	"Rock Tank" well; field specific conductance 1,580 umho/cm in 1972; 50 feet of water reported in well in 1971.
1/ 301	do	--	--	1,185	--	Pbcd	4,610	--	--	S, E	S	"Canyon Mill" well; 60 feet of water reported in well in 1971.
1/ 401	Amarex, Inc.	--	--	--	--	--	3,866	--	--	C, W	N	Unused stock well.
1/ 402	Six-Bar Cattle Co.	Paul Gooden	1970	1,200	12	Pbcd	3,945	357R	Nov. 23, 1971	S, E	D	Cased to 600 feet, open hole below; 280 gal/min and 2.7 gal/min/ft specific capacity reported from production test. Pumps about 35 gal/min; field specific conductance 1,450 umho/cm in 1972.
404	Amarex, Inc.	--	--	--	16	QTal, Pbcd?	3,825	223.7 225.3	Feb. 11, 1972 Feb. 12, 1974	N	N	Unused irrigation well; gamma-ray log, probe reached bottom at 580 feet.
1/ 705	do	Fireball Irrigation Inc.	1966	600	16	QTal, Pbcd?	3,762	162.7	Feb. 10, 1972	C, W	S	Irrigation well equipped with a windmill for stock supply. Cased to 600 feet and perforated. Reported 1,500 gal/min and 16 gal/min/ft specific capacity in 1966; sample log indicates total depth 535? feet.
1/ 706	do	do	1966	400	16	QTal, Pbcd?	3,774	171.8	Feb. 10, 1972	N	N	Unused irrigation well; cased to 400 feet, perforated and gravel packed. Reported 1,500 gal/min and 16 gal/min/ft specific capacity in 1966; partial sample log indicates drilled to 600? feet; gamma-ray log, probe reached bottom at 342 feet.
707	do	--	--	--	16	QTal, Pbcd?	3,785	185.4 181.3	do Feb. 12, 1974	N	N	Unused irrigation well; gamma-ray log, probe reached bottom at 404 feet.
801	--	--	--	--	8	--	3,915	--	--	N	N	Unused stock well; gamma-ray log, probe reached bottom at 323 feet; water at bottom of hole 3-31-72.
1/ 901	H. H. Norman & J. N. Demeret	--	1957 & 1973	820	12, 10, 8	Pbcd?	4,300	698R	1960	S, G	D, S	Formerly supply for SPNG "Borders Ranch", originally 751 feet deep, deepened in 1973; cased to 751 feet, perforated 731-751 feet prior to redrilling. Reported 50 gal/min in 1960. 3/
FD-47-25-401	Wesley West	--	--	72	8	QTal	3,650	48.0	Mar. 29, 1972	C	N	"Cureton" windmill, unused, poor water quality reported.
1/ 801	do	--	--	457	--	Pbsvp?	3,953	351R	1965	S, E	S	"Fenceline" well.
802	do	--	--	--	4	QTal?	3,755	144.1	Mar. 28, 1972	N	N	Unused stock well, approximate location; tape reached bottom at 150? feet.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
HL-47-25-901	Wesley West	--	--	459	5	Pz	4,038	442R	1965	C	N	South of two wells called "Apache" wells; good water quality reported.
903	do	--	1972	566	--	Pz	4,067	480R	1972	C, W	S	Field specific conductance of water in tank, 2,650 umho/cm.
1/ 26-101	do	--	--	--	--	QTal	3,636	--	--	C, W	S	"Wimberley" windmill; tape reached bottom at 80? feet; water level about 34 feet while pumping 1-5 gal/min.
1/ 102	do	--	--	116	6	QTal	3,683	80.4	Mar. 30, 1972	C, W	S	"Aeromotor" or "West" windmill.
1/ 701	do	--	--	104	7	QTal	3,674	87.5	Feb. 27, 1973	C, W	S	"Sixmile East" well, two abandoned windmills just to the west.
1/ 901	W. B. Blakemore	--	--	200	3	QTal	3,786	201.8	May 3, 1972	C, W	S	"Sand" well.
27-401	W. T. Posey	--	--	440	--	Pbed	3,995	375R	1972	C, G	S	"Roberts Camp" well; field specific conductance of water from tank 5,200 umho/cm.
33-301	Figure 2 Ranch	--	--	286	7	Pz	3,832	237R	Mar. 30, 1972	C, G	S	--
34-101	do	--	old	--	6	QTal	3,593	14.2 16.3	June 14, 1950 May 18, 1972	C, W	S	--
1/ 102	do	--	old	49	6	Qal	3,638	49.6	Nov. 30, 1972	C, W	S	Called "Stevens" well.
1/ 103	do	--	--	92	6	QTal	3,655	73R	1965	C, W	S	Owner's "house" well.
104	do	--	--	--	8	QTal	3,655	76.6	May 29, 1972	S, E	S	--
105	do	--	1972	210	5	QTal	3,678	99.8	Feb. 27, 1973	N	N	--
201	Corn Ranch	--	--	103	--	QTal	3,640	46.4	May 3, 1972	C, W	S	--
1/ 301	do	--	--	--	--	QTal	3,719	149.6	May 2, 1972	C, W	S	Water is very hard and gyppy.
401	Figure 2 Ranch	--	--	182	--	QTal	3,681	104R	1965	S, E	D, S	Called "Snake" well; specific conductance, field test, 1,230 umho/cm.
601	Corn Ranch	Texaco, Inc. (Capitan Drilling Co.)	1966	5,060	--	--	3,682	--	--	--	--	Oil test, Texaco Inc. Culberson "O" Fee no. 1; sample and drill-time logs, bedrock estimated at 750 feet.
602	do	Capitan Drilling Co.	1966	304	6	QTal	3,682	95.6	Apr. 21, 1972	N	N	Supplied water for drilling oil test HL-47-34-601. Reported water sands at 135-138 feet (gyppy) and 270-300 feet.
701	do	--	--	160	6	QTal	3,716	146.2	May 3, 1972	N	N	Called "Five-mile" well.
1/ 702	do	--	--	--	--	QTal	3,716	--	--	S, E	S	Do.
1/ 703	do	U.S. Geological Survey	1973	13	--	Qal	3,568	8.4	Nov. 28, 1973	N	N	Auger hole on west side of Salt Flat. Bailed sample of water 11-28-73. Strong hydrogen sulfide odor. Located 0.6 mile south of lowest point in Salt Basin (3,564 feet).
1/ 901	do	--	old	128	6	QTal	3,684	68.3 69.6	Apr. 21, 1972 Dec. 18, 1972	C, W	S	Called "Brush" well; water level 95 feet, pumping 3 gal/min 6-6-50. Ten-foot mill, 110 feet 3-inch column pipe.
1/ 35-101	do	--	--	--	6	QTal	3,790	--	--	C, W	S	Called "John's" well.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ HL-47-35-501	Corn Ranch	--	--	--	6	Pbcd	3,950	--	--	C, W	S	Called "Ocotillo" well.
1/ 701	do	--	old	140	5	QTal	3,696	101.8 99.6	June 6, 1950 Dec. 19, 1972	C, W	S	Called "Samson" well. Water level 108 feet, pumping 1-3 gal/min 4-21-72.
42-201	do	U.S. Geological Survey	1973	30	--	Qal	3,587	23.4	May 23, 1973	N	N	Bored. Seismic shot hole. Loamy brown soil to 5 feet, gypsiferous caliche 5-30 feet, hole damp below 10 feet.
401	do	B. R. Richardson	1969	149	7	P?	3,700	129R 130.2	1969 Dec. 19, 1972	C, E 1-1/2	D, S	"Headquarters" well. Reported sand, gravel and rock to 90 feet, broken lime rock 90-98 feet. Lime bed rock 98-142 feet, crevice with gravel and basal (fault zone?) 142-149 feet. 3/
701	W. S. Houston, et al	--	1964	--	6	QTal,P?	3,806	240.5	Dec. 20, 1972	S, E, I	S	--
901	Corn Ranch	--	--	500	5	P	3,878	328.2	do	C, W	N	Called "Bull" well. Set 385 feet 2-1/2-inch column pipe.
1/ 43-101	do	--	old	130	6	QTal	3,674	60.0 59.9	Mar. 30, 1972 Dec. 19, 1972	C, W	S	Owner's "Brush" well. Water is hard and gyppy.
201	J. H. Johnson Est.	--	old	280	5	QTal, Pbcd	3,820	248.75 255.26	June 30, 1950 Mar. 30, 1972	C, W, S	--	Called "Stark North" well. Former Texas Water Development Board water-level observation well.
1/ 202	Daniel Floek	--	1953	550	16	QTal, Pbcd	3,784	223.54 234.45 242.45	Jan. 21, 1954 Jan. 24, 1964 Dec. 12, 1972	T, G	Irr	Formerly State well no. HL-47-43-3D1; Texas Water Development Board water-level observation well. 2/
203	do	--	1955	300	16	QTal,	3,762	194.45 211.23	Jan. 23, 1956 Dec. 12, 1972	N	N	--
501	F. A. Davis	Wesley West & Armour	1959	8,202	--	--	3,690	--	--	--	--	Oil test, W. West and Armour Davis no. 1 (reported top of Permian Guadalupe at 1,230 feet). Electric log shows high resistivity.
502	Daniel Floek	--	old	190	6	QTal	3,720	154.02 154.58	Jan. 29, 1953 Dec. 4, 1972	C, W	N	Interval (reef limestone) 1,650-2,320 feet; sonic, gamma-ray and sample logs; unused stock well. Texas Water Development Board water-level observation well.
1/ 503	do	Stratton & Foster	1956	578	14	Pbcd	3,874	251.1	Mar. 30, 1972	T, G	Irr	Drilled to 290 feet by Stratton in 1956. Deepened to 578 feet by Foster in 1967. Set 350 feet 8-inch column pipe. Reported drawdown of 83 feet, pumping 550 gal/min for 36 hours in 1967. 3/
1/ 601	Myrtle R. Rosch Est.	--	--	350	6	Pc?	3,835	285.0 298.8 300.3	Jan. 19, 1956 Jan. 17, 1971 Dec. 4, 1972	C, W	S	Owner's "Myrtle" well.
1/ 701	Watson Ranch	--	old	173	5	QTal	3,687	131.31 143.56 143.25	Jan. 29, 1953 Dec. 8, 1971 Mar. 6, 1972	C, W	S	"Watson" well. Texas Water Development Board water-level observation well. Discharged 1-1/2 gal/min 3-6-72. 2/
702	do	--	old	160	6	QTal	3,665	117.8	Dec. 19, 1972	C, W	S	"Hammet" well.
801	do	--	--	195	5	QTal	3,698	137.92 139.69 141.57	Jan. 29, 1953 Jan. 6, 1963 Dec. 12, 1972	C, W	S	Called "Lower Bean" well. Texas Water Development Board water-level observation well. Specific conductance, field test, 3,800 umho/cm.
802	do	--	--	--	14	QTal	3,689	142.35 141.69 141.36	Jan. 23, 1970 Dec. 8, 1971 Dec. 4, 1972	F, G	S	Texas Water Development Board water-level observation well.

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Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
HL-47-44-701	Elcor Chemical Corp.	--	1968	468	6	Pc	3,887	353.0 350.9 353.2	Nov. 24, 1970 Feb. 17, 1971 Mar. 6, 1972	C, W	S	"Road" well. Pumping level 354.1 feet, discharging 2-1/2 gal/min, 3-6-72.
702	Myrtle R. Rosch Est.	L. W. Stratton	1945	550	6	Pc	3,997	482R 525R	1945 1970	C, W	S	"Deep" well; bedrock reported at 4 feet. Discharged 3-1/2 gal/min 3-6-72. Specific conductance, field test, 4,500 umho/cm. 3/
51-101	Watson Ranch	--	old	210	6	QTal	3,706	156.26 161.50 168.72	Jan. 29, 1953 Feb. 8, 1961 Dec. 12, 1972	C, W	S	--
1/ 301	Myrtle R. Rosch Est.	--	--	150	5	QTal	3,674	80R	1971	C, W	S	"Lower" well. At old Durrill line camp.
401	Watson Ranch	--	old	--	6	QTal	3,760	207.77 220.09 231.00	Jan. 29, 1953 Feb. 6, 1963 Mar. 29, 1972	C, W	D, S	"Headquarters" well. Specific conductance, field test, 1,280 umho/cm.
402	D. V. & D. W. St. Clair	--	1957	525	14	QTal	3,722	--	--	T, Ng	Irr	--
1/ 501	Pansy D. Clegg	--	--	187	5	QTal	3,702	151.56 159.60 168.90	May 11, 1950 Jan. 28, 1960 Dec. 13, 1972	C, W	S	"Medley Double" wells. Texas Water Development Board water-level observation well. Discharging 3 gal/min 12-13-72. 2/
1/ 502	do	R. A. Foster	1963	302	6	QTal	3,687	137.8 139.0	Feb. 11, 1971 Apr. 12, 1972	C, W	S	"Wildhorse Creek" well. Casing, 8-inch to 184 feet, 6-5/8-inch liner to 302 feet, slotted 184-302 feet. Set 150 feet 2-1/2-inch column pipe. Discharging 3-1/2 gal/min 3-12-72. 3/
503	State (U.S.)	Stratton & Foster	1945	404	14	QTal	3,713	--	--	N	N	Reported first irrigation well drilled in Wildhorse area. Tested at 750 gal/min when drilled. Pumped an estimated 200 gal/min in 1952. Had obstruction above water level in 1972.
1/ 601	Beulah D. Espy	--	1940's	200	5	QTal	3,702	158.0	Feb. 17, 1971	C, W, G	S	"North" well.
602	do	Elcor Chemical Corp.	1968	179	6	QTal	3,710	165.6 165.8	Feb. 16, 1971 Apr. 12, 1972	C, G	S	Casing, 6-1/2-inch to 160 feet. Open hole 160-179 feet. Set 160 feet 2-1/2-inch column pipe.
1/ 701	Wildhorse Farms	Earl Fisher	1960	955	16	QTal	3,732	200.8	Dec. 12, 1972	T, Ng	Irr	Owner's well no. 15. Casing slotted 302-950 feet, gravel packed. Reported pumping levels of 248 and 310 feet, discharging 1,250 and 2,100 gal/min, respectively, when drilled. Measured discharges, 1,090 gal/min 7-18-67, 980 gal/min 4-30-68, and 1,550 gal/min 3-21-72. 3/

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ HL-47-51-702	Wildhorse Farms	Earl Fisher	1959	1,045	16	QTal	3,739	188	Aug. 5, 1960	T, Ng	Irr	Owner's well no. 7, gravel packed. Set 320 feet 12-inch column pipe. Reported drawdown of 53 feet, pumping 2,800 gal/min for 24 hours in 1959. Discharged 1,430 gal/min 4-19-73.
703	C. D. Hunter	--	1949	500	16	QTal	3,753	194.96 211.20 218.00	July 16, 1949 Feb. 9, 1961 Dec. 11, 1972	T, N	N	Former Texas Water Development Board water-level observation well. 3/
1/ 704	Wildhorse Farms	--	--	450?	16	QTal	3,732	179.05 199.15	Jan. 27, 1953 Jan. 28, 1970	T, Ng	Irr	Owner's well no. 5. Discharged 1,880 gal/min 3-28-72, and 1,700 gal/min 4-19-73. Texas Water Development Board water-level observation well.
1/ 705	do	R. A. Foster	--	525	16	QTal	3,749	238.3	Mar. 27, 1972	T, N	N	Owner's well no. 26.
706	A. J. Schneider Trust	--	--	500	14	QTal	3,740	200.0 201.64 201.63	Jan. 19, 1967 Oct. 4, 1972 Mar. 9, 1973	N	N	Drilled for irrigation. Reported 16-inch casing collapsed. Installed 14-inch liner. Tested at 300 gal/min and abandoned. Texas Water Development Board water-level observation well.
1/ 707	D. V. & D. W. St. Clair	--	1952	476	16	QTal	3,730	177.78 192.4 197.33	Jan. 27, 1953 Feb. 16, 1966 Dec. 12, 1972	N	N	Formerly State well no. HL-47-51-403. Discharged 1,880 gal/min 8-10-66; gamma-ray log; reported well was abandoned after water became salty. Texas Water Development Board water-level observation well.
1/ 708	Wildhorse Farms	Earl Fisher	1960	600	16	QTal	3,751	200R 216.0	May 12, 1960 Mar. 28, 1972	T, N	N	Owner's well no. 6. Discharged 540 gal/min 7-18-67. 3/
1/ 709	do	--	--	240	14	QTal	3,744	194.94 211.05 213.65	Jan. 27, 1953 Jan. 16, 1968 Dec. 13, 1972	N	N	Owner's well no. 27. Texas Water Development Board water-level observation well.
1/ 710	do	Earl Fisher	1960	746	16	QTal, Kc?	3,751	213.6 215.2	Mar. 28, 1972 Nov. 12, 1972	N	N	Formerly State well no. HL-47-51-402; owner's well no. 9, drilled to 1,096 feet. Log shows shale, sand, and gravel to 696 feet; gravel, boulders, and white hard sand 696-722 feet; lime, gypsum, and conglomerate 722-1,096 feet. Set 746 feet of casing with 450 feet of slots. Measured discharge, 1,880 gal/min 8-10-66, 1,550 gal/min 7-10-67, and 1,670 gal/min 8-8-68. 3/
711	A. J. Schneider Trust	--	--	--	14	QTal	3,743	231.5 229.4	Mar. 28, 1972 Dec. 21, 1972	T, Ng	Irr	Discharged 750 gal/min 4-19-73.
1/ 712	do	--	--	--	14	QTal	3,742	211.8	do	T, Ng	Irr	Measured discharge, 647 gal/min 7-13-67, 840 gal/min 3-28-72, and 830 gal/min 4-19-73.
713	Jess Tabor	Fred Scroggins	1953	450	16	QTal	3,751	230.5	Mar. 28, 1972	T, Ng	Irr	Casing slotted 425-450 feet. Set 280 feet 8-inch column pipe.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ HL-47-51-714	Wildhorse Farms	--	--	--	--	QTal	3,722	189.0	Mar. 27, 1972	T, Ng	Irr	--
1/ 801	do	--	--	400	16	QTal	3,718	167.05 184.87 194.02	Jan. 27, 1953 Feb. 6, 1963 Dec. 13, 1972	N	N	Owner's well no. 10. Texas Water Development Board water-level observation well.
1/ 802	J. E. Beasley	--	--	414	14	QTal	3,722	176.03 189.92 194.0	Jan. 21, 1954 Feb. 6, 1963 Dec. 13, 1972	T, Ng	Irr D, S	Set 300 feet 8-inch column pipe and six stages of 8-inch bowls. Measured discharge, 565 gal/min 8-10-66, 920 gal/min 8-13-68, and 540 gal/min 7-17-72. Texas Water Development Board water-level observation well.
1/ 803	do	--	--	384	16	QTal	3,725	171.84 186.56 191.62	Jan. 27, 1953 Feb. 6, 1963 Dec. 13, 1972	N	N	Texas Water Development Board water-level observation well.
1/ 804	Wildhorse Farms	--	--	450	16	QTal	3,731	178.84 198.03 208.24	Jan. 27, 1953 Jan. 24, 1964 Dec. 4, 1972	N	N	Owner's well no. 2. Texas Water Development Board water-level observation well. Measured discharges, 1,000 gal/min 8-10-66, 1,130 gal/min 7-11-67, and 820 gal/min 8-13-68.
1/ 805	do	--	--	--	14	QTal	3,732	182.30 188.60	Jan. 23, 1956 Feb. 8, 1961	N	N	Former Texas Water Development Board water-level observation well.
1/ 806	M. O. Webb	--	1958	457	16	QTal	3,737	217.15 221.25	Jan. 19, 1967 Feb. 12, 1971	T, Ng	Irr	Measured discharge, 1,470 gal/min 8-10-66, 1,270 gal/min 7-18-67, 1,510 gal/min 8-13-68, and 1,060 gal/min 4-19-73. Texas Water Development Board water-level observation well.
807	do	Fred Scroggins	1957	498	16	QTal	3,730	185R 204.9 197.9	May 23, 1957 Mar. 27, 1972 Dec. 13, 1972	N	N	Casing slotted 253-498 feet; gamma-ray log; development test 5-23-57, drawdown of 48 feet, pumping an average of 1,170 gal/min for 18 hours. 3/
808	J. E. Beasley	--	--	400	14	QTal	3,726	192.6	do	T, Ng	Irr	Discharged 590 gal/min 4-12-72.
809	Wildhorse Farms	--	--	--	14	QTal	3,739	219.0	Mar. 27, 1972	T, Ng	Irr	Owner's well no. 28. Discharged 900 gal/min in 1967.
901	Tiny Smith Est.	--	--	--	16	QTal	3,744	189.93 209.59	Jan. 22, 1955 Dec. 13, 1972	N	N	Former Texas Water Development Board water-level observation well.
1/ 902	do	--	1951	500	16	QTal	3,754	199.9 220.80 223.38	Jan. 29, 1953 Feb. 6, 1963 Dec. 13, 1972	T, Ng	Irr, S	Used for stock water only in 1972. Measured discharge 235 gal/min 8-10-66, 274 gal/min 7-18-67, and 225 gal/min 7-13-68. Texas Water Development Board water-level observation well.
903	do	--	--	355	16	QTal	3,753	224.3 222.8	Apr. 12, 1972 Dec. 13, 1972	N	N	Unused irrigation well.
1/ 904	Mrs. Beulah Espy	--	1941	250	6	QTal	3,764	229.8	Feb. 11, 1971	C, W, E	D, S	--
905	do	West Texas Explor. Co.	1972	580	--	--	1,760	223	July 19, 1972	N	N	Test hole, Annesley no. 4. Driller's log indicates clay, sand, and gravel to 577 feet. White to pink fossiliferous, hard limestone 577-580 feet. 3/
906	do	do	1972	120	--	--	3,775	--	--	N	N	Test hole, Annesley no. 1. Driller's log indicates clay, sand, and gravel to 100 feet. Grey dense limestone 100-110 feet, white fossiliferous limestone 110-120 feet. Sample and gamma-ray logs. 3/
907	do	do	1972	755	--	--	3,754	--	--	N	N	Test hole, Annesley no. 5. Driller's log indicates clay, sand, and gravel to total depth, partial sample log. 3/

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
HL-47-52-101	C. G. Durrill Est.	--	1969	350	12	Pc	3,815	286.3 290.6	Nov. 24, 1970 Apr. 4, 1972	T, N	N	Drilled to supply water for construction of FM 2185.
102	Elcor Chemical Corp.	Continental Geophysical Co.	1966	200	--	--	3,840	--	--	N	N	Test hole, Elcor no. 1. Log shows soil, sand, and gravel to 55 feet; hard pink sandstone 55-200 feet. 3/
1/ 201	do	H. H. Virpau	1966	773	7	Pc	4,218	675R	Dec. 1966	S, E, 20	D, S	Log shows limestone from 1-773 feet. Casing perforated 733-773 feet. Water from porous zones 695-725 feet, 750-760 feet, and 765-773 feet. 3/
1/ 301	do	Woolfolk Engineering Co.	1968	1,713	18	Pc	4,548	1,008R 1,017R 1,014R 1,017R	June 1968 June 1969 Jan. 1970 Dec. 1973	S, E, 500	N	Owner's well no. 2. Drilled to 1,713 feet, set 18-inch casing to 1,163 feet and cemented with 5 yards. Acidified open hole from 1,163-1,722 feet with 20,000 gallons 28% HCl. Set 6-inch column pipe and 16 stages, 10-inch bowls at 1,168 feet. Development test by W. H. B. Pump Co., Midland, Texas, June 1968, drawdown of 82 feet, discharging 397 gal/min for 2-1/2 hours.
1/ 401	do	--	--	250	6	QTal	3,767	235.1	Apr. 4, 1972	C, W	S	Formerly supplied Jones Ranch headquarters.
402	do	Continental Geophysical Co.	1966	695	--	--	3,798	254R	Feb. 10, 1966	N	N	Test hole, Elcor no. 5. Log shows soil and caliche to 35 feet; sandy clay, sand and gravel, 35-375 feet; and tan to white limestone 375-695 feet. 3/
501	do	do	1966	442	--	--	3,782	236R	Feb. 11, 1966	N	N	Test hole, Elcor no. 2. Log shows soil and caliche to 20 feet; clay, sand and gravel, 20-400 feet; and tan limestone, 400-442 feet. 3/
601	do	Woolfolk Engineering Co.	1968	1,421	--	Pc	4,587	1,051R 1,043R 1,043R	Jan. 1968 June 1969 Dec. 1973	T, E, 500	N	Owner's well no. 1. Drilled 1,421 feet, set 18-inch casing to 1,266 feet. Open hole 1,266-1,421 feet. Acidified with 17,500 gallons 28% HCl. Reported main water zone is dolomite with calcite crystals and vugs having good porosity. Reported tested at 396 gal/min for 27 hours in Jan. 1968.
1/ 602	do	do	1968	1,560	18	Pc	4,594	1,062R 1,068R 1,068R	Mar. 1968 July 1968 Dec. 1973	S, E, 500	N	Owner's well no. 3. Drilled 20-inch hole to 1,250 feet. Set 1,241 feet 18-inch casing, drilled 17-inch hole to 1,303 feet and 12-1/2-inch from 1,303-1,560 feet. Acidified with 20,000 gallons of 28% HCl. Reported drawdown of 87.8 feet, pumping 1,100 gal/min for 27 hours July 26-27, 1968; partial sample log; aquifer test data.
801	do	--	1969	--	--	P	3,873	340.7 341.68 341.99	Oct. 5, 1970 Mar. 5, 1972 Jan. 8, 1973	T, G	S	Drilled to supply water for construction of FM 2185. Converted to stock well.
802	do	Continental Geophysical Co.	1966	655	--	--	3,791	275R	Mar. 2, 1966	N	N	Test hole, Elcor no. 6. Log shows silt, clay, sand, and gravel to 300 feet; and tan, crystalline dolomite from 300-655 feet. 3/
803	A. L. Stansberry	La Gloria Oil & Gas Co.	1956	3,255	--	--	3,830	--	--	--	--	Oil test, La Gloria Oil & Gas Co., A. L. Stansberry no. 1. Logs show alluvium to about 450 feet, and chert, lime, dolomite, and shale below; partial sample, gamma-ray, and neutron logs. 3/
1/ 53-401	J. B. Foster	Humble Oil & Refining	1944	--	6	Pc	5,060	1,520R 1,570R	1960 1970	P, E, 10	S	Humble Oil & Refining Co. Reynolds Cattle Co. no. 8-1. Drilled to 5,411 feet as oil test, plugged back and converted to water well. Bedrock (sandstone) at 90 feet. 3/
701	do	--	1953	915	7	Pc	4,430	906R	1960	G, W	S	--

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ PD-47-57-401	Tom Sawyer	--	1950's	257	10	QTal	4,526	106.1	Oct. 7, 1972	C, E, 3/4	D, S	Discharged 6 gal/min 10-6-72.
402	do	--	old	--	4	Pe	4,673	--	--	C, W	S	Discharged 3 gal/min 10-4-72. Reported dependable supply and good quality.
403	do	--	1948	110	6	QTal	4,526	106.2	Oct. 7, 1972	N	N	Well caved at 110 feet.
501	H. B. Mann	--	1940's	400	6	Pe	4,521	75.0	Nov. 28, 1972	C, W	S	--
502	Tom Sawyer	--	1940's	80	8	Pe	4,598	19.0	Dec. 14, 1972	C, W	S	Pumping 2-3 gal/min 12-14-72. Specific conductance, field test 550 umho/cm.
1/ 701	do	--	1940's	--	7	QTal	4,470	48.5	Oct. 4, 1972	C, C	D, S	Pumping 4 gal/min 10-4-72.
702	do	--	1940's	84	10	QTal	4,472	46.3	do	C, W	S	Pumping 2 gal/min 10-4-72.
703	do	--	1940's	180	6	Pe	4,560	47.7	do	C, W	D, S	Pumping 2 gal/min 10-4-72.
801	do	--	1940's	160	6	Pe	4,578	29.9	do	C, W	S	Pumping 2 gal/min 10-4-72.
802	do	--	1890's	6	6	Pe	4,623	F	Oct. 5, 1972	C, W	S	Called "Sammons Spring" well. Flowing an estimated 4 gal/min over top of casing 10-5-72. Total flow from well and nearby seeps 32 gal/min.
803	Mrs. H. B. Mann	--	1940's	335	6	Pe	4,380	51.4	Nov. 29, 1972	C, W	S	--
HL-47-57-901	do	--	1942	625	5	QTal	4,142	500+	Nov. 17, 1972	S, E, 3	D, S	Discharging 12-15 gal/min in 1972. Specific conductance, field test 800 umho/cm. Temperature 82°F, 28°C.
PD-47-57-902	do	--	1940	200	6	Qal, Pe	4,364	40.7	Nov. 28, 1972	C, W	S	Called "Palo Blanco" well. Pumping 5 gal/min 11-28-72. Specific conductance, field test 700 umho/cm.
HL-47-57-903	Texas Highway Dept.	--	1936	80	48	Pe	4,325	69.6 70.2	July 30, 1943 Dec. 12, 1972	N	N	Originally mine shaft; dug hole 4-feet in diameter to 80 feet. Converted to water well. Set 36-inch casing to 12 feet, open hole 12-80 feet. Supplied water for roadside park. Not used in 1972.
1/ 904	W. R. McVay	--	1930's	87	6	Pe	4,260	37.2	Dec. 13, 1972	C, W	S	Pumping 3 gal/min 12-13-72.
58-301	Howard C. Chapman	Wheeler Cass	1960	904	16	QTal	3,833	284.1 291.1 292.7	Feb. 9, 1961 June 5, 1970 Dec. 20, 1972	N	N	Owner's well no. 5. Set 16-inch blank casing to 700 feet and 12-inch slotted casing 700-904 feet. Log shows alluvium to total depth. 3/
302	do	Ralph Bradley	1960	722	14	QTal	3,894	355.6	Mar. 9, 1972	T, G	S	Owner's well no. 2. Drilled for irrigation--used only for stock supply in 1972. Drilled 20-inch hole to 722 feet. Set 14-inch casing with 252 feet of perforation. Gravel packed. 3/
303	do	do	1960	740	14	QTal	3,880	339.6	do	N	N	Owner's well no. 3. Perforated 290 feet of casing. 3/
304	do	do	1960	700	14	QTal	3,870	328.1	do	N	N	Owner's well no. 4. Perforated 250 feet of casing. 3/
501	City of Van Horn	L. W. Stratton	1958	600	12	QTal	4,045	472R	1958	N	N	Old city well no. 3. Casing collapsed. Well was abandoned in 1970. 3/
502	do	R. A. Foster	1970	603	12	QTal	4,045	--	--	T, E, 100	P	New city well no. 3 (courthouse well). Set and cemented 24-inch casing to 50 feet, set 12-3/4-inch to 603 feet. Slotted 503-603 feet, gravel packed. Reported 85 feet of drawdown pumping 450 gal/min for 24 hours in 1970. 3/

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
HL-47-58-503	City of Van Horn	--	1931	602	12	QTal	4,055	490R 504.8	May 1944 Oct. 4, 1973	S, E	P	City well no. 1 (office well). Casing slotted 524-589 feet. Reported drawdown of 23 feet, pumping 172 gal/min in 1973; aquifer test data.
504	do	Layne Texas Co.	1948	588	12	QTal	4,058	490R 505.6	Aug. 1948 Oct. 3, 1973	N	N	Old city well no. 2 (Thrift well), drilled to 625 feet. Set 12-3/4-inch casing to 496 feet and cemented with 250 sacks. Set 10-3/4-inch from 471-588 feet, slotted 497-588 feet. Reported pumped 130 gal/min in 1972. Pump pulled and abandoned in 1972. Replaced by well HL-47-58-506 60 feet SE in 1973. Measured drawdown of 2.5 feet with well HL-47-58-506 pumping 500 gal/min for 40 minutes 10-3-73. 3/
505	do	Dixon Pump & Equipment Co.	1964	775	12	QTal	4,033	474R 477.8	1964 Dec. 18, 1972	S, E	P	City well no. 4 (Sanchez well), set and cemented 18-inch casing to 350 feet. Set 12-3/4-inch to 627 feet, and 10-3/4-inch from 615-704 feet. Slotted casing from 525-704 feet. Set 585 feet 6-inch column pipe. Reported 56 feet drawdown pumping 570 gal/min for 12 hours in 1964. 3/
1/ 506	do	Big Three Machine & Supply, Inc.	1973	808	14	Qfal	4,058	503	June 23, 1973	T, E, 100	P	New city well no. 2 (Thrift well), driller reported hard rock at 810 feet. Set 14-inch casing to 808 feet, slotted 481-541 feet, 556-617 feet, 632-692 feet, and 707-798 feet. Total slotted interval 272 feet, gravel packed with 37 yards. Set 650 feet of 8-inch column pipe and 15 stages of 8-inch bowls. Water level recovered 22.5 feet in 8 days after pumping 442 gal/min in June 1973. Reported 27 feet drawdown pumping 530 gal/min intermittently in Sept. 1973. 3/
601	Howard C. Chapman	Ralph Bradley	1960	726	14	QTal	3,905	363.85 365.21 364.49	June 5, 1960 Mar. 9, 1972 Dec. 4, 1972	N	N	Drilled 20-inch hole, set 14-inch casing with 241 feet of perforations, gravel packed. Reported tested at 950 gal/min. Texas Water Development Board water-level observation well. 3/
1/ 602	Gorman Welch	Owner & Cook Drilling Co.	1972	648	14	QTal	3,925	385R 388.8	Mar. 1972 Sept. 19, 1973	T, G	Ind, Irr	Drilled to 442 feet by owner, deepened to 648 feet by Cook Drilling Co. Reamed to 20-inch hole, set 648 feet 14-inch casing, slotted 385-248 feet, packed annulus with 35 yards of gravel. Set 480 feet 6-inch column pipe and 22 stages of 6-inch bowls. Reported drawdown of 20 feet pumping 550 gal/min for 24 hours in 1972. Drawdown of 602 feet pumping 220 gal/min for 12 hours 6-13-74. Used for highway construction and irrigation.
1/ 603	Culberson County Airport	Xana Corp.	1974	--	--	--	3,915	--	--	N	N	U.S. Geological Survey Culberson County Airport no. 1 water test hole. Drilled clay, sand, and gravel from surface to 1,145 feet; well cemented conglomerate (base of alluvial fill) 1,145-1,205 feet; and poorly to well cemented sandstone 1,265-1,306 feet (cretaceous Cox Formation). Progressively plugged back and jetted water samples from intervals 1,083-1,115 feet, 1,205-1,237 feet, and 552-584 feet. Partial sample, electric, caliper, drill-time, and radioactive logs.
1/ 701	W. A. Farmer	Stratton & Farmer	1959	572	16	QTal	3,998	--	--	T, E, 75	Irr	Drilled to 1,500 feet, reported alluvium to 1,200 feet, hard rock and mica from 1,200-1,500 feet. Plugged back and set casing to 572 feet, perforated 380-572 feet. Reported weak well.
702	do	Jim Barrow	1969	600	14	QTal	4,002	445.9 446.9	Mar. 7, 1972 Jan. 10, 1973	T, E, 40	Irr	West well of two. Fills fishing pond and irrigates orchard. Reported pumps 3 inches of water out of 4-inch pipe.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
								ABOVE (+) OR BELOW SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
HL-47-58-703	Mrs. H. B. Mann	Cook Drilling Co.	1972	725	10	QTal	4,140	559.6 563.5	Nov. 17, 1972 Sept. 19, 1973	N	N	Drilled to supply water for highway construction. Reported insufficient yield. 3/
901	Dr. B. C. Lipsey	R. A. Foster	1960	327	6	QTal?	3,875	141R 133R	1960 1967	S, E	D	Reported drilled 2 feet into hard brown rock, perforated casing 145-327 feet. Set pump at 160 feet, discharges 20-25 gal/min.
902	do	do	1956	435	17	QTal	3,882	330R 341.1	1956 Jan. 23, 1970	T, G	N	Casing perforated 330-430 feet, set 360 feet 6-inch column pipe. Reported pumped 600 gal/min in 1960, not used since 1961. Texas Water Development Board water-level observation well.
1/ 59-101	C. C. Brookshier	--	1952	625	16	QTal	3,766	212.96 228.19 244.43	Jan. 29, 1953 Feb. 10, 1962 Dec. 4, 1972	T, Ng	Irr	Casing perforated 425-625 feet. Discharged 380, 575, and 510 gal/min 8-10-66, 7-18-67, and 4-30-68, respectively. Texas Water Development Board water-level observation well.
1/ 102	J. W. (Dub) Wooten	Brewster Bros.	1960	542	16	QTal, K	3,787	244.0 258.2	May 4, 1961 Dec. 12, 1972	T, Ng	Irr	Casing perforated 240-511 feet in alluvium. Open hole 511-542 feet in limestone. Drawdown of 41 feet pumping 1,100 gal/min for 13 days in May 1961; gamma-ray and neutron logs; aquifer-test data.
103	M. & M. H. Hall	L. W. Stratton	1950	950	--	QTal, K	3,793	238.1	Jan. 27, 1953	N	N	Drilled for irrigation, casing pulled in 1954. Log shows shale, sand, and gravel to 558 feet; hard sand 558-598 feet; and varicolored shale and lime 598-950 feet. 3/
1/ 104	C. C. Brookshier	do	1952	660	16	QTal	3,773	221.27 235.78 253.79 240.68	Jan. 27, 1953 Jan. 6, 1963 Dec. 4, 1972 Dec. 21, 1972	T, Ng	Irr	Casing perforated 460-660 feet. Discharged 1,150 and 720 gal/min 7-18-67 and 4-30-68, respectively. Texas Water Development Board water-level observation well.
105	do	--	--	615	16	QTal	3,767	213.94 223.42 232.22	Jan. 29, 1953 Feb. 9, 1961 Dec. 21, 1972	N	N	Casing perforated 415-615 feet. Former Texas Water Development Board water-level observation well. 2/
1/ 106	A. F. Walker	--	--	--	14	QTal	3,752	198.35 214.07 220.88	Jan. 27, 1953 Feb. 6, 1963 Mar. 21, 1972	N	N	Discharged 644 gal/min 7-18-67. Texas Water Development Board water-level observation well.
1/ 107	C. C. Brookshier	H. E. Stanton	1970	600	16	QTal	3,767	218.82 224.65 236.13	Jan. 24, 1954 Jan. 15, 1958 Dec. 21, 1972	T, Ng	Irr	Replaced well 567 feet deep at this location in 1970. Water levels measured prior to 1970 are in old well. Discharged 460 gal/min 4-19-73. Former Texas Water Development Board water-level observation well. 3/
1/ 108	Lee Talley	--	--	500	16	QTal	3,762	229.4 227.6	Mar. 22, 1972 Dec. 22, 1972	T, Ng	Irr	Reported 28 feet of drawdown pumping a full 10-inch pipe.
1/ 109	do	Brewster Bros.	1960	536	16	QTal	3,775	234.5 241.8 241.1	Feb. 10, 1961 Mar. 21, 1972 Dec. 12, 1972	N	N	Casing perforated 240-536 feet. Reported limestone at 536 feet.
1/ 110	C. C. Brookshier	-Gesslin	1916	1,200	10	QTal	3,780	--	--	C, E, 1	D	Drilled to test supply for irrigation and for construction of a proposed railroad from Van Horn north to New Mexico. Reported water sands at 260 and 800 feet, no additional water in drilling to 1,200 feet.
111	J. W. (Dub) Wooten	Brewster Bros.	1967	544	16	QTal	3,788	354.0	Dec. 22, 1972	T, Ng	Irr	Casing perforated 160-521 feet.
1/ 112	Lee Talley	--	--	600	14	QTal	3,757	224.0	Mar. 22, 1972	T, Ng	Irr	--
1/ 113	Jess Tabor	-Walker	1951	490	16	QTal	3,756	222.0	Dec. 21, 1972	T, Ng	Irr	Formerly state well no. HL-47-51-707; casing perforated 400-475 feet. Discharged 590, 673, and 860 gal/min 8-10-66, 7-18-67, and 4-30-68, respectively.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
HL-47-59-114	P. S. Hall	--	--	587	16	QTal	3,783	250.4	Dec. 23, 1972	N	N	Unused irrigation well; gamma-ray and temperature logs. 3/
1/ 201	do	L. W. Stratton	1951	552	16	QTal, K?	3,775	221.39 230.69 236.57	Jan. 24, 1954 May 17, 1961 Dec. 22, 1972	T, Ng	Irr	Log shows shale, sand, and gravel to 527 feet; blue shale (cretaceous?) from 527-552 feet. Drawdown of 66 feet pumping 600 gal/min for 48 hours in June 1961. Discharged 520 gal/min 5-12-60 and 530 gal/min 4-30-68. Aquifer-test data. Texas Water Development Board water-level observation well. 3/
1/ 202	E. L. Dahlstrom	do	1950	500	6	QTal, K?	3,774	220.00 226.23	Mar. 3, 1951 Jan. 15, 1958	N	N	Destroyed stock well. Former Texas Water Development Board water-level observation well. 3/
1/ 203	Stephens & Hall	--	1950	550	16	QTal, K?	3,775	218.91 231.99 240.92	May 11, 1950 Feb. 9, 1962 Dec. 22, 1972	T, Ng	Irr	Texas Water Development Board water-level observation well. 2/
1/ 204	Wildhorse Farms	--	--	--	--	QTal, K?	3,772	212.02 220.70	May 11, 1950 Jan. 23, 1956	T, Ng	Irr, P, S	Headquarters well, owner's no. 23. Discharged 518 gal/min 9-12-51. Combined discharge of this well and well 47-59-211 was 1,530 gal/min 4-19-73. Former Texas Water Development Board water-level observation well.
205	do	Foster & Lancaster	1952	550	16	QTal, K?	3,773	227.37 233.90	Jan. 27, 1960 Jan. 27, 1965	T, Ng	N	Owner's well no. 22. Casing perforated 235-245 feet and 340-356 feet. Former Texas Water Development Board water-level observation well.
206	P. S. Hall	--	1951	599	16	QTal, K?	3,786	230.96 245.26 252.88	Mar. 3, 1951 Feb. 6, 1963 Dec. 22, 1973	S, R	D	Drilled for irrigation. Converted to domestic supply. Reported blue shale 552-562 feet and limestone 562-599 feet. Texas Water Development Board water-level observation well.
1/ 207	do	--	1950	550	16	QTal, K?	3,778	243.3	Dec. 22, 1972	T, Ng	Irr	--
1/ 208	Wildhorse Farms	--	--	406	16	QTal, K?	3,757	218.08 221.97	Jan. 19, 1967 Dec. 22, 1972	N	N	Texas Water Development Board water-level observation well. Discharged 683 and 610 gal/min 7-18-67, 4-30-68.
1/ 209	Southwest Land Corp.	Big Three Machine & Supply, Inc.	1971	612	12	K	3,790	260R	Nov. 1971	S, S 20	P, S, Irr	Supplies headquarters, fills fishing pond, and irrigates gardens. Log shows clay, sand, and gravel to 235 feet; yellow to purple clay, brown lime, white sand, rock, and gravel from 235-612 feet. Set 12-3/4-inch casing to 612 feet, perforated 412-612 feet. Set 380 feet 3-inch column pipe. Reported pumped 130 gal/min with 40 psi (92.4 feet) pressure at 380 feet. Drawdown of 27.6 feet. 3/
1/ 210	P. S. Hall	--	--	--	14	QTal, K?	3,772	--	--	T, Ng	Irr	Estimated discharge 500 gal/min 7-18-67.
1/ 211	Wildhorse Farms	--	--	--	14	QTal, K?	3,766	--	--	T, Ng	Irr	Owner's well no. 24.
1/ 212	do	--	1952	387	16	QTal, K?	3,762	205.1 226.8	Mar. 8, 1952 Dec. 22, 1972	T, N	N	Owner's well no. 25.
213	do	--	--	462	16	K	3,784	249.8	Mar. 22, 1972	N	N	Formerly State well no. HL-47-59-307; unused irrigation well, owner's no. 31. Electric and gamma-ray logs; top of limestone estimated from gamma-ray log at 248 feet.
214	Hugh Wolfe	Aztec Explor. Co.	1969	500	N	--	3,792	255R	Mar. 1969	N	N	Owner's test hole no. 1. Base of alluvium estimated from sample log at 460 feet.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ HL-47-59-301	D. H. Brewster	L. W. Stratton	1950	410	16	QTal, K?	3,774	218.34 233.44 242.08	Mar. 3, 1951 Feb. 10, 1962 Mar. 23, 1972	N	N	Texas Water Development Board water-level observation well. 2/
1/ 302	do	R. A. Foster	1953	500	16	QTal, K?	3,792	238.90 250.60 256.38	Jan. 22, 1955 Jan. 1, 1965 Dec. 12, 1972	T, Ng	Irr	Discharged 680, 741, and 650 gal/min 8-10-66, 7-18-67, and 4-30-68, respectively. Texas Water Development Board water-level observation well.
1/ 303	W. H. & J. A. Nesmith	--	--	500	14	QTal, K?	3,781	--	--	T, Ng	Irr	Discharged 430 gal/min 4-30-68.
304	F. I. Dahlstrom	--	--	--	--	QTal, K?	3,787	231.34	Mar. 3, 1951	N	N	Drilled for irrigation; destroyed. Former Texas Water Development Board water-level observation well.
1/ 305	Wildhorse Farms	--	1960	630	16	QTal, K	3,781	236.5 250.2	May 29, 1961 Dec. 22, 1972	T, Ng	Irr	Owner's well no. 29. Drilled to 860 feet, plugged back to 630 feet. Discharged 825 and 898 gal/min 8-10-66 and 7-18-67. Installed 10-inch pump. Reported discharge 1,350 gal/min in 1972; measured discharge 1,150 gal/min 4-19-73.
1/ 306	D. H. Brewster	R. A. Foster	1952	500	14	QTal, K?	3,789	256.2 256.1	Mar. 23, 1972 Dec. 22, 1972	T, Ng	D, S, Irr	Estimated discharges: 900 gal/min 8-10-66; 700 gal/min 7-18-67; and 800 gal/min 4-30-68.
307	W. H. Seale	Fred Scroggins	1955	485	16	QTal, K	3,776	242.7 242.3	Mar. 23, 1972 Dec. 12, 1972	T, N	N	Log shows shale, sand, and gravel to 455 feet. Hard conglomerate 455-485 feet. Lost circulation in rock crevice at 480 feet. Pumping test by Farmer's Supply Co. 7-65: Drawdown of 73 feet pumping 907 gal/min for 12 hours. 3/
1/ 308	D. H. Brewster	R. A. Foster	1953	500	16	QTal, K?	3,785	250.1 252.2	Mar. 23, 1972 Dec. 22, 1972	T, Ng	Irr	--
1/ 309	W. H. Seale Est.	--	1951	514	16	QTal, K?	3,777	244.8	do	T, Ng	D, S, Irr	Discharged 680 gal/min 3-23-72.
310	do	--	--	381	16	QTal, K	3,775	240	July 13, 1972	N	N	Gamma-ray and temperature logs. Base of alluvium estimated from gamma-ray log at 340 feet.
311	Hugh O. Wolfe	Aztec Drilling Co.	1969	520	N	K?	3,807	275R	Mar. 1969	N	N	Test hole Wolfe no. 3-A. Sample log indicates clay, sand, and gravel to 220 feet; yellow sandstone, clay, and sandy limestone (cretaceous?) 220-290 feet; and clay, sand, and gravel 290 to 510 feet.
1/ 312	Beulah Espy	West Texas Explor. Co.	1972	290	N	--	3,782	250R	July * 1972	N	N	Test hole Annesley no. 3. Sample log indicates clay, sand, and gravel to 277 feet. Hard brown to tan dense limestone (Permian or cretaceous) from 277-290 feet. 3/
313	Phil Rolston	--	1954	600	16	QTal, K?	3,814	277R	Mar. 1969	S, E, 10	Irr, D	Irrigates nursery stock and supplies trailer house. Reported 150 gal/min maximum yield.
314	do	--	--	550	16	QTal, K?	3,811	269R 270.4	Mar. 1969 Jan. 9, 1973	N	N	Reported tested at 50 gal/min, maximum yield.
315	San Marc. Corp.	--	--	325	14	K	3,805	274R	Mar. 1969	T, E	Irr	Reported started irrigating 4,940 pecan trees with drip system in 1974. Well pumping fine sand and pieces of sandstone (cretaceous, Cox Formation).
401	Milwhite Inc.	Wheeler Cass	1960	400	8	K	3,905	360R	1960	S, E, 3	Ind	Supplies office and drinking water at talc processing plant. Log shows caliche, clay, and gravel to 330 feet; yellow sandstone (cretaceous) from 330-400 feet. Casing perforated 330-400 feet, reported discharge 25 gal/min. 3/

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
HL-47-59-402	R. B. Durrill	R. A. Foster	1962	470	8	QTal, K?	3,832	294R	July 1960	S, E, 10	S	Casing, 16-inch to 20 feet; 8-inch, surface to 470 feet. Slotted 294-470 feet; reported pumps 85 gal/min. 3/
501	University Lands	--	--	700	6	K	3,805	269R 270.4 272.6	Mar. 1968 Feb. 24, 1971 Jan. 9, 1973	N	N	Reported top of limestone at 300 feet.
502	Hugh Wolfe	Aztec Drilling Co.	1969	468	N	QTal, K	3,792	249R	Mar. 1969	N	N	Test hole Wolfe no. 2. Sample log.
503	Texas Highway Dept.	Cook Drilling Co.	1972	681	10	K, P?	3,880	--	--	T, G	Ind	Supplies water for construction of Interstate 10. Drilled to 609 feet, set 10-inch casing with perforations from 359-609 feet. Reported deepened to 681 feet with no increase in water. Acidified hole. Set 650 feet 8-inch column pipe and 21 stages of 8-inch bowls. Discharged 520 gal/min 12-15-72. Logs shows clay, sand, and gravel to 203 feet. Limestone and shale 203-681 feet. Water from honeycomb lime, 438-440 feet. 3/
1/ 601	Hugh Wolfe	--	old	--	6	QTal	3,821	279.0	Feb. 18, 1971	C, W	S	--
602	University Lands (John Harper)	--	old	336	7	K	3,866	325R 329.1	Feb. 1968 Feb. 18, 1971	N	N	Formerly supplied roadside park. Destroyed for construction of Interstate 10.
603	do	R. A. Foster	1971	354	6	K	3,850	316R	June 1971	C, E	S	Casing: 6-5/8-inch to 354 feet, slotted 316-354 feet. Set 345 feet 2-inch column pipe. Reported drawdown of 2 feet pumping 256 gal/min for 2 hours when drilled. Designed pumping rate 3-3/4 gal/min. Log shows soil, caliche, gravel, and red sandy shale to 285 feet. Yellow to white shale and soft sand rock (cretaceous) 285-341 feet. 3/
604	Hugh Wolfe	Aztec Drilling Co.	1969	680	N	QTal	3,823	275R	Mar. 1969	N	N	Test hole Wolfe no. 4. Sample log indicates clay, sand, and gravel to total depth.
605	do	do	1969	210	N	--	3,811	--	--	N	N	Test hole Wolfe no. 3. Sample log indicates clay, sand, and gravel to 170 feet; tan to white, siliceous limestone (cretaceous?) 170-200 feet.
1/ 901	Albert Ivy	-Payne	1936	700	5	P	4,103	--	--	C, G	S	Called "Canyon" well.
60-101	W. & M. Stansberry	Duncan Sartain	1964	1,601	N	--	3,835	--	--	N	N	Oil test Duncan Sartain, W. & M. Stansberry no. 1. Partial sample log indicates sand and gravel with minor amounts of clay from 565-766 feet; white, pink, and brown limestone 766-797 feet. Reported hole full of water at 1,022 feet.
102	Hugh Wolfe	Aztec Drilling Co.	1969	870	N	--	3,820	--	--	N	N	Test hole Wolfe no. 7. Sample log indicates alluvium to 850 feet; white to yellow, sandy limestone (cretaceous) 850-870 feet.
103	do	do	1969	900	N	QTal	3,808	259R	Apr. 1969	N	N	Test hole Wolfe no. 6. Sample log indicates alluvium to total depth.
1/ 104	Beulah Espy	West Texas Exploration Co.	1972	364	N	--	3,792	--	--	N	N	Test hole Annesley no. 2. Sample log indicates clay, sand, and gravel to 300 feet; purple, yellow to gray, sandy, bentonitic clay with chert gravel 300-310 feet, and brown to gray, siliceous limestone and chert, 310-340 feet. Electric and gamma-ray logs.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
HL-47-60-201	Hugh Wolfe	Aztec Drilling Co.	1969	300	N	--	3,881	--	--	N	N	Test hole Wolfe no. 8. Sample log indicates sand and gravel to 140 feet. Yellow argillaceous marl, white to yellow sandy limestone, and gray to black bentonitic clay 140-300 feet.
202	J. O. Barfield	S. P. Williams, et al	1942	1,506	6	K?	3,874	320R 338.3 339.3	1942 Feb. 18, 1971 Jan. 9, 1973	N	N	Oil test S. P. Williams et al, J. O. Barfield no. 1. Converted to stock well. Unused to 1973. Log shows sand, yellow and red shale, and small amount of gravel to 560 feet. Mostly brown to gray lime with sand and shale stringers and minor amounts of anhydrite from 560-1,506 feet. 3/
1/ 401	Evergreen Farms	--	old	360	6	QTal	3,882	340	1968	C, E	S	--
402	Lewis Bernat	--	1960's	517	16	QTal	3,837	290.0 291.8	July 18, 1971 Jan. 9, 1973	N	N	Unused irrigation well.
403	do	--	1960's	607	16	QTal	3,839	293.9 295.6	Feb. 18, 1971 Jan. 9, 1973	N	N	Do.
1/ 404	do	Bippy Taylor	1970	620	16	QTal	3,883	344R 345.95 349.65 352.74	Apr. 1970 Feb. 19, 1971 Dec. 11, 1972 Nov. 12, 1973	T, Ng	Irr	Owner's test hole and well no. 1. Casing perforated 350-592 feet. Set 580 feet 10-inch column pipe. Reported drawdown of 175 feet pumping 1,120 gal/min for 24 hours
405	do	do	1970	400	N	QTsl	3,873	333.0 335.9	Jan. 23, 1971 Dec. 11, 1972	N	N	Owner's test hole no. 3. Destroyed. Log shows clay, sand and gravel to 370 feet, hard sandy limestone (cretaceous?) 370-400 feet. 3/
406	Hugh Wolfe	Aztec Drilling Co.	1969	839	N	QTal	3,831	285R	Mar. 1969	N	N	Owner's test hole no. 5. Sample log indicates clay, sand, and gravel to 839 feet. Hard rock reported at 839 feet.
407	do	do	1969	815	N	QTal	3,859	310R	do	N	N	Owner's test hole no. 9. Sample log indicates clay, sand, and gravel to total depth.
408	Stuckey's, Inc.	L. W. Hoskins	1973	450	8	QTsl	3,865	322.2	Sept. 30, 1973	N	N	Reported drilled to supply pecan shoppe and gas station at this location.
409	Evergreen Farms	Bippy Taylor	1973	614	14	QTal	3,858	--	--	N	N	Owner's well no. 15. Casing perforated 340-614 feet. Will be used for irrigation.
1/ 601	George Walker	R. A. Foster	1967	600	8	P	4,042	500R	Feb. 1973	S, E, 7	D	Supplies house and service station. Perforated below 505 feet, pump set at 595 feet. Log shows caliche to 3 feet, white sand rock 3-146 feet, brown shale 146-232 feet, and brown, gray, and white limestone 232-600 feet. Reported water from cracks in lime 587-595 feet. Reported drawdown of 85 feet pumping 25 gal/min for 8 hours in 1967. 3/
602	Shelby Brooks	West Coast Oil Co.	1932	817	7	P?	3,990	--	--	C, W	S	Oil test West Coast Oil Co., McGregor no. 1. Converted to stock well.
1/ 603	George Walker	--	1942	600	6	P	4,049	--	--	C, E	S	Reported weak well and gyppy water.
1/ 701	Evergreen Farms	Bippy Taylor	1970	660	16	QTal	3,898	367R 365.9	Nov. 1970 Feb. 23, 1971	T, Ng	Irr	Owner's test hole and well no. 2. Log shows alluvium to total depth. Casing slotted 350-655 feet, set 600 feet 10-inch column pipe. Reported drawdowns of 160 feet pumping 2,200 gal/min and 93 feet pumping 1,500 gal/min for 24 hours. 3/
702	do	--	old	400	7	QTal	3,916	379.4	do	C, E, 2	D	--

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
HL-47-60-703	Evergreen Farms	Bippy Taylor	1971	640	16	QTal	3,893	355R 359.1 365.2	Dec. 1971 Dec. 11, 1972 Nov. 13, 1973	T, Ng	Irr	Owner's test hole and well no. 7. Drilled 24-inch hole, set 640 feet 16-inch casing, slotted 380-640 feet. Packed with 3/4-inch gravel. Set 600 feet 8-inch column pipe and 10 stages of 8-inch bowls. Reported discharge 900 gal/min. Log shows clay, sand, and gravel to total depth. 3/
704	do	do	1973	670	16	QTal	3,885	358.2	Nov. 13, 1973	T, Ng	Irr	Owner's test hole and well no. 10. Casing slotted 360-670 feet, gravel packed. Reported tested at 1,100 gal/min when drilled.
705	do	do	1973	640	16	QTal	3,873	340.4	Sept. 20, 1973	T, Ng	Irr	Owner's test hole and well no. 12. Casing slotted 340-640 feet, gravel packed. Reported alluvium to total depth.
706	do	do	1973	605	14	QTal	3,873	340.2	Nov. 12, 1973	T, Ng	Irr	Owner's test hole and well no. 13. Casing slotted 355-605 feet. Reported alluvium to total depth.
707	do	do	1973	560	12	QTal	3,905	386.0	Sept. 20, 1973	T, E, 75	D	Owner's test hole and well no. 11. Casing slotted 360-560 feet. Set 500 feet 6-inch column pipe. Supplies shop, vegetable processing plant, and tenant houses.
708	do	do	1973	614	14	QTal	3,885	365.1	do	T, Ng	Irr	Owner's test hole and well no. 14. Casing slotted 375-614. Gravel packed. Reported alluvium to total depth.
801	do	do	1970	640	16	QTal, K?	3,905	371.3	Feb. 11, 1972	T, Ng	Irr	Owner's test hole and well no. 4. Drilled 24-inch hole, set slotted casing 380-640 feet, gravel packed. Log shows shale, sand, and gravel to 620 feet, hard sandstone (cretaceous?) 620-640 feet. Reported strongest well on farm. 3/
802	do	do	1970	533	N	QTal	3,912	370.3	Feb. 23, 1971	N	N	Owner's test hole no. 5. Reported insufficient supply for irrigation. Log shows alluvium to total depth. 3/
803	do	do	1971	645	16	QTal, K?	3,908	374.24 376.05	Dec. 11, 1972 Nov. 12, 1973	N	N	Owner's test hole no. 6. Drilled 24-inch hole, set slotted casing 357-627 feet, left open hole 627-645 feet; gravel packed. Reported maximum yield was 600 gal/min. Log shows shale, sand, and gravel to 465 feet. Hard sandstone, rock, tight sand and shale (cretaceous?) 465-645 feet. 3/
901	Cameron Lumber Co.	Quito Oil Co.	1941	945	--	--	4,077	--	--	--	--	Oil test Quito Oil Co., Cameron Lumber Co. no. 1. Reported water at 550 feet (bailed 2 barrels per hour); water from interval 603-657 feet (water level rose to 550 feet); and water at 894 feet.
1/ 61-401	Reynolds Cattle Co.	Gesslin	1908	577	6	P	4,085	550R 550R	1943 Dec. 15, 1962	C, W	S	Called "deep" well. Reported drilled to 600 feet, cleaned out to 577 feet by L. W. Stratton in 1962. Water from "rotten" places in limestone. Set 568 feet 2-inch column pipe.
402	do	--	old	778	5	P	4,218	670R	Oct. 4, 1963	C, W	N	Cleaned out to 778 feet by L. W. Stratton in 1963. Abandoned and replaced by HL-47-61-403 in 1969.
1/ 403	do	R. A. Foster	1969	740	6	P	4,218	691R	Mar. 1, 1969	C, W	S	Log shows boulders to 2 feet; white, gray, and brown limestone, yellow and black shale, and white sandstone 2-395 feet; bedrock. Red shale 395-731 feet, and hard gray limestone 731-740 feet. 3/
1/ PD-48-08-405	C & L Ranch	J. S. Gates	1975	12.5	--	Qal	3,616	3.2	Oct. 30, 1975	N	N	U. S. Geological Survey auger hole on salt flats.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
PD-48-08-601	James Lynch	Pure Oil Co.	1948	907	--	--	3,640	--	--	--	--	Pure Oil Co. Chandler no. 1, core-test no. 6, Hudspeth County, approximate location, bedrock (dolomite) at 798 feet, sample log.
901	Ed Hammack	do	1948	1,120	--	--	3,625	--	--	--	--	Pure Oil Co. Hammack no. 2, core-test no. 5, Hudspeth County, approximate location, bedrock at 890 feet, sample log.
902	do	do	1948	49	--	Qal	3,636	21.9	Nov. 14, 1973	C, W	S	Well 98 in Texas Board Water Engineers Bull. 5004.
903	do	--	old	12	--	Qal	3,626	10.5	Nov. 28, 1949	C, W	S	Well 99 in Texas Board Water Engineers Bull. 5004, poor water quality reported.
16-301	do	Pan-American Petroleum Corp.	1962	7,060	--	Pz	3,630	--	--	--	--	Oil test Pan American Petroleum Corp., Hammack no. 1, approximate location; water samples from drill-stem tests had 4,021 ppm dissolved solids, 1,220 ppm chloride and 1,030 ppm sulfate at 3,330-3,401 feet; 6,751 ppm dissolved solids, 1,035 ppm chloride, and 2,500 ppm sulfate at 4,330-4,410 feet; and 1,780 ppm dissolved solids, 340 ppm chloride and 720 ppm sulfate at 5,736-5,752 feet.
805	Guitar Trust	--	1957?	--	12	QTal	3,625	22.5	Oct. 29, 1975	N	N	Unused stock well.
1/ 23-901	Wesley West	--	--	--	8	--	3,991	--	--	C, W	S	"Black Mountain" windmill.
1/ 24-201	do	--	--	38	--	Qal	3,625	20R	1965	C, W	S	"Cottonwood" windmill.
1/ 202	do	--	--	--	6	--	3,666	75.4	June 5, 1973	C, W	S	"Graham" windmill.
1/ 203	Federal Aviation Agency	Layne-Texas	1960	535	8	Pbsvp	3,710	128.5	Oct. 28, 1975	T, E	D	Used by National Park Service for seasonal employees. Reported 200 gal/min in 1961; field specific conductance 1,900 umho/cm; electric and sonic logs available 220-550 feet.
401	Wesley West	--	--	362	8	Pbsvp	3,833	234R	1965	C, W	S	"Cavender" windmill, field specific conductance 2,650 umho/cm.
501	do	--	--	42	--	Qal	3,638	39.3	Mar. 28, 1972	N	N	"Jim Hill" well.
502	do	R. A. Foster	1972	281	8, 6	Pbsvp	3,645	65R	Aug. 1972	C, W	S	Field specific conductance of water in reservoir 2,700 umho/cm; perforated 84-92 feet, 266-275 feet.
601	do	--	--	--	6	--	3,629	31.9	Feb. 27, 1973	C, W	S	"Morrison" windmill, specific conductance of water in reservoir 2,750 umho/cm.
901	do	--	--	38	6	Qal	3,621	17R	1965	N	N	"Pumpjack" windmill, poor water quality reported.
1/ 902	do	--	--	340	6	Pbsvp	3,750	160R	1965	C, W	S	"Flattop" windmill.
32-301	do	--	--	241	6	QTal	3,638	39.1	Feb. 27, 1973	N	N	Well 40 feet west of abandoned "Little Babb" windmill.
601	do	--	--	73	6	QTal	3,638	33.3	Mar. 29, 1972	C, W	N	"Babb" well.
602	do	--	1972	210	6, 9, 12	Pbsvp	3,755	123.0	May 30, 1973	N	N	--
45-601	Diamondhead Corp.	Lee Murphy Drilling Co.	1972	1,018	--	K	4,570	943R	May 1972	N	N	Abandoned test hole no. 1 of Sierra Blanca Corp.; drilled to 480 feet and stuck drill pipe, moved 10 feet and completed hole. Bedrock (limestone) at 100 feet, sandstone at 250 feet, shale at 820 feet, limestone at 860 feet; sample log.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ PD-48-45-602	Diamondhead Corp.	Lee Murphy Drilling Co. & H. E. Stanton Drilling Co.	1972	1,060	14	K	4,570	943R 938R	May 16, 1972 Sept. 19, 1974	S, E	N	Owner's no. 1, unused public-supply well; 100 feet northwest of #601; originally drilled to 1,160 feet, caved to 1,060 feet; part of a pump lost in well, may be blocked at 1,010 feet. Bedrock (limestone) at 115 feet, sandstone at 255 feet, shale at 800 feet, limestone at 930 feet. Cased to 930 feet, open hole below; temperature of water 79°F, specific capacity reported about 15 gal/min/ft while test pumping at 210 gal/min; radioactive logs. 3/
1/ 603	do	Jack Guffey	1974	1,096	14	K	4,589	945R 966R 961R	Mar. 26, 1974 June 1974 May 17, 1975	S, E	P	Owner's no. 2, originally drilled to 1,137 feet, filled with cement to 1,096 feet; perforated 917-1,096 feet. Bedrock (limestone) at about 150 feet; reported specific capacity 15 gal/min/ft while test pumping at 500 gal/min; 510 gal/min production rate reported. Sample log to 580 feet, gamma-ray and caliper logs; temperature of water reported 78°F. 3/
604	do	Paul Gooden & Marsh Farmer	1974	1,110	--	K	4,608	979R	July 26, 1974	N	N	Owner's no. 3; abandoned pilot hole for a public-supply well, uncased, caved.
1/ 901	do	H. H. Virdell	1941	1,126	5	K	4,740	1,111±	Apr. 11, 1972	C, E, S	S	"Ward Ranch" well; bedrock (volcanics) at 11 feet, sandstone at about 1,000 feet; 3 gal/min measured 4-11-72.
1/ 46-401	do	do	1950±	1,093	6	K	4,678	1,040	Mar. 23, 1972	C, E	P, S	"West" well; 7 gal/min measured 3-23-72; radioactive logs.
1/ 701	Jim Baylor	--	1948±	1,137	6	K?	4,600	1,120R	Mar. 29, 1972	C, E, S	S	5-6 gal/min measured 3-29-72.
702	Sierra Blanca Corp.	Rex Leigh (Lee Murphy Drilling Co.)	1972	130	N	--	4,650	--	--	N	N	Owner's test hole no. 2, abandoned, 5-inch hole. 3/
1/ 53-301	Diamondhead Corp.	--	1929	1,341	6	K	4,993	1,130R	--	C, E	D	"Blanca Mountain" well, O'Keefe Fee no. 1; sample log on p. 124, U.S. Geological Survey Prof. Paper 479, bedrock (limestone) at 60 feet, 20 gal/min measured 3-15-72.
401	Ed Love	--	1893	175	5	Ti?	4,737	148R	--	C, E	P	Railroad well at Lasca siding, supplies roadside park on Interstate 10; constructed in abandoned mine shaft, casing installed in 1946-50, field specific conductance 660 umho/cm.
402	do	Ed Love	--	90	46	Ti or Qal	4,790	51.1	Apr. 13, 1972	N	N	"North" well, unused dug well with concrete casing; field specific conductance 600 umho/cm.
1/ 403	do	H. H. Virdell	1959	200	8	Ti or Qal	4,785	80E	do	C, E, I	D	West of 2 wells; reported cased to 166 feet and open hole below. 18-20 gal/min measured 4-13-72; field specific conductance 670 umho/cm; owner reported water bearing strata at 80 and 175 feet.
1/ 501	W. "Billy" Holcum	T. H. Little (Layne & Bowler Co.)	1909	1,110	10	K?	4,656	369.7	Mar. 15, 1972	C, W	Ind	West well of 2 old Southern Pacific Railroad wells; cased to 481 feet, open hole below. 60 gal/min reported with a pumpjack; bedrock (limestone) at 68 feet. 3/
502	do	Layne & Bowler Co.	1910-12	531	--	K?	4,650	345E	Mar. 16, 1972	S, E	Ind	East well of 2 old Southern Pacific Railroad wells; radioactive logs; casing depth estimated at 330 feet from logs; depth estimated from logs.
503	Diamonhead Corp.	--	1910-12	645	7	K?	4,698	454R	do	N	N	Originally drilled to 750 feet; reported formerly yielded 2 gal/min of water of fair quality; gamma-ray log.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
PD-48-53-504	Diamondhead Corp.	Rex Leigh (Lee Murphy Drilling Co.)	1972	490	N	K?	4,643	468R	Mar. 23, 1972	N	N	Abandoned test hole 5 of Sierra Blanca Corp.; sample log.
1/ 801	D. R. Reeves & Leon Goswick, Rego Ranch	H. H. Virdell	1965	181	5	K	4,719	159.7 175.7	Feb. 10, 1972 June 26, 1973	C, W	S	Yield reported 75 gal/min with 3 feet drawdown.
1/ 802	Hudspeth County Water Control & Improvement District No. 1	do	1970	286	8	K	4,695	154.7 176E 197E 223E	Feb. 3, 1972 July 20, 1973 Aug. 23, 1973 Oct. 30, 1973	S, E	P	Supply well for town of Sierra Blanca, owner's well no. 1; originally drilled to 184 feet, deepened in 1973, perforated 166-178 feet. Bedrock (limestone) at 40 feet; original yield reported 100 gal/min with 17 feet drawdown; 20 gal/min reported 9-75; estimated water levels from airline measurements; gamma-ray and temperature logs to 181 feet. 3/
1/ 803	do	R. Wayne Blair & R. A. Foster	1972	357	6	K	4,681	165.2 224E 242E	Feb. 10, 1972 July 17, 1973 Dec. 11, 1973	S, E, 45	P	Supply well for town of Sierra Blanca, owner's well no. 2; bedrock (limestone) at 58 feet. Tested at 60 gal/min with 180 feet drawdown; 13 gal/min reported 9-75; estimated water levels from airline measurements; recovery-test data; gamma-ray and temperature logs. 3/
1/ 804	do	H. H. Virdell	1973	970	7	K	4,655	355.9 364E 372E	July 20, 1973 Nov. 19, 1973 Feb. 6, 1974	S, E	P	Supply well for town of Sierra Blanca, owner's well no. 3; bedrock (limestone) at 70 feet; tested at about 40 gal/min with about 360 feet drawdown and at about 60 gal/min with about 540 feet drawdown; 40 gal/min reported 9-74. Radioactive, temperature, and fluid-resistivity logs. 3/
805	do	do	1973	298	6	K	4,697	176.3 236.2 259.0	July 20, 1973 Dec. 11, 1973 June 21, 1974	N	N	Owner's no. 1A, drilled to replace owner's no. 1 but never used; perforated 188-191, 211-214, 231-234, and 254-257 feet; drawdown data from production test on owner's no. 1. 3/
901	D. R. Reeves & Leon Goswick, Rego Ranch	--	--	--	5	K?	4,655	--	--	N	N	Reported low yield.
902	do	--	--	263	5	K	4,654	214.9	Feb. 9, 1972	C, W	S	1 gal/min estimated 2-9-72; field specific conductance 700 umho/cm, temperature 62°F.
1/ 54-201	Sierra Blanca Corp.	--	Before 1940	947	6	K	4,517	889.3	Mar. 30, 1972	C, E	S	"Williams" well; 20 gal/min measured 3-30-72; drawdown estimated 0.1 foot; radioactive logs.
202	do	Rex Leigh (Lee Murphy Drilling Co.	1972	906	N	K	4,498	902E	do	N	N	Owner's abandoned test hole #6; sample log, bedrock (sandstone) at 190 feet. 3/
1/ 401	Hudspeth County Water Control & Improvement District No. 1	C. W. Gooden	1957	1,102	7	K	4,595	965R	June 6, 1957	S, E, 30	P	Supply well for town of Sierra Blanca; perforated 1,010-1,100 ft; driller's log from 106 feet; original yield about 70 gal/min, drawdown reported about 100 feet; 45 gal/min reported 9-75. 3/
1/ 402	Lolo Quintana	Burdell & Brown	1939	950	6	K	4,540	920R	July 23, 1943	N	N	Formerly supplied motel; reported yield 12 gal/min; open hole 500-950 feet; bedrock reported at 500 feet; gamma-ray log to 435 feet.
403	Sierra Blanca Corp.	C. W. Gooden	1920's	764	8	K	4,552	--	--	N	N	Reportedly yielded 30 gal/min of poor-quality water; log no. 9 in U.S. Geological Survey Prof. Paper 479, p. 124.
1/ 404	Claude & Cynthia Hoover	McCraley	125	1,000	6	K	4,478	810E	Mar. 23, 1972	C, E, 20	S	North well of 2 wells; open hole 900-1,000 feet; 30 gal/min reported.
1/ 405	do	H. H. Virdell	1942	957	6	K	4,478	807E	do	C, E, 15	S, Ind	South well of 2 wells; reported to be originally 1,000 feet deep, open hole 600-957 feet; 20 gal/min reported bedrock reported at 280 ft; radioactive logs.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
FD-48-54-406	Southern Pacific Railroad	--	about 1910	1,100	10	K	4,488	850R	1910	N	N	Depth measured at 340 feet in 1972--caved; poor water quality reported.
407	Sierra Blanca Corp.	Rex Leigh (Lee Murphy Drilling Co.)	1972	296	W	--	4,475	--	--	N	N	Owner's abandoned test hole no. 4; not drilled to water table; sample log, bedrock (sandstone) at 274 feet. 3/
408	Gene Wells	H. H. Virdell	1951	988	6	--	4,580	--	--	N	N	Reported as dry hole but may not have reached water table; gamma-ray log.
1/ 501	Sierra Blanca Corp.	Rex Leigh (Lee Murphy Drilling Co.)	1972	1,177	2	K	4,445	--	--	N	N	Owner's test hole no. 3; perforated 1,117-1,177 feet; completed as an observation well but apparently perforations plugged; sample log, bedrock (sandstone) at 472 feet; radioactive logs. 3/
1/ 502	Clyde Fields Est.	Wright M. Womack	1953	950	6	K	4,408	780.6	Mar. 31, 1972	C, E, 5	S	"Blount Tank" well; 4 gal/min measured 3-31-72; field specific conductance 3,200 umho/cm.
1/ 503	Sierra Blanca Corp.	H. E. Stanton	1972	1,350	10	K	4,445	--	--	S, E, 75	P	Owner's water-supply well no. 1; perforated 880-1,210 feet; open hole below; 200 gal/min reported 8-17-72. Radioactive logs; bedrock estimated at 460 feet from neutron log. 3/
701	Mrs. J. R. Love	--	1940's	920	6	K	4,487	905R	July 6, 1972	C, W	S	6 gal/min and good-quality water reported.
1/ 801	Billy Holcum	--	1950's	945	8	K	4,406	920R	--	C, G, 5	D, S	"Faskin" well; 10 gal/min reported; reported perforated below 920 feet, pump set at 927 feet.
1/ 901	Murray Faskin & Clyde Fields	Levelle	1910±	1,150	N	K	4,380	788R	Mar. 31, 1972	N	N	"Levelle" well; original 10-inch casing removed; 17 gal/min reported in 1943; gamma-ray log.
55-901	Charles & Robert Dees	Charles & Robert Dees	about 1950	397	10	Ps	4,649	207R	Aug. 31, 1972	C, W	N	Cased to 10 feet, open hole below; 2 gal/min; good-quality water reported.
1/ 902	do	do	1948	190	9	Ps	4,638	151.2	do	C, E, 1	S	"Camel Draw" well, cased to 12 feet; open hole below; pump set at 185 feet; 6 gal/min measured 8-31-72.
56-501	Mrs. Scott Keeling	Wayne Blair	1972	121	N	Ps	4,770	67.6	Sept. 1, 1972	N	N	Unused, uncased drill hole for asbestos; originally drilled to 150 feet.
1/ 802	Charles Dees	--	about 1915	186	6	Ps	4,655	66.7	Sept. 1, 1972	C, W	S	"Little" windmill; originally drilled to 200 feet, cased to 20 feet, open hole below; 3 gal/min measured 9-1-72.
1/ 803	S. C. Stribling & William C. Pfluger	--	--	130	6	Ps	4,757	73.7	do	C, W	S	3 gal/min measured 9-1-72.
804	Mrs. Scott Keeling	Wayne Blair	1972	92	N	Ps	4,768	87.0	do	N	N	Unused, uncased drill hole for asbestos; originally drilled to 150 feet.
61-101	Sid Cowan	--	--	442	6	Ti?	5,020	268.8	May 4, 1972	C	N	--
103	do	Chavez & H. H. Virdell	1957	425	8	Ti	5,180	414.0	do	N	N	--
104	do	--	--	> 500	10	Ti?	5,211	480.8	do	S, E, 1.5	D, S	Estimated 12-15 gal/min 5-4-72; field specific conductance 630 umho/cm, 64°F.
1/ 201	Ed L. Love	H. H. Henshaw	1931	690	6	K	4,372	538R	July 25, 1931	C, E, 3	S	"Henshaw" well; H. H. Henshaw, C. W. Love no. 1 oil test; log no. 10 in U.S. Geological Survey Prof. Paper 479, p. 124, bedrock (limestone) at 270 feet, water-sand 578-580 feet; original yield reported 250 gal/min; 6 gal/min measured 2-4-72; cased to 200 feet; open hole below.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
PD-48-61-301	E. L. Kettenbach	R. H. Virdell	1970	766	N	--	4,300	--	--	N	N	Abandoned test hole no. 1 in Red Light Draw; drilled for Hudspeth County Water Control & Improvement District No. 1; bedrock (limestone) at 662 feet, reported to be dry hole. 3/
1/ 302	do	do	1970	740	6	QTal	4,280	421.4	May 16, 1972	N	N	Abandoned test hole no. 2; drilled for Hudspeth County Water Control & Improvement District No. 1; bedrock (limestone) at 618 feet; gamma-ray log; originally drilled to 752 feet, perforated 440-750 feet. 3/
1/ 501	Mrs. Jodie Tammen	Mr. Tammen	about 1942	420	8	K?	4,495	--	--	C, E, 2	D, S	Measured 10-12 gal/min 12-3-73.
901	E. L. Kettenbach	--	1940's	290	10	K	4,383	190R	Nov. 1964	C, W	S	"West" windmill, 5 gal/min measured 5-4-72; field specific conductance 1,250 umho/cm, temperature 21°C.
62-501	Yettie Meadors	--	--	--	14	K	4,376	--	--	C, W	S	"East" windmill, water level below 499 feet 7-7-72.
1/ 701	Sierra Blanca Land & Cattle Co.	H. H. Virdell	1947	525	6	QTal	4,110	448.1	May 10, 1972	C, E, 1	D, S	Reported capacity 200 gal/min in 1951; 10-12 gal/min estimated in 1972; driller reported 40 feet of coarse water-bearing gravel at bottom of hole.
1/ 801	Yettie Meadors	do	1964	598	9	QTal	4,018	323.8	May 12, 1972	N	N	Unused well originally drilled to 640 feet and used for water supply for construction of interstate highway; user's well no. 4; brief driller's log and gamma-ray log available; 100 gal/min reported in 1964. 3/
1/ 802	do	do	1964	540	10	QTal	4,010	367.1 364.5	Nov. 9, 1966 May 16, 1972	N	N	Unused well originally used for water supply for construction of interstate highway; user's well no. 2; brief driller's log; perforated 450-540 feet; 100 gal/min reported in 1964. 3/
803	Cummins Sisters	H. H. Virdell	1964	475	10	QTal	4,013	365.2	May 16, 1972	N	N	Unused well originally drilled to about 540 feet for water supply for construction of interstate highway; user's well no. 3; brief driller's log; perforated 450-540 feet; 100 gal/min reported in 1964. 3/
804	Yettie Meadors	do	1964	540	10	QTal	4,005	354.6	do	N	N	Unused well originally used for water supply for construction of interstate highway; brief driller's log; perforated 450-540 feet; 190 gal/min reported in 1964. 3/
805	Jack Hayter	do	about 1964	400	6	QTal	4,007	--	--	S, E, 5	S	"Hayter" well; field specific conductance 770 umho/cm, temperature 65°F on 5-9-72; 50 gal/min reported.
806	Yettie Meadors	L. W. Stratton	1951	433	6	K?	4,035	385.6	May 12, 1972	C, C, 4	S	"Cummins" (locally called Blue Tank) windmill; originally drilled to 655 feet, bedrock? (limestone) reported at 218 feet; 10-12 gal/min estimated in 1972; field specific conductance 1,200 umho/cm. 3/
807	do	H. H. Virdell	1964	497	6	QTal	4,095	438.0 437.1	Oct. 28, 1964 May 17, 1972	N	N	Originally tested at 10 gal/min.
63-301	Texas & Pacific Railroad	--	early 1900's	--	10	Pe?	4,461	--	--	N	N	Destroyed railroad supply well, reported good yield and water quality.
1/ 302	Oscar Booth	H. H. Virdell	1964	602	8	Pe	4,506	354.4	Aug. 30, 1972	C, G, 4	S	"Winter" well; originally drilled for supply for highway construction; perforated 485-602 feet; bedrock (schist) at 3 feet; 130 gal/min reported in 1964. 3/

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Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER-BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ PD-48-63-303	C. A. Wilkin	H. H. Virdell	1956	212	4	Pe	4,730	160.7	Aug. 31, 1972	C, W	S	4-inch casing inside 8-inch casing, annulus filled with crushed rock; 2 gal/min measured 8-31-72.
601	Oscar Booth	Emmett Harrell & R. A. Foster	1947	899	6	K?	4,391	700R	1959	C, G	N	Cased to 20 feet, open hole below; bedrock reported at 690 feet; 2 gal/min reported in 1961.
602	Texas Pacific Land Trust	Capitan Drilling Co.	1965	1,663	N	--	4,368	--	--	N	N	Capitan Drilling Co. Devil Ridge no. 1; plugged core test drilled for Texaco Inc.; sonic, caliper, gamma-ray logs available to 450 feet, bedrock at 240 feet.
701	Mrs. R. H. Espy	--	1940's	--	6	K?	4,219	--	--	N	N	"Lucky" well; depth measured at 26 feet in 1972, dry to that depth; water had sulfur taste and odor.
802	James Stone	--	--	124	5	K?	4,314	120.7	July 10, 1972	C, W	S	Measured 3 gal/min 7-10-72; field specific conductance 1,620 umho/cm, temperature 21°C, water has sulfur ordor.
1/ 803	do	--	--	213	8	K	4,532	24.7	do	C, W	S	"Sulfur" well, 3 gal/min measured 7-10-72.
901	Mrs. R. H. Espy	--	1912	1,000	6	K	4,540	--	--	N	N	"Deep" well; originally drilled to 1,000 feet, caved to 636 feet (measured depth in 1972), no water in well in 1972; 900-foot water level reported in 1943; good-quality water reported.
1/ 902	do	--	1940's	238	6	QTal?	4,757	227.0	June 8, 1973	S, E, 1	S	"Witch" well; 12 gal/min measured 6-8-73.
64-201	Charles & Robert Dees	Charles & Robert Dees	about 1948	226	8	Pe?	4,504	143.8	Sept. 12, 1972	N	N	Originally drilled to about 325 feet, cased to 12 feet, open hole below; original yield reported 30 gal/min of good-quality water; reported drilled mostly in hard, greenish rock.
301	Charles Dees	Knox Williams	about 1916	200	5	Pe?	4,676	156.0	Aug. 24, 1972	C, E, 1	D	Cased to 12 feet, open hole below; 10-12 gal/min measured 8-24-72; field specific conductance 780 umho/cm, temperature 20.5°C.
302	Charles & Robert Dees	Charles & Robert Dees	about 1945	193	6	Pe?	4,560	157.8	Sept. 12, 1972	C, W	S	Cased to 10 feet, open hole below; reported drilled mostly in hard greenish rock.
501	Oscar Booth	W. P. Geaslin	about 1915	477	6	--	4,388	229.6	Apr. 3, 1973	N	N	Original yield reported 3 gal/min of good-quality water.
1/ 601	Southern Clay Products Co.	--	about 1931	177	6	--	4,511	174.0	Aug. 24, 1972	C, E, 1.5	D	Originally drilled to 224 feet; 3 gal/min measured 8-24-72; water level reported 160 feet in 1955.
602	Pioneer Talc Co.	--	about 1965	239	5	--	4,538	190.3	do	S, E, 3/4	Ind	Measured 2-3 gal/min 8-24-72; field specific conductance 1,000 umho/cm, temperature 24°C.
1/ 603	Oscar Booth	--	1940's	220	4	QTal?	4,492	167.4	do	S, E, 3/4	D, S	East of 2 windmills; 8 gal/min measured 8-24-72.
604	do	Cavender	1915	220	6	QTal?	4,490	163.7	do	C, W	S	West of 2 windmills; field specific conductance 900 umho/cm.
605	Paul Frame	Bill Garrett	about 1960	236	6	Qtal?	4,556	173.2	Sept. 13, 1972	C, E, 1/3	D	Cased to 8 feet, open hole below; 4 gal/min measured 9-13-72; field specific conductance 950 umho/cm, temperature 20°C.
1/ 901	Southern Pacific Railroad	Layne-Texas	1941	1,001	10	QTal	4,271	610.3	Apr. 12, 1972	N	N	Unused railroad supply well no. 2, west well of 2; tested at 40 gal/min in 1941; perforated 738-759, 781-803, 824-846, 891-913, and 957-1,011 feet; gamma-ray and temperature logs (maximum temperature 106°F) to 880 feet. 3/

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Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
FD-48-64-902	Southern Pacific Railroad	O. E. Lindholm	1908	1,000	10	QTal	4,271	--	--	N	N	Unused railroad supply well no. 1, east well of 2; 30 gal/min reported in 1943, tested at 200 gal/min in 1964.
50-06-101	E. A. Wright	H. H. Virdell	1941	115	6	K?	4,342	72.5	May 17, 1972	C, W	S	East of 2 wells, originally drilled to 150 feet; 4 gal/min measured 5-17-72; field specific conductance 2,700 umho/cm, temperature 21°C.
102	do	do	about 1964	150	6	K?	4,342	95R	1964	C, E, 1/2	S, D	West of 2 wells.
1/ 203	Mann Bramlett	do	1946	667	6	K?	4,039	391.2	May 17, 1972	C, W	D, S	--
1/ 301	Yettie Meadors	L. W. Stratton	1955	390	6	QTal	3,941	326.1 319.6	Dec. 4, 1961 May 17, 1972	S, E	S, D	"Red Light Mill", perforated 360-390 feet; 4 gal/min measured 5-17-72 when wind powered. 3/
1/ 801	Robert & Leo Guerra	Bill Applegate	about 1950	190	6	K?	4,005	171.7	July 18, 1972	C, W	S	"Cedar Canyon" windmill, originally drilled to 200 feet; 3 gal/min estimated in 1972.
901	Robert Guerra	H. H. Virdell	1944	354	6	?	3,758	292.1 288.8	Oct. 30, 1964 July 19, 1972	N	N	Oil test, Schermohorn Oil Corp.; J. W. Tidwell no. 1; originally drilled to 935 feet; bedrock at 190? feet; gamma-ray log. 3/
1/ 07-201	James Stone & Wayne Roby	Wayne Blair	1972	284	5	K?	4,381	271.3	May 24, 1972	C, W	S	Cased to 66 feet, open hole below; bedrock (sandstone) at 35? feet. 3/
202	do	--	1940's	270	--	K?	4,690	15R	--	C, G, W, S	S	"Indian Springs" mill; 4 gal/min estimated in 1972; field specific conductance 640 umho/cm.
301	R. H. Espy Est.	J. A. Kennedy	1941	200	6	K?	5,760	96.1	June 8, 1973	C, W	S	Originally reported 206 feet deep; 3 gal/min measured 6-8-73; field specific conductance 380 umho/cm, 74°F.
302	Jack Hayter	--	1940's	200±	4?	K?	5,900	191.2	do	C, W	S	Field specific conductance 340 umho/cm, 74°F.
1/ 401	Richard Weinberg	--	about 1940	510	5	QTal	3,966	460R	Oct. 30, 1964	C, W	S	"China" well, 3-4 gal/min estimated in 1973.
402	do	H. H. Virdell	1944	370	10	QTal	3,785	300.1	July 18, 1972	N	N	Oil test, J. C. Rogers no. 1 Tidwell; formerly State well no. FD-50-07-701; originally drilled to 420 feet; mostly open hole with a short(?) length of casing near land surface.
1/ 501	do	Cook Drilling Co.	1973	1,185	6	QTal	4,045	575±	Dec. 10, 1973	N	N	U.S. Geological Survey Leo Guerra no. 1 water test; jetted 85 gal/min after hole drilled; partial sample log; electric, radioactive, caliper, and temperature logs; bedrock? (volcanics?) at 1,100 feet.
601	Jack Hayter	Payne	1950's	264	6	K?	4,787	191.8	June 27, 1972	C, W	S	Black Mountain well; 3-4 gal/min estimated in 1972; field specific conductance 760 umho/cm, 24°C.
1/ 801	Richard Weinberg	--	1940's	510	6	QTal	3,924	465.9	June 29, 1972	C, W	S	"New" well; 5 gal/min estimated in 1964.
901	do	--	before 1940	510	4	Tv?, K?	4,483	350R	do	C, W	S	Red Bluff well, deepened to 510 feet in 1961; 4 gal/min measured 6-29-72; field specific conductance 860 umho/cm in 1972 and 909 in umho/cm in 1964; field chloride 54 mg/l in 1964, temperature 21°C.
1/ 08-101	Mrs. R. H. Espy	J. A. Kennedy	1940	237	5	K	4,941	78.9	Sept. 14, 1972	C, W	S	"Kennedy" well; cased to about 40 feet and open hole below; 3 gal/min measured 9-14-72.
1/ 102	do	--	--	Spring	48	K	4,761	3.8	do	C, W	S	"Eagle" spring, dug out to 6 feet depth and rock lined; windmill on spring; 3-4 gal/min estimated in 1972.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
PD-50-08-103	R. H. Espy Est.	--	about 1940	112	5	K?	5,105	65R	do	C, W	S	"Goat Canyon" wells, north well of 2; 5 gal/min estimated in 1972; good-quality water reported.
104	do	--	about 1940	208	5	K?	5,101	65R	do	C, W	S	"Goat Canyon" wells, south well of 2; 4 gal/min estimated in 1972; good-quality water reported.
201	Mrs. R. H. Espy	J. A. Kennedy	1940	90	5	QTal	4,762	37.4	Sept. 13, 1972	C, W	S	"North Carpenter" well; originally drilled to 97 feet; cased to 40 feet, open hole below; bedrock (limestone) reported at 95 feet; total at 15 gal/min when drilled.
202	do	--	1940's	40±	5	QTal	4,762	33.4	do	C, W	S	"South Carpenter" well.
901	J. C. Davis	--	--	320±	6	K	4,919	--	--	C, E	S	"Spar Valley" mill; field specific conductance 526 umho/cm and chloride 22 mg/l in 1960.
14-201	H. L. Hunt Est.	--	about 1969	--	6	K	3,730	--	--	C, E, 3/4	D, S	Water supply for Indian Hot Springs resort; good-quality water reported.
301	Jewel Babb	H. H. Virdell?	about 1940	100	5	K	3,590	50±R	Jan. 26, 1973	C, W	D, S	Reported 5 gal/min; good-quality water.
1/ 501	H. L. Hunt Est.	--	--	Spring	--	?	3,310	F	--	--	R, D	"Hot Spring" no. 1 or "Stump Spring"; rock walled; 14 gal/min flow measured 3-22-73.
1/ 502	do	--	--	Spring	--	?	3,312	F	--	E, 3/4	R, D, S	"Soda Spring"; rock walled; 2 gal/min flow and 10 gal/min pumped yield estimated in 1973.
1/ 503	do	--	--	Spring	--	?	3,312	F	--	--	R	"Bath House Spring" or "Chief Spring", dugout depression; 300-350 gal/min estimated in 1973.
1/ 504	do	--	--	Spring	--	?	3,310	F	--	--	R	"Dynamite Spring," rock walled; 2 gal/min estimated in 1973; flowed 10 gal/min prior to dynamiting in 1960's to increase flow.
1/ 505	do	--	--	Spring	--	?	3,312	F	--	--	R	"Cold Spring" or "Squaw Spring;" 6 gal/min measured 1-23-73.
506	do	H. H. Virdell	1969	70	15	Qal	3,315	5.4	Mar. 23, 1973	T, C, 45	I	East well of 2; 6-inch pump; 500 gal/min reported; field specific conductance 9,000 umho/cm.
507	do	do	1969	75	15	Qal	3,315	7.4	do	T, E, 25	I	West well of 2, owner's no. 8; perforated 22-75 feet; 6-inch pump; tested at 700 gal/min when drilled, 63 feet drawdown reported. 3/
1/ 508	do	do	1969	152	16	QTal	3,300	F	Feb. 1971	N	N	Irrigation well, owner's no. 3, plugged and abandoned because flowing salty water; perforated 0-152 feet; 4 gal/min flow estimated before plugging in 1971; water-bearing zone reported from 12-30 feet.
1/ 509	do	do	1969	80	16	Qal	3,300	6.5R	Apr. 1969	N	N	Irrigation well, owner's no. 4, plugged and abandoned because of salty water; perforated 0-80 feet.
1/ 15-101	Richard Weinberg	do	1942	114	6	QTal	3,510	28.7	June 27, 1972	C, W	N	Unused stock well, originally drilled to 160 feet; 5 gal/min estimated in 1960.
1/ 201	Robert & Leo Guerra	--	1900	460	5	QTal	3,628	185.7	June 29, 1972	C, W	S	"August" well; could not measure depth in 1972, obstruction at 234 feet; 5-6 gal/min reported in 1972.
401	Stella Kelcy	Works Progress Admin.?	about 1940	23	5	Qal	3,235	13.6	July 19, 1972	C, W	N	--

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ PD-5D-15-801	Robert & Leo Guerra	--	1900	47	4	Qal	3,236	31.3 32.8	Nov. 10, 1964 June 29, 1972	C, W	S	Formerly State well no. PD-50-15-501; originally drilled to 60 feet; 3 gal/min measured 6-29-72; water-bearing zone reported to be alluvium from 50-60 feet.
901	Robert Guerra	H. H. Virdell	1951	60	16	Qal	3,190	10.7 8.0	May 11, 1961 Nov. 15, 1973	T, G, 160	I	Owner's no. 2; 10-inch pump, 1,000 gal/min reported in 1961; reperforated with hydraulic knife in 1971; 9 tons/acre-foot (about 7,000 mg/l) dissolved solids reported in 1961.
1/ 902	do	do	early 1950's	40	15	Qal	3,190	7.2 4.7	May 11, 1961 Nov. 15, 1973	N	N	Abandoned irrigation well, originally drilled to 60 feet; 1,000 gal/min reported in 1961.
903	Robert & Leo Guerra	--	1940's	182	5	QTal	3,269	32.5 35.5	Oct. 29, 1964 June 30, 1972	C, W	S	South well of 2; 4 gal/min estimated in 1972; good quality reported.
904	do	--	1940's	104	5	QTal	3,269	74.5	do	C, W	S	North well of 2; originally drilled to 160-180 feet; 1 gal/min measured 6-30-72; field specific conductance 640 umho/cm, 24°C.
1/ 905	Robert Guerra	H. H. Virdell	about 1961	65	18	Qal	3,190	6.3	Nov. 15, 1973	T, G, 160	I	Owner's no. 1, reperforated with hydraulic knife 35-65 feet in 1971; 8-inch pump, 1,100 gal/min and 25 feet drawdown reported in 1973.
16-701	do	--	1940's	261	6	QTal	3,549	167.1 162.5	Oct. 29, 1964 Jan. 24, 1973	C, W	S	"Upper" well, originally drilled to about 380 feet; 3 gal/min reported in 1973; field chloride 10 mg/l in 1964; good-quality water reported.
702	Mrs. John Bramlett	H. H. Virdell	1963	56	6	Qal	3,215	45.0 40.6	Nov. 10, 1964 Jan. 25, 1973	N	N	"Sandhill" windmill, unused stock well, originally drilled to 60 feet; 3-4 gal/min reported; water-bearing zone reported 50-60 feet; field specific conductance 15,300 umho/cm and chloride 4,600 mg/l in 1964.
1/ 703	do	do	1963	224	6	QTal	3,352	127.8 195.3	Nov. 10, 1964 Jan. 25, 1973	C, W, E, 1/2	S	"Christmas" well, formerly State well no. PD-50-16-801; originally drilled to 260 feet; 8 gal/min measured 1-25-73; water-bearing zone reported 250-260 feet.
901	Bailey Evans	Jake Freeman	1940's	306	6	K	4,040	209.0	Oct. 19, 1972	C, G, 10	D, S	Deepened in 1963; 5 gal/min estimated in 1972; field specific conductance 650 umho/cm, 22°C.
24-201	Mrs. John Bramlett	John Bramlett	1958	58	6	QTal	3,180	37.9 32.0	Nov. 10, 1964 Jan. 25, 1973	C	N	"To" well, originally drilled to 90 feet; 5 gal/min estimated in 1964; field specific conductance 11,900 umho/cm and chloride 3,700 mg/l in 1964; water-bearing zone reported 80-90 feet.
1/ 202	do	C. R. & Mann Bramlett	1959	66	6	Qal	3,204	52.4 45.1	Nov. 10, 1964 Jan. 25, 1973	C, W, G, 3	S	"16" well, originally drilled to 78 feet; 3 gal/min measured 1-25-73; water-bearing zone reported 68-78 feet.
1/ 301	do	do	1972	330	8	QTal	3,465	198.2	Nov. 16, 1973	C, W	S, D	"Easter" well; perforated 255-330 feet; 4 gal/min measured 11-16-73; brief driller's log; used for drinking water at ranch house. 3/
501	John Bramlett Est.	John Bramlett & Sons	1951	52	14	Qal	3,155	7.0 5.0	May 11, 1961 Nov. 16, 1973	N	N	Unused irrigation well, north well of 3; originally drilled to 60 feet; 1,000 gal/min and 7 tons/acre-foot (about 5,000 mg/l) dissolved solids reported in 1961.
502	do	do	1951	70	16	Qal	3,155	7.4 5.6	May 11, 1961 Nov. 16, 1973	T, G, 45	N	Unused irrigation well, south well of 3; 1,500 gal/min and 7 tons/acre-foot (about 5,000 mg/l) dissolved solids reported in 1961; 10-inch pump column.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ PD-50-24-503	John Bramlett Est.	George Hamilton	1945	65	6	Qal	3,185	48R	May 11, 1961	C, E, 1	S	"Home" mill; 9 gal/min measured 11-16-73; field specific conductance 4,100 umho/cm in 1973; water-bearing zone reported 53-63 feet.
504	do	John Bramlett & Sons	1964	150	7	QTal	3,162	43.9 39.8	Oct. 11, 1964 Nov. 16, 1973	N	N	Unused stock well; formerly State well no. PD-50-24-101; 5-10 gal/min reported; water-bearing zone reported 140-150 feet; salty water reported.
1/ 505	do	do	about 1952	501	16	Qal	3,153	5.0	do	T	N	Unused irrigation well, middle well of 3; 8-inch pump, 1,000 gal/min reported.
1/ 51-01-301	Mrs. H. B. Mann	--	old	80	5	Qal	4,242	40.4	Nov. 29, 1972	C, W	S	"Bass Canyon" well, taps shallow stream deposits on east flank of Carrizo Mountains. Water is contaminated; very high nitrate content.
1/ 501	R. E. Herring, Jr.	--	1937	501	6	QTal	4,146	--	--	C, W	S	Casing slotted 350-500 feet.
502	do	--	old	500	6	QTal	4,147	486.0 485.0	Sept. 2, 1964 Oct. 12, 1972	N	N	--
1/ 503	J. C. Davis	Frank Harrell	1930's	530	6	QTal	4,166	481R	1973	C, E, 5	P, S	Supplies ranch headquarters; pumped 9 gal/min 10-12-72.
1/ 504	do	Xana Corp.	1974	--	--	QTal	4,188	--	--	N	N	U.S. Geological Survey J. C. Davis no. 1 water test hole; drilled and logged 2,012 feet of bolson fill, mostly clay with thin beds of sand and gravel. Progressively plugged back and jetted water samples from intervals 1,653-1,685, 1,308-1,340, 1,024-1,056, and 845-877 feet; partial sample, electric, caliper, drill-time, and radioactive logs.
1/ HL-51-01-601	W. A. Farmer	N. B. Virdell	1939	503	6	QTal	4,090	420.6	Nov. 12, 1964	C, W	S	Reported weak supply.
1/ PD-51-01-801	L. A. Mallory	--	1940's	--	8	QTal	4,253	646.5	Nov. 14, 1972	C, W, S	--	--
HL-51-02-101	W. A. Farmer	--	old	--	6	QTal	4,038	458.9	Feb. 16, 1972	C, W	S	Pumped 1.5 gal/min 2-16-72; water level rose 5.3 feet with well shut down 30 minutes.
1/ 201	do	Goaslin	old	411	6	QTal	3,961	340R	1943	C, W	D, S	North well at ranch headquarters.
202	do	L. W. Stratton	1952	554	10	QTal	3,961	350R 380.7	1958 Feb. 15, 1972	T, G	D, S	South well at headquarters; supplies house and irrigates lawns and gardens; casing slotted 350-550 feet; set 500 feet 4-inch column pipe. Pumps an estimated 150 gal/min; log shows shale, sand, and gravel to total depth. 3/
1/ 203	E. R. Filley Trust	N. B. Virdell	1941	370	6	QTal, P	3,902	274.8 275.8	Apr. 10, 1973 Jan. 13, 1974	S, E	S	Pumped 3 gal/min 4-10-73; temperature 67°F.
501	do	L. W. Stratton	194-	973	--	--	3,908	272.38 276.36	June 12, 1950 Feb. 9, 1951	--	--	Former Tex. Water Development Board water-level observation well; test hole; log shows alluvial fill to 728 feet and mostly shale and limestone (Cretaceous or Permian) from 728-973 feet. 3/
1/ 502	do	--	old	350	6	QTal	3,912	288.8	Apr. 10, 1973	C, W	S	--
1/ 601	Mrs. C. F. Wadell	Virdell	1942	391	6	QTal, P	4,050	360R	Feb. 8, 1951	C, E, 1.5	D, S	Supplies ranch headquarters.
602	E. R. Filley Trust	L. W. Stratton	1949	500	16	QTal	3,928	141.65 141.89 141.30	May 3, 1950 Feb. 8, 1950 Mar. 8, 1950	N	N	Drilled for irrigation, destroyed; former Tex. Water Development Board water-level observation well. Log shows interbedded shale, sand, and gravel to 385 feet, and red shale from 385-500 feet. 3/

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Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

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HL-51-02-701	Tom Bennett	L. W. Stratton	1942	600	--	--	4,450	--	--	N	N	Reported drilled to 600 feet; seep of water at 40 feet (base of alluvium?). Destroyed.
801	R. E. Herring, Jr.	R. A. Foster	1963	65	6	Tv	4,028	26.2	Jan. 14, 1972	C, W	S	Formerly State well no. HL-51-02-914; drilled at site of old "Van Horn" wells, stage stand on the San Antonio-San Diego route. Log shows dirt, gravel, and large boulders to 44 feet; rocks with cracks and water 44-48-feet; and white and gray shale with sandy streak 48-65 feet. 3/
1/ 901	W. P. Sauer	Fred Scroggins	1949	380	16	QTal	3,947	90.50 229.32	Feb. 8, 1951 Jan. 15, 1973	T, Ng	Irr	Set 240 feet 8-inch column pipe and 4 stages of 10-inch bowls; discharged 585 gal/min in 1967. Irrigated 80 acres of cotton and feed in 1973; former Tex. Water Development Board water-level observation well.
902	Barnabus (Joe) Smallwood	John Alexander	1948	382	10	QTal	3,948	103.21 107.6	Nov. 17, 1950 Feb. 8, 1951	N	N	Drilled to 910 feet; plugged back to 382 feet, slotted casing 220-282 feet; reported drawdown of 50.6 feet pumping 1,200 gal/min when drilled. Log shows shale, sand, and gravel to 770 feet; lava wash and red, white, and brown shale 770-884 feet; and bedrock 884-910 feet. Destroyed and replaced by well HL-51-02-917. Former Tex. Water Development Board water-level observation well. 3/
1/ 903	do	L. W. Stratton	1950	421	16	QTal	3,947	102.4 195.9 233.42	Feb. 28, 1951 Feb. 7, 1963 Jan. 18, 1973	T, Ng	Irr	Log shows alluvium to total depth. Measured discharges: 720, 810, and 830 gal/min in 1967, 1968, and 1973. Tex. Water Development Board water-level observation well. 2/ 3/
904	E. R. Filley Trust	do	1950	400	16	QTal	3,934	133.52 194.6 222.20	Feb. 8, 1951 Feb. 7, 1963 Jan. 15, 1973	N	N	Former Tex. Water Development Board water-level observation well. Water from upper (perched) zone enters well and cascades down casing.
1/ 905	do	do	1950	406	16	QTal	3,938	137.87 194.10	May 2, 1950 Jan. 7, 1963	T, Ng	Irr	Log shows alluvium to total depth; set 300 feet 8-inch column pipe; discharged 800 gal/min 5-17-73. Former Tex. Water Development Board water-level observation well. 3/
906	do	do	1949	364	16	QTal	3,940	132.24 194.76 228.20	June 22, 1949 Feb. 7, 1963 Jan. 15, 1973	N	N	Reported drawdown of 75 feet pumping 1,150 gal/min when drilled; gamma-ray log to 364 feet. Tex. Water Development Board water-level observation well. 2/
1/ 907	do	do	1950	407	16	QTal	3,943	141.10	May 2, 1950	T, Ng	Irr	Set 300 feet 8-inch column pipe; discharged 785 gal/min 5-17-73; log shows alluvium to total depth. 3/
908	Cecil Shearer	Fred Scroggins	1950	387	16	QTal	3,956	112.85 233.8	Feb. 8, 1951 Jan. 14, 1972	S, E	D	Drilled for irrigation; had 106 feet drawdown pumping 448 gal/min in 1951. Converted to domestic supply. Former Tex. Water Development Board water-level observation well.
909	E. R. Filley Trust	L. W. Stratton	1949	400	16	QTal	3,938	98.97 131.60	Apr. 21, 1950 Sept. 8, 1951	N	N	Casing slotted 180-400 feet; drawdown of 63 feet pumping 786 gal/min for 12 hours in 1949. Abandoned and replaced by well HL-51-02-909. Former Tex. Water Development Board water-level observation well.
1/ 910	Barnabus (Joe)	Fred Scroggins	1950	385	16	QTal	3,952	100R 102.7	Jan. 1950 Feb. 28, 1951	N	N	Destroyed; replaced by well HL-51-02-912. Former Tex. Water Development Board water-level observation well.

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Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ HL-51-02-911	Cecil Shearer	R. Gaffey	1955	574	16	QTal	3,956	164.3 198.94 247.64	Jan. 24, 1956 Feb. 9, 1962 Jan. 15, 1973	T, E	Irr	Set 16-inch casing to 490 feet; slotted 320-490 feet, set 12-inch slotted liner from 480-549 feet; discharged 970 gal/min with pumping level at 264 feet 8-15-73. Tex. Water Development Board water-level observation well.
912	Barnabus (Joe) Smallwood	--	--	--	14	QTal	3,952	180.05 202.65 241.81	Jan. 27, 1960 Feb. 9, 1962 Jan. 15, 1973	T, Ng	Irr	Tex. Water Development Board water-level observation well.
913	E. R. Filley Trust	L. W. Stratton	1949	--	--	QTal	3,933	153.18 154.18	May 3, 1950 Feb. 8, 1951	N	N	Log shows alluvium to total depth of 406 feet. Set 406 feet 16-inch casing; later abandoned well and pulled casing. Former Tex. Water Development Board water-level observation well. 3/
914	do	W. P. & C. Gesslin	1911	600	10	QTal	3,961	89.12 164.75	Aug. 26, 1943 Jan. 16, 1958	N	N	Formerly State well no. HL-51-03-704; reported well was drilled to promote irrigation at Lobo during the early 1900's. Well and pump were not very efficient and venture failed. Converted well to stock supply; plugged at 230 feet, and dry in 1972.
915	do	--	--	--	6	QTal	3,939	128.28	Feb. 8, 1951	N	N	Used for stock supply; plugged and capped in 1960. Former Tex. Water Development Board water-level observation well.
916	Wm. F. Sauer	--	old	145	6	QTal	3,955	112.30	Aug. 24, 1943	N	N	Destroyed stock well; former Tex. Water Development Board water-level observation well.
917	Barnabus (Joe) Smallwood	--	--	--	16	QTal	3,948	143.14 233.77 238.40	Jan. 24, 1956 Jan. 14, 1972 Jan. 15, 1973	N	N	Replaced well HL-51-02-902, 100 feet west; former Tex. Water Development Board water-level observation well.
918	do	--	1949	385	14	QTal	3,955	100R 151.20 228.95	June 1949 Jan. 28, 1957 Jan. 15, 1973	C, W	S	Drilled for irrigation; reported drawdown of 70 feet pumping 500 gal/min in 1949. Converted to stock supply; former Tex. Water Development Board water-level observation well.
919	do	--	--	--	14	QTal	3,955	135.87 240.10 244.70	Jan. 23, 1954 Jan. 13, 1972 Jan. 15, 1973	N	N	Unused irrigation well; former Tex. Water Development Board water-level observation well.
920	E. R. Filley Trust	Burkholder Bros.	1964	408	16	QTal	3,944	230.6	Jan. 13, 1972	T, Ng	Irr	Set 300 feet 8-inch column pipe; log shows alluvium to total depth. 3/
921	Barnabus (Joe) Smallwood	Fred Scroggins	1949	385	16	QTal	3,965	230.1	do	S, E	D	Drilled for irrigation; reported well would only pump 200 gal/min; converted to domestic supply.
922	Cecil Shearer	do	1950	463	16	QTal	3,945	--	--	T, Ng	Irr	Deepened from 400-463 feet by R. A. Foster; set 300 feet 8-inch column pipe; reported discharge 850 gal/min; log shows alluvium to 456 feet and red rock from 456-463 feet. 3/
923	Southern Pacific Railroad	O. E. Lindholm	1917	437	12	QTal	3,943	94R 227.4 233.4	Aug. 1917 Jan. 13, 1972 Jan. 15, 1973	N	N	North well at Lobo siding. Casing: 12-inch to 90 feet; 10-inch 80-222 feet, slotted 162-202 feet; 8-inch 202-437 feet, slotted 397-437 feet. Reported drawdown of 6 feet pumping 150 gal/min when drilled. Log shows clay, sand, and gravel to 381 feet; and stratified water-bearing formation from 381-437 feet; gamma-ray log to 247 feet. 3/

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
HL-51-02-924	Southern Pacific Railroad	J. W. Jackson	1929	426	12	QTal	3,944	92R 227.0	Mar. 1927 Jan. 13, 1972	C, E, 1.5	D	South well at Lobo siding. Casing: 12-inch to 370 feet, 8-inch liner to 400 feet; 6-inch 400-426 feet; casing slotted 367-425 feet. Formerly supplied water for locomotives; currently supplies 2 trailers for railroad section crews. Log shows alluvium to total depth, and strong water zone in coarse sand and gravel 472-428 feet. 3/
925	Cecil Shearer	Fred Scroggins	1963	535	16	QTal	3,969	--	--	T, Ng	Irr	Log shows alluvium to 378 feet, red rock 378-390 feet; sand and gravel (hard) 390-465 feet; sand and gravel 465-517 feet; and hard conglomerate 517-535 feet. Lost circulation at 535 feet; set casing to 520 feet. 3/
1/ 926	do	--	--	438	16	QTal	3,965	162.05 205.08 246.15	Jan. 28, 1957 Feb. 7, 1963 Jan. 16, 1973	T, Ng	Irr	Formerly State well no. HL-51-03-701; casing slotted 180-400 feet; set 340 feet 8-inch column pipe; drawdown of 17.7 feet pumping 250 gal/min for 23 hours in 5-61. Discharged 600 gal/min 8-11-66 and 550 gal/min 4-29-68; aquifer-test data. Tex. Water Development Board water-level observation well.
1/ 927	J. L. Agnew, et al	--	1958	--	16	QTal	3,962	162.60 214.39	Jan. 16, 1958 Feb. 11, 1969	T, Ng	Irr	Formerly State well no. HL-51-03-702; replaced well HL-51-02-928, 300 feet north. Discharged 625 gal/min 7-67; former Tex. Water Development Board water-level observation well.
928	do	L. W. Stratton	1949	463	16	QTal	3,960	90R 144.6	June 1949 Jan. 23, 1955	N	N	Formerly State well no. HL-51-03-705, destroyed; replaced by well HL-51-02-927. Log shows shale, sand, and gravel to 456 feet and very hard red rock 456-463 feet; former Tex. Water Development Board water-level observation well. 3/
1/ 929	E. R. Filley Trust	Burkholder Bros.	1964	422	16	QTal	3,938	225.5	Jan. 14, 1972	T, Ng	Irr	Set 330 feet 8-inch column pipe; reported discharge 800 gal/min in 1972; log shows clay, sand, and gravel to total depth. 3/
1/ 03-201	Albert Ivy	--	1938	967	--	P	4,453	--	--	C, W	S	Reported drilled in limestone from 30 feet to total depth. Set 960 feet of column pipe.
1/ 401	Mrs. C. F. Waddell	--	1937	60	7	Qal or Tv	4,170	31.5	Feb. 16, 1972	C, W	S	Called "rock tank" well; taps shallow alluvial or volcanic deposits in Christopher Draw.
1/ 402	do	--	1966	550±	5	QTal	4,096	--	--	C, W	S	Replaced well 521 feet deep at this location; water sampled from old well in 1943.
501	L. E. Sloan	H. H. Virdell	1966	600	7	Ti?	4,300	394R	Jan. 1966	S, E, 2	S	Log shows dirt to 2 feet; clay and lava 2-75 feet; gray and blue slate with shale breaks 75-510 feet; and gray rotten or honeycombed granite 510-600 feet; casing slotted 555-600 feet. 3/
701	Clayton McDonald	--	--	400	14	QTal	4,016	281.9	Jan. 15, 1973	T, Ng	Irr	Formerly State well no. HL-51-03-703; reported well is partly caved.
1/ 801	H. M. Walker	--	--	400	6	QTal	4,164	269.7 291.33	Aug. 26, 1943 Jan. 16, 1958	N	N	Obstacle at 295 feet (dry hole) in 1972; former Tex. Water Development Board water-level observation well.
802	Kesey-Weinacht	--	--	--	16	QTal	4,165	379.4 380.7	Feb. 17, 1972 Jan. 16, 1973	C, W C, G	S	Drilled for irrigation; converted to stock supply; the water levels in wells 801 and 802 show about 110 feet decline for the period 1943-73.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
HL-51-04-101	Cockrell	Cosden Petroleum Corp.	1953	3,700	--	--	4,004	--	--	--	--	Oil test on upthrown side of east Wylie Mountain fault, Cosden Petroleum Corp. Cockrell no. 1; reported drilled Permian rocks to 2,920 feet and Precambrian below. No water-bearing strata reported; electric log 750-3,700 feet.
201	Evergreen Farms	--	1938	625	7	P	3,995	450.6 451.6	Feb. 18, 1971 Feb. 14, 1972	N	N	Called "Alkaseltzer" well; reported top of limestone at 20 feet; abandoned.
202	do	--	1960's	--	5	P	4,014	476.8	Feb. 23, 1971	C, G	S	Replaced old "Alkaseltzer" well.
203	do	Bippy Taylor	1973	640	16	QTal	3,963	418.6	Sept. 19, 1973	N	N	Drilled 24-inch hole to 640 feet; set 16-inch casing, slotted 470-640 feet; gravel packed; acidified with 4,000 gallons of HCl. Log shows shale, sand, and gravel to 630 feet, and hard sand from 630-640 feet. Reported insufficient supply for irrigation. 3/
501	Garren	W. L. Kornrumpf, et al	1933	1,280	--	--	4,077	--	--	--	--	W. L. Kornrumpf, et al, Garren no. 1 oil test; partial log shows gravel and red rock to 475 feet, limestone 475-610 feet, sand (water) 610-615 feet, and limestone 650-1,000 feet; reported 100, 120, and 440 feet of water in hole at depths of 615, 640, and 1,000 feet, respectively. 3/
PS-51-05-701	M. O. Means	--	1955	200	7	QTal, Tv	4,305	124.4	Aug. 21, 1972	C, W	S	--
PD-51-09-101	Charles Hoosier	--	old	305	6	K	4,525	263.7	Oct. 13, 1972	N	N	Called "Joe Williamson" well.
1/ 102	do	--	1950	--	6	QTal	4,347	537.6 530.9	Nov. 12, 1964 Nov. 11, 1972	C, W	S	Called "west Taylor" well, reported water quality is best on ranch. Pumping 4 gal/min 11-14-73; water level recovered 1.3 feet with well shut down 1 hour.
1/ 103	do	--	old	183	6	K	4,284	130.5	Oct. 18, 1972	C, W	S	Called "Medicina" well; water is gyppy. Pumping 5 gal/min 10-18-72.
104	do	--	1920's	142	6	K	4,320	117.2	do	N	N	Unused, but reportedly good quality and supply.
201	L. A. Mallory	W. P. & C. Gaslin	1909	1,600	--	--	4,230	--	--	--	--	Bottomed in red clay; reported insufficient supply (about 2 gal/min from 700 feet); abandoned.
1/ HL-51-09-301	Charles Hoosier	--	1943	>500	6	K	4,456	>500	1972	C, W	S	Reported good quality and dependable supply.
PD-51-09-401	do	--	1943	>462	6	K	4,308	462R	Oct. 18, 1972	C, W	S	Called "Squaw" well. Specific conductance, field test 1,350 umho/cm.
1/ 501	do	Gaslin & Cummings	1909	280	7	QTal	4,005	143.9 138.6	Nov. 11, 1964 Oct. 18, 1972	C, W	S	Called "Red Mills and Double" wells; reported strong supply and good quality.
502	do	do	--	242	7	QTal	4,005	137.4	do	N	N	North well of 2, abandoned.
1/ 503	do	- Grogan	1926	344	8	QTal	4,085	234.4 230.0	Nov. 11, 1964 Oct. 18, 1972	C, W	S	Called "Mica" well; formerly supplied mine, 2.6 miles northeast.
801	do	--	old	97	6	Qal?	3,972	23.0	Oct. 19, 1972	C, W	S	Taps shallow alluvial deposits overlying contact of tertiary volcanics and cretaceous rocks; reported good quality and strong supply.
1/ 802	do	--	1951	100	6	QTal?	3,865	21.4 24.1	Nov. 12, 1964 Nov. 16, 1972	C, W	S	Taps shallow alluvial deposits, east side of Green River Draw.
803	do	--	old	--	36	Qal	3,856	8.9	do	C, W	N	Dug in Green River channel; rock curbing.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
HL-51-09-901	Tom Bennett	--	old	285	6	QTal	4,020	218.2	Nov. 16, 1972	C, W	S	Discharged 4-5 gal/min 11-16-72; reported water is good quality.
902	Huber Corp.	L. W. Stratton?	--	280	5	QTal	4,080	259.8	Mar. 13, 1974	C, W	S	Specific conductance, field test 600 umho/cm.
10-101	Tom Bennett	--	1940's	421	4	K	4,700	410.3	Nov. 30, 1972	C, W	S	Set 2-1/2-inch column pipe; reported good quality.
102	do	--	1930's	19	78	K	5,035	5.0	do	C, W	S	Called "High Lonesome" well; dug in Cox Sandstone (Cretaceous) near contact with overlying Hogeye tuff. Discharged estimated 15 gal/min in 1972; specific conductance, field test 600 umho/cm; springflow of about 5 gal/min in creek bed 100 feet upstream from well.
103	do	L. W. Stratton	1949	>800	6	K	4,684	>500	do	C, G	S	Called "Deep" well; reported pump set at about 800 feet.
301	Pete Green	Krump & Lindeman	1949	425	16	QTal	3,969	140R	Aug. 1949	N	N	Owner's no. 1; log shows alluvium to total depth. Reported pumping level at 209 feet discharging full 8-inch pipe when drilled; not used since 1967; well is partly caved. 3/
302	Terry Lowe	L. W. Stratton	1949	400	--	--	3,994	280.37	May 2, 1950	N	N	Drilled to 400 feet in alluvium; plugged back to 332 feet and set 7-inch casing; pulled casing and abandoned in 1951. 3/
1/ 303	Pete Green	Ted Lindeman	1949	403	16	QTal	3,967	108R 248.3	Aug. 1949 Jan. 7, 1972	T, Ng	Irr	Owner's no. 2; reported drawdown of 19 feet pumping a full 8-inch pipe in 1949. Discharged 565 gal/min 7-19-67; log shows clay, sand, and gravel to 360 feet; "conglomeration" from 360-391 feet; and clay 391-403 feet. 3/
304	do	Krump & Lindeman; L. Hoskins	1949 1972	415 500	16	QTal	3,966	117.4 247.1	Nov. 17, 1950 Jan. 6, 1972	T, Ng	Irr	Owner's no. 3; drilled to 415 feet in 1949; reported pumping level at 170 feet discharging a full 8-inch pipe when drilled; water level and yield declined; deepened to 500 feet in 1972 and set 14-inch slotted liner; reported regained full 8-inch discharge. 3/
1/ 305	do	L. W. Stratton	1960	325	16	QTalTv	3,994	202.4 242.0 245.2	July 13, 1960 Jan. 6, 1972 Jan. 17, 1973	T, Ng	N	Owner's no. 10; drilled to 521 feet; log shows alluvium to 269 feet, and hard lava, red rock, and red shale (volcanics) 269-521 feet. Set casing with slotted interval 200-325 feet; gravel packed annulus; set 260 feet 8-inch column pipe. Drawdown of 37.1 feet pumping 600 gal/min for 9 days in 1960; discharged 215 gal/min 7-67 and 160 gal/min 4-68; used only for stock supply in 1972; not pumped in 1973. 3/
306	do	do	1957	400	16	QTal	3,972	196.4 243.0 247.6	July 13, 1960 Jan. 7, 1972 Jan. 17, 1973	T, Ng	Irr	Owner's no. 9; casing slotted 180-400 feet; set 260 feet 8-inch column pipe and 4 stages of 12-inch bowls. Drawdown of 17.9 feet pumping 625 gal/min for 9 days in 1960; log shows clay, sand, and gravel to 279 feet; and shale with conglomerate 279-400 feet. 3/
307	Ryon St. Clair	--	1957	400	16	QTal	3,955	156.72 241.05	Jan. 28, 1957 Jan. 15, 1973	T, Ng	Irr	Set 320 feet 8-inch column pipe; irrigated 140 acres of grass and grain in 1973; former Tex. Water Development Board water-level observation well.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ HL-51-10-308	Barnabus (Joe) Smallwood	Fred Scroggins	1949 1972	386 450	16	QTal	3,959	102.1 156.95 234.30	Feb. 28, 1951 Jan. 18, 1957 Jan. 12, 1972	T, Ng	Irr	Deepened from 386-450 feet in 1972; set 14-inch liner, slotted 240-450 feet; installed 320 feet of 8-inch column pipe. Discharged 740 gal/min 4-10-73; former Tex. Water Development Board water-level observation well.
1/ 309	James Thomas	--	1949	350	14	QTalTv	3,986	105R 201.67 244.82	June 1949 Feb. 10, 1962 Jan. 12, 1972	T, Ng	Irr	Log shows alluvium to 200 feet; no record 200-280 feet; lava 280-310 feet; sand and gravel 310-350 feet; and hard rock at 350 feet. Reported drawdown of 35 feet pumping 1,100 gal/min in 1949; discharged 540 gal/min 5-17-73; Tex. Water Development Board water-level observation well. 3/
310	I. W. Smallwood	Fred Scroggins	1950	350	16	QTal	3,971	105R 114.51	Jan. 1950 Nov. 17, 1950	N	N	Reported pumped 700 gal/min in 1950; destroyed and replaced by well HL-51-10-323 in 1953; former Tex. Water Development Board water-level observation well.
1/ 311	Brewster Farms	--	old	187	6	QTal	3,983	82.3 90.32 82.53	Aug. 24, 1943 Feb. 10, 1962 Jan. 18, 1973	C, E	D, S	Taps water-bearing zone perched above the regional water table; former Tex. Water Development Board water-level observation well.
1/ 312	Barnabus (Joe) Smallwood	Fred Scroggins	1949	350	16	QTal	3,955	99.1 203.60	Feb. 28, 1951 Jan. 15, 1973	S, E	D, S	Drilled for irrigation; casing slotted 100-350 feet; converted to domestic supply; comparatively high mineral content in water indicates possible contamination. Former Tex. Water Development Board water-level observation well.
313	Ryon St. Clair	--	--	316	16	QTal	3,955	131.18 136.51	Jan. 23, 1954 Jan. 23, 1955	N	N	Casing filled to 60 feet in 1972; former Tex. Water Development Board water-level observation well.
1/ 314	Barnabus (Joe) Smallwood	Fred Scroggins	1951	444	16	QTal	3,960	131.96 178.38 238.90	Jan. 23, 1954 Feb. 10, 1961 Jan. 15, 1973	T, Ng	Irr	Reported 350 feet deep in 1951 and 444 feet in 1954; pumping 745 gal/min 8-16-73; water level recovered 59.1 feet with well shut down 12 hours. Former Tex. Water Development Board water-level observation well.
315	Tex. Highway Dept.	--	1938	274	8	QTal	3,962	90.2 102.46	July 30, 1943 Mar. 7, 1952	N	N	Formerly used for highway construction; plugged at 90 feet in 1972; former Tex. Water Development Board water-level observation well.
316	Pete Green	Ted Lindeman	1949	435	16	QTal	3,973	125R 112.9	Aug. 24, 1949 Feb. 28, 1951	T, Ng	Irr	Owner's no. 4; set 208 feet slotted pipe; reported water level at 163 feet pumping a full 8-inch pipe when drilled. 3/
317	Barnabus (Joe) Smallwood	Fred Scroggins	1950	315	16	QTalTv	3,975	100R 248.32	Apr. 18, 1950 Jan. 17, 1973	T, Ng	Irr	Casing slotted 100-215 feet; open hole 215-315 feet; reported rock (volcanics?) at 215 feet; drawdown of 60 feet pumping 850 gal/min when drilled; discharged 840 gal/min 1-15-73. Former Tex. Water Development Board water-level observation well.
318	Terry Lowe	--	old	295	8	QTal	3,964	97.96 165.54	Aug. 23, 1943 Jan. 16, 1958	N	N	Called "Espy" well; formerly supplied an old adobe house; caved at 250 feet and dry in 1972. Former Tex. Water Development Board water-level observation well.
319	do	L. W. Stratton	1949	363	16	QTal	3,970	168.04 115.90 259.55	May 3, 1950 Feb. 9, 1951 Jan. 17, 1973	N	N	Log shows mostly clay or shale to 295 feet; and interbedded shale, sand, and gravel 295-385 feet; gamma-ray log. Former Tex. Water Development Board water-level observation well. 3/
320	W. A. Gamble	Fred Scroggins	1949	350	16	QTal	3,972	100R 167.84	1949 May 2, 1950	N	N	Destroyed; former Tex. Water Development Board water-level observation well.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
HL-51-10-321	Brewster Farms	Jim Williams	1949	355	14	QTal	3,978	85.09 100.41	June 21, 1949 Mar. 7, 1952	N	N	Reported drawdown of 30 feet pumping 1,100 gal/min in 1949; log shows alluvium to total depth; destroyed; replaced by well HL-51-10-324; 50 feet west. Former Tex. Water Development Board water-level observation well. 3/
1/ 322	do	do	1948	385	14	QTal	3,981	101.30 121.28 116.70	June 21, 1949 Nov. 17, 1950 Feb. 9, 1951	T, Ng	Irr	Reported drawdown of 75 feet pumping 900 gal/min in 1950; discharged 860 gal/min 4-11-73. Former Tex. Water Development Board water-level observation well.
1/ 323	I. W. Smallwood	--	--	--	16	QTal	3,971	141.78 203.50 248.48	Jan. 23, 1954 Feb. 10, 1962 Dec. 8, 1972	T, Ng	Irr	Discharged 640, 940, and 540 gal/min 8-16-68, 1-17-73, and 4-11-73, respectively; Tex. Water Development Board water-level observation well.
324	Brewster Farms	Brewster Farms	1966	605	16	QTal	3,985	202.23 231.13	Jan. 17, 1967 Jan. 18, 1973	T, Ng	Irr	Casing slotted 350-605 feet; gravel packed; set 290 feet 10-inch column pipe and 5 stages of 14-inch bowls. Tex. Water Development Board water-level observation well.
1/ 325	I. W. Smallwood	--	--	500	16	QTal	3,978	233.2	Jan. 11, 1972	T, Ng	Irr	Deepened 325-500 feet by L. Hoskins in 1973; set 240 feet 14-inch liner, slotted 280-500 feet, and 380 feet 8-inch column pipe; reported maximum yield is 500 gal/min.
326	W. A. Gamble	Fred Scroggins	1949	400	16	QTal	3,975	256.1	do	T, Ng	Irr	Set 300 feet slotted casing.
1/ 327	do	--	--	--	16	QTal	3,970	247.8	do	T, Ng	Irr	Discharged 990 gal/min 6-14-67; casing wet below 100 feet in 1972.
1/ 328	I. W. Smallwood	L. W. Stratton	1948	354	18	QTal	3,980	93R 92R	1948 1971	S, E, I.5	D	Drilled for irrigation. Casing: 18-inch to 260 feet, slotted 80-110 feet and 160-260 feet; 14-inch 254-354 feet, slotted 300-354 feet; reported drawdown of 47 feet discharging 1,300 gal/min for 6 days in 1948. Owner reports casing is plugged at 318 feet and pump is set at 130 feet in 1971; well taps perched zone containing slightly saline water. 3/
329	C. L. Bell	--	old	129	6	QTal	3,970	92.87 110.75	Aug. 26, 1943 Mar. 7, 1952	N	N	Formerly State well no. HL-51-11-104; former Tex. Water Development Board water-level observation well. Plugged at 105 feet and dry in 1973.
330	John Harper	--	old	160	6	QTal	3,979	80.4 91.07	Aug. 26, 1943 Feb. 9, 1951	N	N	Formerly State well no. HL-51-11-105; former Tex. Water Development Board water-level observation well. Dry in 1973.
1/ 331	C. L. Bell	Threatt	1949	411	16	QTal?Tv?	3,985	79.74 157.34 200.25	June 22, 1949 Feb. 7, 1963 Jan. 16, 1973	T, E, 150	Irr	Formerly State well no. HL-51-11-101. Drawdown of 47 feet pumping 1,090 gal/min in 1951; pumping 1,630 gal/min from 10-inch pipe in 1973; Tex. Water Development Board water-level observation well. 3/
332	Barnabus (Joe) Smallwood	Travis Snyder	1959	305	16	QTal	3,975	190.46 252.85	Feb. 10, 1961 Jan. 16, 1973	T, Ng	Irr	Formerly State well no. HL-51-11-103; reported drawdown of 18 feet pumping 476 gal/min for 24 hours in 1960. Tex. Water Development Board water-level observation well.
1/ 333	Morton Bros.	--	1958	350	16	QTal	3,976	--	--	T, Ng	Irr	Formerly State well no. HL-51-11-104; discharged 525 gal/min 4-10-73; subsequently added 20 feet 8-inch column pipe (327 feet total) and reportedly pumped a full pipe.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ HL-51-10-334	J. H. Harper	R. A. Foster	1964	312	16	QTal	4,004	186.07 205.79	Nov. 8, 1966 Jan. 13, 1973	T, Ng	Irr	Formerly State well no. HL-51-11-106; casing slotted to total depth; estimated discharge 700 gal/min 1-16-73; driller reported alluvium to 312 feet and hard rock (volcanics?) below. Tex. Water Development Board water-level observation well.
1/ 335	Pete Green	Ted Lindeman	1949	267	16	QTalTv	4,003	95R 161.15 208.47	Sept. 15, 1949 Feb. 10, 1961 Jan. 17, 1973	T, Ng	Irr	Owner's no. 5; driller reported lava wash 234-240 feet, lava 240-262 feet, and black lime 262-267 feet; water from "honeycombed" rock; casing slotted 67-267 feet; has 240 feet 10-inch column pipe. Discharged an estimated 1,400 gal/min 4-10-73; Tex. Water Development Board water-level observation well.
1/ 336	William B. Sauer	Fred Scroggins	1962	300	14	QTal	3,977	249.0	Jan. 12, 1972	T, Ng	Irr	Set 270 feet 8-inch column pipe; discharged 555, 444, and 360 gal/min 8-11-66, 7-19-67, and 8-13-68.
401	Tom Bennett	--	1940's	83	6	Tv	4,700	60.7	Dec. 1, 1972	C, W	D, S	South well of 2 at Carpenter Lodge; specific conductance, field test 570 umho/cm.
1/ 601	Jones Bros.	L. W. Stratton	1949	375	16	QTalTv	4,012	95R 149.21 178.45	Oct. 15, 1949 Feb. 10, 1960 Jan. 17, 1973	T, Ng	Irr	Log shows shale, sand, and gravel to 375 feet with "lime" in intervals 208-219 and 221-226 feet. Discharged 570 and 705 gal/min 4-29-68 and 4-11-73, respectively; Tex. Water Development Board water-level observation well. 3/
602	Pete Green	do	1955	359	16	QTalTv	4,015	198.4 202.5 205.8	Jan. 10, 1972 Apr. 10, 1972 Jan. 17, 1973	N	N	Drilled to 288 feet and set 16-inch casing; deepened to 387 feet and set 13-inch casing; partial log shows lava 288-298 feet, gray to red shale and gravel 298-369 feet, and lava rock 369-387 feet. Caved or plugged at 359 feet in 1973; gamma-ray log, could not get probe below 359 feet. 3/
1/ 603	Roger Arnold & Jack Lacy	--	1950	--	16	QTal	4,043	116.08 175.4 193.44	Feb. 28, 1951 Feb. 7, 1963 Jan. 18, 1973	T, Ng	Irr	Drawdown of 43.6 feet pumping 900 gal/min for 4-1/2 hours 5-19-61; discharged 800 gal/min with pumping level at 244.4 feet 12-1-72; pumping 660 gal/min 5-11-73; aquifer-test data. Tex. Water Development Board water-level observation well.
604	Gary Stratton	L. W. Stratton	1949	368	16	QTalTv?	3,990	86R 160.53 180.10	Nov. 1949 Feb. 10, 1961 Jan. 18, 1973	T, N	N	Casing: 16-inch to 285 feet, 14-inch 275-268 feet; log shows shale, sand, and gravel to 368 feet with an interval of lime and sand 190-203 feet. Tex. Water Development Board water-level observation well. 2/ 3/
1/ 605	Third Land & Cattle Co.	do	1949	360	14	QTal	4,009	100R 122.40 166.60	Jan. 15, 1949 Mar. 7, 1952 Jan. 18, 1973	T, Ng	Irr	Log shows alluvium to total depth; former Texas Water Development Board water-level observation well. 3/
1/ 606	Jack Lacy	do	1950	355	16	QTal	4,048	106.95	Feb. 28, 1951	T, Ng	Irr	Discharged 690 gal/min 3-11-73; obstruction at 120 feet in 1973. Former Texas Water Development Board water-level observation well. 3/
607	W. A. Farmer	do	1958	200	16	Tv	4,010	131.68 149.05 160.73	Feb. 10, 1961 Jan. 17, 1967 Jan. 17, 1973	T, Ng	Irr	Reported sand and clay to 154 feet; volcanic rock yields most of the water from 154-190 feet; and clay 190-200 feet. Reported 10 feet of drawdown pumping 2,400 gal/min in 1960; Tex. Water Development Board water-level observation well.
608	C. D. Wyche	do	1949	397	16	QTalTv	4,023	111.57 173.67	May 2, 1950 Dec. 7, 1972	T, E, 100	Irr	Log shows alluvium to 60 feet, broken limestone 60-65 feet, and alluvium with stringers of lime and lava rock 65-397 feet. Former Tex. Water Development Board water-level observation well. 3/

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ HL-51-10-609	Jack Lacy	--	--	--	14	QTal	4,037	195.6	Dec. 2, 1971	T, Ng	Irr	Discharged 805, 640, and 760 gal/min 8-11-66, 11-29-68, and 4-11-73.
610	Third Land & Cattle Co.	--	1937	185	6	QTal	4,002	75.52 149.90 152.85	Feb. 9, 1951 Dec. 2, 1971 Jan. 18, 1973	C, W	S	Former Tex. Water Development Board water-level observation well.
1/ 611	do	--	--	--	14	QTal	4,002	156.6	do	T, Ng	N	Not pumped in 1972-73.
1/ 612	Dick Guest	L. W. Stratton	1949	340	16	QTal	4,030	184.3	Dec. 2, 1971	T, Ng	Irr	Log shows alluvium to total depth. 3/
1/ 613	do	--	--	350	16	QTal	4,022	175.6	Nov. 30, 1971	T, Ng	Irr	Discharged 600 gal/min 1-18-73.
1/ 614	Third Land & Cattle Co.	H. E. Stanton	1971	625	16	QTalTv	4,033	146.2 150.7	Dec. 1, 1971 Jan. 17, 1973	T, E, 125	Irr	Formerly State well no. HL-51-11-102. Casing slotted 320-625 feet; gravel packed; pumping level at 177.9 feet discharging 960 gal/min 12-10-71. Log shows alluvium to 100 feet; volcanic rock 100-260 feet; and yellow clay, gravel, and rock 260-625 feet. 3/
615	Jack Lacy	L. W. Stratton	1950's	335	16	QTal	4,018	172.78 174.82 176.50 180.41	Jan. 13, 1970 Jan. 18, 1971 Mar. 6, 1972 Feb. 21, 1973	N	N	Unused irrigation well; water-level recorder installed in 1969; gamma-ray log. Tex. Water Development Board water-level observation well.
1/ 616	C. D. Wyche	do	1949	383	16	QTalTv?	4,033	114R 177.54	Apr. 15, 1949 Feb. 10, 1969	N	N	Formerly State well no. HL-51-11-401; pumping level at about 140 feet discharging 850 gal/min for 30 days in 1949; abandoned. Has railroad tie in casing at 170 feet in 1972. Log shows alluvium to 383 feet with "black lime" (volcanics?) in interval 123-176 feet. Former Tex. Water Development Board water-level observation well. 3/
1/ 617	do	do	1949	381	16	QTalTv?	4,025	95.32 98.97 160.75 162.36	June 22, 1949 Feb. 28, 1951 Dec. 2, 1971 Jan. 17, 1973	T, E, 100	Irr	Formerly State well no. HL-51-11-404; log shows alluvium to 384 feet with interval of "black lime" 127-145 feet; discharged an estimated 900 gal/min in 1973. Former Tex. Water Development Board water-level observation well. 3/
1/ 618	Pete Green	Ted Lindeman	1949	417	16	QTal	4,028	114R 110.52	Sept. 1949 Nov. 17, 1950	T, Ng	Irr	Formerly State well no. HL-51-11-405. Casing: 16-inch to 361 feet and 12-3/4-inch 356-422 feet; slotted 110-160 feet and 265-417 feet; partial log shows alluvium 249-417 feet. Discharged 842, 390, 598, and 520 gal/min 9-12-51, 8-11-66, 7-19-67, and 4-29-68. Former Tex. Water Development Board water-level observation well. 3/
619	Jones Bros.	--	--	--	16	QTal	4,008	--	--	T, Ng	Irr	Formerly State well no. HL-51-11-406; discharged an estimated 740 gal/min 3-11-73.
620	C. D. Wyche	--	--	--	16	QTal	4,030	154.4 156.4	Dec. 1, 1972 Jan. 17, 1973	T, Ng	Irr	--
621	Gary Stratton	L. W. Stratton	1950	--	14	QTal	3,993	110.2 191.0	Feb. 28, 1951 Jan. 5, 1972	T, Ng	Irr	--
622	Arnold & Lacy	--	1952	--	14	QTal	4,030	146.5 150.2	Nov. 30, 1971 Jan. 18, 1973	T, Ng	Irr	--
1/ 623	James Lane	R. A. Foster & J. M. Wilkes	1974	--	14	QTalTv	3,989	--	--	T, Ng	Irr	Drill samples indicate younger alluvium to 320 feet, older poorly-sorted alluvial fill and interbedded volcanics 320-685 feet; chips of reddish brown to gray and olive green rhyolite or andesite at 615 and 635 feet; gamma-ray log to 411 feet.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ HL-51-10-901	Thomas Griffen	--	1953	400	16	QTal	4,050	133.60 168.90 189.35	Jan. 26, 1953 Jan. 27, 1965 Jan. 18, 1973	T, G	Irr,S	Pumped only for stock supply in 1972-73; Tex. Water Development Board water-level observation well. 2/
902	do	L. W. Stratton	1950	400	--	QTal	4,047	129.80 170.23	June 11, 1950 Jan. 17, 1967	N	N	Destroyed irrigation well; log shows alluvium to total depth. Former Tex. Water Development Board water-level observation well. 3/
903	C. D. Wyche	--	1956	--	12	QTal	4,053	161.07 150.96 161.51	Feb. 10, 1961 Jan. 27, 1965 Jan. 18, 1973	T, G	N	Formerly State well no. HL-51-11-701; not pumped in 1972-73. Tex. Water Development Board water-level observation well.
1/ 904	Third Land & Cattle Co.	--	--	420?	16	QTal	4,047	180.6	do	T, Ng	Irr	Formerly State well no. HL-51-10-614; pumping 650 gal/min 4-1-73.
11-101	John Sparks	--	--	--	10	QTalTv	4,020	214.2	Jan. 16, 1973	S, E	D, S	Drilled on north side of Solo Hill, outcrop of volcanic (trachyte) rock.
102	Kesey-Weinacht	--	--	455	16	QTalTv	4,062	259.2	do	N	N	Unused irrigation well.
301	J. F. Garren	J. H. Barrow	1971	275	7	Tv	4,410	55R	1971	S, E	S	Casing slotted 175-275 feet; log shows dirt to 10 feet and mostly gray to red rock below; reported water in gravel stringers at 110-111 feet and 200-201 feet; pump set at 250 feet. 3/
401	Kesey-Weinacht	--	old	230	5	Tv	4,202	205.8	Jan. 16, 1973	C, W	S	--
1/ 402	Pete Green	L. W. Stratton	1949	390	16	QTalTv	4,042	120R 141.06 181.58	Sept. 1949 May 10, 1950 Jan. 17, 1973	T, Ng	Irr	Owner's no. 6; reported weak supply; set 6-inch column pipe; log shows alluvium to 227 feet and interbedded lime, lava, gravel, and shale 227-390 feet. Former Tex. Water Development Board water-level observation well. 3/
1/ 403	Third Land & Cattle Co.	L. W. Stratton	1949	422	16	QTalTv	4,042	105.78 158.98 179.07	June 22, 1949 Feb. 10, 1972 Jan. 17, 1973	S, E, 1	D, S	Drilled for irrigation, reported pumped 300 gal/min in 1950; converted to domestic well in 1954; log shows alluvium to 422 feet with interval of red rock 68-85 feet. Tex. Water Development Board water-level observation well. 2/ 3/
PS-51-11-801	C. C. Means	--	old	345	8	Tv	4,222	319.4	June 23, 1972	C, W	S	Called "Segundo" well.
901	do	--	old	470	8	Tv	4,416	434.3	do	C, W	S	Called "Crosby" well; discharged 1.75 gal/min 6-23-73; specific conductance, field test 440 umho/cm.
12-201	do	--	--	180	5	Tv	4,338	166.6	June 22, 1972	C, W	S	Called "Hogeye" well; specific conductance, field test 900 umho/cm.
1/ 301	M. D. Means	--	--	87	6	Qal?	4,243	77.6	do	S, E, 1.5	S	Called "Creek" well; located on east bank of Bunton Draw at ranch headquarters.
501	C. C. Means	--	--	400	6	Tv	4,465	386.1	do	C, W	S	Called "Esperanza" well; specific conductance, field test 550 umho/cm.
801	do	--	--	350	6	Tv	4,408	326.2	Mar. 27, 1972	C, W	S	Called "Venture" well; discharged 3 gal/min 3-28-72; specific conductance, field test 450 umho/cm; reported water is corrosive.
901	do	--	old	59	6	Qal?	4,443	25.6	June 23, 1972	N	N	Called "Mayfield" well; formerly supplied abandoned ranch house; reported weak supply.
13-501	M. D. Means	--	--	450	6	Tv	4,445	412R	1959	C, W	S	Called "Bellis" well; pump set at 440 feet; discharged an estimated 5 gal/min 5-30-59.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
PS-51-13-701	M. O. Means	--	--	400	6	Tv	4,403	327R	1958	C, W	S	Called "Nine-mile" well; 16-foot mill and 3-inch column pipe.
PD-51-17-201	Moody Bennett	John McSpadden	1947	113	6	QTal?	3,600	110.8	Mar. 13, 1974	C, W	S	Owner's no. 6 well.
1/ 202	Bailey Evans	--	--	234	6	QTal?	3,719	227.6	do	C, W	S	Called "Escondido" well.
1/ 301	Huber Corp.	L. W. Stratton	1950's	455	5	QTal?	3,906	432.1	do	C, W	S	Owner's no. 18, pumping 6 gal/min 3-13-74.
501	Moody Bennett	--	--	spring	--	Qal	3,383	F	--	N	S	"Mesquite" spring; estimated flowing 12-15 gal/min in 1-74 and 3-74; specific conductance, field test 440 umho/cm.
PS-51-17-601	Bailey Evans	John McSpadden	1947	230	6	K or Tv?	3,670	190.8	Mar. 14, 1974	C, W	S	Owner's no. 3; reported drilled into hard rock with blue-gray and brown rock below.
1/ 701	Moody Bennett	L. W. Stratton	1954	100	16	Qal?	3,152	30.8	Mar. 12, 1974	T, E, 30	Irr	Reported discharged 1,500 gal/min, pumping level about 54 feet in 1961 and 64 feet in 1974; log shows soil and conglomerate to 10 feet and alluvium below. 3/
1/ 702	do	do	1954	100	16	Qal?	3,145	29.5	do	T, E, 30	Irr	Set 20-inch casing with 16-inch liner; packed annulus with gravel; reported water from intervals 36-45 feet and 8-100 feet; large black boulders from about 84-92 feet (main water zone).
PS-51-17-801	do	Fred Scroggins	1963	130	6	QTal	3,206	113.6	do	C, W	S	--
901	Bailey Evans	John McSpadden	1946	237	6	Tv or K?	3,634	206.6	Mar. 14, 1974	C, W	S	Owner's no. 1, wooden tower; located on gravel-capped ridge with volcanics and conglomerate below; reported drilled into white lime and hard conglomerate.
902	do	do	1946	275	6	Tv or K?	3,637	233.5	do	C, W	S	Owner's no. 4; reported strong supply and good quality.
903	do	--	--	spring	--	Qal?	3,360	F	--	--	--	"Catclaw" spring; estimated flowing 3 gal/min 3-13-74; specific conductance, field test 650 umho/cm.
1/ PS-51-19-101	H. & C. Thanisch	L. W. Stratton	1949	448	16	QTal	4,085	134R 176.60	Apr. 1950 Jan. 24, 1964	S, E, 3/4	D	Drilled for irrigation; reported pumped 650 gal/min in 1950; converted to domestic supply; log shows alluvium to total depth; well is partly plugged. Former Texas Water Development Board water-level observation well. 3/
102	do	do	1951	436	14	QTal	4,083	142.71 186.43 185.65	Feb. 28, 1951 Apr. 13, 1972 Jan. 19, 1973	T, G	Irr	Casing slotted 100-430 feet; set 6-inch column pipe; reported pumped 200-300 gal/min in 1951; former Texas Water Development Board water-level observation well.
103	Third Land & Cattle Co.	--	old	--	6	QTal	4,093	142.55 145.05 150.95	July 21, 1943 Feb. 9, 1951 Mar. 7, 1952	N	N	Abandoned and replaced by well PS-51-19-110, 25 feet west; former Texas Water Development Board water-level observation well.
1/ 104	Olen Lane	L. W. Stratton	1950	480	16	QTal	4,092	136.35 182.48 201.90	May 2, 1950 Feb. 10, 1962 Jan. 19, 1973	T, E, 100	Irr	Set 16-inch casing to 322 feet and 12-inch 290-480 feet; perforated 322-480 feet. Drawdown of 53 feet pumping 770 gal/min for 7 days in 8-51; Texas Water Development Board water-level observation well. 2/ 3/
105	John Hancock Co. (Ted Brewster)	do	1950	500	16	QTal	4,094	141.14 175.40	May 2, 1950 Feb. 10, 1961	T, G	Irr	Casing; 16-inch to 377 feet, 12-inch 356-500 feet; perforated 429 feet of pipe; log shows shale, sand, and gravel to total depth; specific conductance, field test 340 umho/cm. Reported pumped 100 gal/min in 1950; former Texas Water Devel. Board water-level observation well. 3/

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
PS-51-19-106	John Hancock Co. (Ted Brewster)	--	--	--	14	QTal	4,093	157.63 160.69	Jan. 24, 1950 Jan. 19, 1950	T, G	Irr	Former Texas Water Development Board water-level observation well.
107	do	L. W. Stratton	1950	--	--	QTal	4,094	141.13 142.20	Apr. 18, 1950 May 2, 1950	N	N	Drilled to 282 feet, well caved, casing pulled and well abandoned in 1955. Former Texas Water Development Board water-level observation well. 3/
108	do	do	1949	450	16	QTal	4,092	139.91 142.30 159.99	Apr. 18, 1950 Feb. 9, 1951 Jan. 24, 1955	N	N	Casing: 16-inch to 307 feet, 14-inch 280-450 feet; reported tested at 1,100 gal/min when drilled; caved at 183 feet in 1972; log shows shale, sand, and gravel to total depth; gamma-ray log to 183 feet. Former Texas Water Development Board water-level observation well. 3/
109	Third Land & Cattle Co.	--	1937	355	7	QTal	4,118	169.7 196.06 235.83	July 21, 1943 Jan. 29, 1957 May 17, 1973	C, W	S	Former Texas Water Development Board water-level observation well.
110	do	--	1953	235	6	QTal	4,093	168.50 209.40	Jan. 19, 1956 Apr. 13, 1972	C, W	S	Former Texas Water Development Board water-level observation well.
111	John Hancock Co. (Ted Brewster)	--	--	--	14	QTal	4,098	206.7	Jan. 19, 1973	T, E, 75	Irr	Discharged 390 gal/min 4-13-72; specific conductance, field test 390 umho/cm, temperature 72°F.
112	J. W. Orr, et al (Olen Lane)	--	--	--	14	QTal	4,103	--	--	T, E, 100	Irr	Specific conductance, field test 280 umho/cm, temperature 73°F.
113	H. J. & C. L. Thannisch (Nugent & Ivey)	Brewster Bros.	1966	660	16	QTal	4,080	186.0	June 22, 1972	T, E, 50	Irr	Casing perforated 210-660 feet; set 280 feet 6-inch column pipe; reported discharge 440 gal/min in 1960; specific conductance, field test 280 umho/cm; log shows shale, sand, and gravel to total depth. 3/
201	J. W. Orr, et al	--	old	151	6	QTal	4,062	124.3 147.60	July 21, 1943 Jan. 17, 1958	N	N	Dry hole in 1960, formerly supplied Chispa-Van Horn Creek railroad spur. Former Texas Water Development Board water-level observation well.
1/ 202	C. C. Means	L. W. Stratton	1969	425	6	QTal	4,105	158.5 205R	Aug. 23, 1943 1969	S, E, 1.5	D, S	Replaced old well, 189 feet deep at this location; water level measured in 1943 was in abandoned well; set 273 feet of column pipe.
1/ 203	do	Emmitt Harrell	1948	447	16	QTal	4,102	159.3 190.43 209.07	Feb. 28, 1951 Feb. 10, 1963 June 16, 1973	T, E, 75	Irr	Casing: 16-inch to 304 feet, 14-inch to 447 feet, slotted 304-447 feet; set 250 feet 8-inch column pipe. Texas Water Development Board water-level observation well. 3/
1/ 301	John Eudy	L. W. Stratton	1950	585	16	QTal	4,139	197.29 230.82 247.59	June 13, 1950 Feb. 10, 1962 Jan. 19, 1973	T, E, 100	Irr, D, S	Set 290 feet 8-inch column pipe and 5 stages of 8-in. bowls; drawdown of 33 feet pumping 950 gal/min for 28 hours 8-15-51. Reported pumping level at 272 feet discharging 990 gal/min for 2-3 weeks 4-67; irrigated 350 acres from 2 wells in 1973. Texas Water Development Board water-level observation well. 3/
302	Jim Cook	Fred Scroggins	1953	830	16	QTal	4,130	194.75 196.58 225.85	Jan. 24, 1955 Jan. 19, 1956 Jan. 19, 1973	T, E, 50	Irr, D, S	Set 300 feet 6-inch column pipe; former Texas Water Development Board water-level observation well.
1/ 303	John Eudy	do	1953	483	16	QTal	4,127	204.65 235.55 237.79	Jan. 19, 1956 June 20, 1972 Jan. 19, 1973	T, E	Irr	Set 290 feet 8-inch column pipe; discharged 835 gal/min 6-16-73. Former Texas Water Development Board water-level observation well.
304	C. C. Means	--	old	312	5	QTalTv	4,184	282.7	June 21, 1972	C, W	S	Called "Verendo" well.
801	J. K. Miller Est.	--	1930	450+	6	QTalTv	4,416	220.6	Sept. 26, 1972	C, W	S	Called "96" well; specific conductance, field test 500 umho/cm.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
PS-51-19-901	R. C. Ridley Est.	--	--	--	5	QTal	4,173	163.0	Sept. 27, 1972	C, W	S	--
902	J. K. Miller Est.	--	1931	170	6	QTal	4,197	109.35 114.82	Jan. 24, 1955 Dec. 7, 1972	C, W	S	Formerly State well no. PS-51-27-301; owner's "two-section" well. Texas Water Development Board water-level observation well.
20-201	C. C. Means	--	--	265	6	Tv	4,440	244.4	June 21, 1972	C, W	S	Called "Ocatea" well.
301	do	--	--	292	5	Tv	4,422	253.3	do	C, W	S	Called "Crow" well.
1/ 401	Mrs. Fordbell Est.	--	--	280	6	QTalTv	4,205	244.0 254.9	June 21, 1961 Sept. 23, 1972	C, W	S	Discharged 2 gal/min 9-27-72.
402	Southern Pacific Railroad	--	old	270	7	QTalTv	4,210	237.4 259.8	Aug. 13, 1948 Sept. 23, 1972	N	N	Formerly supplied section house at Wendell siding.
501	Alfred Means	--	1950's	360	8	QTalTv	4,320	329.2	Sept. 25, 1972	C, W	S	Owner's "Sauerkraut" well.
801	do	--	--	375	8	QTalTv	4,323	318.9	Sept. 27, 1972	C, W	S	Owner's "Caliche" well; drilled for highway construction; converted to stock well.
1/ 21-101	do	--	1942	350	8	Tv	4,488	312.3	Sept. 25, 1972	C, W	S	Called "Butterfield" well; set 345 feet 3-inch column pipe; discharged 3 gal/min 9-25-72.
201	do	--	--	432	6	Tv	4,595	414.4	Sept. 22, 1972	C, W	S	Owner's "Sacahuista" well; reported weak supply.
501	do	--	old	460	7	Tv	4,608	442.0	do	C, W	S	Called "Antelope" well.
701	do	Emmitt Harrell	1950	365	16	Tv	4,532	12.9	Sept. 25, 1972	N	N	Set 16-inch casing to 40 feet (in alluvium?), open hole 40-365 feet (in volcanics?); reported discharge 100 gal/min with pumping level at 130 feet in 1950.
22-701	Lynn Crittendon	--	1942	110	6	Tv	5,058	78.6	Oct. 10, 1972	C, W	S	Owner's "Pipeline" well; set 100 feet 3-inch column pipe; discharged 2 gal/min 10-10-72.
1/ 801	do	--	1950's	200	8	Tv	5,130	139.6	do	T, G	D, S	North well at ranch headquarters; reported discharge 125 gal/min; pumps dir st 200 gal/min.
1/ UW-51-25-201	L. Moody Bennett	John McSpadden	1950	48	16	Qal	3,084	14.0	Mar. 19, 1974	T, E	Irr	Originally drilled to 70 feet and cased to 60 feet, perforated 20-60 feet, open hole below, filled in to 48 feet in 1974; set 40 feet 10-inch column pipe. Measured 2,000 gal/min in 1974; pumping water level 41.8 feet in 1961.
1/ 202	do	--	--	68	16	Qal	3,082	6.3	Mar. 18, 1974	T, E	Irr	Originally drilled to 70 feet; 10-inch pump set at 57 feet; 1,000 gal/min measured, 20 gal/min/ft specific capacity reported in 1974.
203	do	Wayne Blair	1971	70	5	Qal	3,115	30.9	do	S, E	S	Estimated 12-15 gal/min in 1974; field specific conductance 3,300 umho/cm, temperature 21°C.
1/ 204	do	do	1970	51	5	Qal	3,081	11.5	do	N	N	Originally drilled to 80 feet.
205	do	John McSpadden	1952	65±	16	Qal	3,075	4.6	Mar. 20, 1974	N	N	Irrigation well unused since 1956; 800-900 gal/min estimated in 1956; water salty.
1/ PS-51-25-301	do	--	--	spring	--	--	3,235	--	--	--	S	Ash Spring, 10-15 gal/min estimated in 1974.
302	do	--	--	spring	--	--	3,230	--	--	--	S	Seepy area west of Ash Spring about 40 feet in diameter; 3-4 gal/min estimated in 1974; field specific conductance 600 umho/cm, temperature 25°C.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
UW-51-25-303	L. Moody Bennett	L. W. Stratton	1953	100	6	Qal	3,129	55.8	Mar. 17, 1974	S, E	D	South of 2 wells; pump set at 97 feet; field specific conductance 2,200 umho/cm, temperature 21.5°C.
305	Jim Barrow	Poker Harris	1952	54	18	Qal	3,082	14.4	Mar. 20, 1974	N	N	Unused irrigation well, north of 2 irrigation wells; originally drilled to 112 feet, cased and perforated 0-110 feet, caved in; 900 gal/min reported in 1950's. Field specific conductance of bailed sample 3,000 umho/cm.
306	do	do	1952	40	18	Qal	3,077	10.98	do	T	N	Unused irrigation well, not completed; cased and perforated 0-40 feet; 8-inch pump set at 35 feet.
601	Dick Guest	--	1950's	60	16	Qal	3,062	8.2	June 5, 1974	T, E	Irr	10-inch pump; 1,000 gal/min and salty water reported.
1/ 602	do	--	--	204	18	QTal	3,063	6.6	do	J, E	S	Irrigation well used for stock supply; 18 gal/min measured in 1974.
603	do	--	--	96	14	Qal	3,063	7.8	do	T, E	N	Unused irrigation well; 8-inch pump; field specific conductance 4,000 umho/cm, temperature 19°C.
1/ 604	do	--	--	83	8	Qal	3,102	51.2	do	C, W	S	--
605	do	Donham Drilling Co.	1963	23	18	Qal	3,065	8.9	do	T	N	Unused irrigation well, originally drilled to 75 feet and cased and perforated 0-62 feet, filled in with silt; 8-inch pump; salty water reported. 3/
606	do	R. A. Foster	1963	120	8	QTal	3,075	30R	Aug. 6, 1963	C, E	D, S	Cased to 120 feet, perforated 90-118 feet. 3/
901	do	--	1940's	37	5	Qal	3,060	17.7	June 5, 1974	C, E	D, S	Field specific conductance of water in tank 6,000 umho/cm.
1/ PS-51-27-301	J. K. Miller Est.	Chil Ridley	1949	304	16	QTal	4,215	94.48 96.92 99.70 102.47	Jan. 24, 1955 Jan. 31, 1957 Jan. 1, 1958 Sept. 26, 1972	T, G	D, S, Irr	Formerly State well no. PS-51-27-602; set 150 feet 10-inch column pipe, 3 stages of 14-inch bowls; reported pumps 1,000 gal/min. Former Texas Water Development Board water-level observation well.
302	do	L. W. Stratton	1948	425	20	QTal	4,254	78.31 80.62 74.70	Jan. 24, 1955 Jan. 27, 1965 Dec. 7, 1972	T, G	Irr	Formerly State well no. PS-51-27-604. Casing: 20-inch to 200 feet; 7-inch 200-425 feet, slotted; reported main water zone is gravel in interval 200-285 feet; log shows alluvium to total depth. Drawdown of 49 feet pumping an estimated 250 gal/min 9-16-60, reported discharge 375 gal/min in 1970. Texas Water Development Board water-level observation well. 3/
501	do	--	1945	275	8	Tv	4,473	227.1	Sept. 26, 1972	C, W	S	Owner's "Rooseveldt" well.
601	do	--	--	147	6	QTalTv	4,358	131.8	do	C, W	S	Owner's "Cydell" well.
UW-51-27-602	Clay Miller	--	1951	195	6	QTalTv	4,424	173.1	Nov. 10, 1972	N	N	Standby well for ranch headquarters.
1/ 603	do	--	--	spring	--	Tv	4,600	F	--	N	D, S	Lower Z-H Canyon spring, supplied calvary station during early 1900's; water is piped to ranch headquarters for domestic and stock supply. Estimated 360 gal/min flow, 500 feet upstream from diversion point 11-10-72.
1/ 801	do	--	--	spring	--	Tv	5,150	F	--	N	N	Upper Z-H Canyon spring; estimated flow 3 gal/min 3-25-55.
PS-51-28-101	Mrs. Fordbell Est.	--	--	325	5	QTalTv	4,290	291.8	Sept. 26, 1972	C, W	S	--
301	Priest & Peavyhouse	--	--	320	5	QTalTv	4,370	307.4	Sept. 27, 1972	C, W	S	--

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ PS-51-28-302	Two-Bar Land & Cattle Company	Wheeler Cass	1975	922	16	QTalTv	4,372	312R	June 1975	T, E, 500	Irr	Owner's test no. 10, well no. 1; set 16-inch blank casing to 330 feet, slotted 330-670 feet; set 10-inch slotted casing 650-730 feet; open hole 730-922 feet in black volcanic rock. Set 500 feet 10-inch column pipe; reported pumping 1,400 gal/min 4-76. 3/
601	Alfred Rooseveldt	James Cass	old	435	6	QTalTv	4,360	305.2 313.7	Mar. 24, 1955 Apr. 24, 1972	C, W	S	Called "Vaca Muerte" well; reported weak supply; deepened 360-435 feet in 1972.
1/ 602	do	--	1931	107	6	QTal	4,325	--	--	C, W	S	Called "Foley" well; taps shallow alluvial or lake deposits.
1/ 603	Two-Bar Land & Cattle Company	Wheeler Cass	1975	620	16	QTalTv	4,332	--	--	T, E, 250	Irr	Owner's test no. 8, well no. 2. Casing: 16-inch to 620 feet, slotted 300-620 feet. Reported soil to 10 feet, clay and gravel streaks 10-190 feet, gravel and clay 190-560 feet, and black rock (water from crevice) 560-620 feet; set 500 feet 10-inch column pipe. Reported 1,250 gal/min for 12 hours during development test; electric log. 3/
604	do	Dick Baker	1974	450	5	QTsl	4,355	--	--	--	S	Owner's test hole no. 9 drilled to 910 feet; reamed hole to 450 feet and set 5-inch casing; will be used for stock supply. Electric log to 910 feet; reported clay, sand, and gravel to 835 feet and basalt 835-910 feet. 3/
1/ UW-51-28-701	King Ranch, Inc.	Chil Ripley	1956	1,001	7	Tv	4,535	382.3 383.4	Mar. 1956 Apr. 18, 1974	N	N	U.S. Army Corps of Engineers test hole 3-A, Vieja Peak project; drilled to 505 feet, set 7-inch casing, slotted 384-505 feet. Pumped an average of 16.3 gal/min for 100 minutes and had 107.7 feet drawdown 2-23-56; aquifer-test data. Deepened to 1,001 feet, set 5-1/2-inch liner, slotted 384-1,001 feet; pumped an average of 13.3 gal/min for 14 hours and had 422 feet drawdown. Pulled 5-1/2-inch casing and capped well; log shows gravel and boulders to 73 feet; alluvium and tuff 73-87 feet; and tuff, tuffaceous sandstone, bentonitic clay, and minor amounts of rhyolite 87-1,001 feet.
1/ 801	Alfred Rooseveldt	--	old	400	7	QTalTv	4,325	263.2	Nov. 9, 1972	S, E, 2	D, S	South well of 2 at ranch headquarters.
1/ 901	Worth Evans	Lee Murphy Drilling Co.	1971	320	6	QTalTv	4,355	212.3 211.2	Mar. 22, 1955 Sept. 10, 1973	C, W	S	Replaced old well 280 feet deep at this location; water sampled and water level measured in old well in 1955. Log shows clay, sand, and gravel to 180 feet; volcanic rock 180-198 feet; and clay, sand, and gravel 198-320 feet. 3/
1/ 902	Clay Evans	Hayden-Farmer Drilling Company	1974	375	2	QTalTv	4,370	224.4 223.0 223.6	May 1, 1973 June 19, 1974 Mar. 15, 1976	N	N	U.S. Geological Survey Clay Evans no. 1 water-test hole; drilled and logged to 2,000 feet; progressively plugged back and jetted. Water samples from intervals 1,135-1,165, 971-1,001, 850-880, and 345-375 feet, respectively; set 225 feet 10-3/4-inch casing and 375 feet 2-inch, slotted 345-375 feet. Sample, electric, caliper, drill-time, and radioactive logs.
29-101	Alfred Means	--	old	295	5	QTal	4,455	211.1 211.4	Sept. 22, 1972 Aug. 14, 1973	S, E, 1.5	S	Called "Dutch girl" well; discharged 3 gal/min with pumping level at 238.6 feet 4-11-72; water level recovered to 215.7 feet with well shut down 20 minutes.
102	Cole Means	O. H. Killam	1951	8,370	--	--	4,448	--	--	--	--	Oil test O. H. Killam Cole Means no. 1; reported alluvial deposits to 528 feet; tertiary volcanics 528-6,560 feet; and cretaceous rocks 6,560-8,370 feet. Sample log; electric log 1,099-8,350 feet. 3/

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Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ PS-51-29-103	Valentine Ind. School District	R. A. Foster	1962	407	7	QTal	4,443	210R	Oct. 1962	S, E, 3	P	Casing: 10-inch to 80 feet; 7-inch liner surface to 407 feet, slotted 210-385 feet; water level 219 feet 8-14-73 with well pumping intermittently. Supplies school, 4 houses, and irrigates lawns.
1/ 104	City of Valentine	Emmitt Harrell	1944	870	8	QTalTv	4,433	270R	1948	T, E, 25	P	Reported discharge 80 gal/min in 1948, supplied 103 customers in 1973.
1/ 105	Southern Pacific Railroad	Layne-Texas	1937	867	12	QTalTv	4,426	313.4	Feb. 8, 1974	N	N	Owner's no. 4 well, Valentine station, formerly supplied locomotive boilers and diners. Casing slotted 336-862 feet; reported drawdown of 86 feet pumping 150 gal/min for 18 hours in 1937. Log shows clay, sand, and gravel to 504 feet (alluvium); and rock, clay, sand, and gravel (volcanics?) 504-867 feet; radioactive, caliper, temperature, and fluid-conductivity logs 803-807 feet. 3/
401	Worth Evans	--	--	260	5	QTal	4,475	241.4	Nov. 6, 1972	C, W	S	Discharged 2-1/4 gal/min 11-6-72; specific conductance, field test 310 umho/cm.
402	do	--	--	345	7	QTal	4,435	254.8	Aug. 14, 1973	C, W	D, S	--
1/ 801	do	--	1937	400	7	QTalTv	4,534	307.3	Sept. 29, 1972	C, W	S	Supplied water for drilling oil test, H. D. Wilcox, Jones and Coffield no. 1; 150 feet east. Oil test drilled to 3,747 feet and abandoned; scout ticket shows "hole full of water" at 2,615 feet and in interval 2,910-2,990 feet (in cretaceous?).
UW-51-29-901	do	--	1950	355	5	QTal	4,614	316.4	Nov. 6, 1972	C, W	S	Discharged 3 gal/min in strong wind 11-6-72; specific conductance, field test 270 umho/cm.
1/ PS-51-30-301	Ben Gearhart, Jr.	--	1957	135	4	Tv	5,400	--	--	S, E, 1/2	D, S	Supplies ranch headquarters and waters about half of ranch (80 sections) via pipeline and stock tanks spaced at 3-mile intervals; well is pumped nearly continuously.
1/ 601	Jones Cattle Co.	--	--	10	4	Tv	5,160	F	Nov. 8, 1972	C, W	D, S	South well of two at ranch headquarters; flowing an estimated 5 gal/min over top of casing, 0.5 foot above ground level 11-8-72. Estimated total flow from this well, a dug well, and nearby seeps was 20 gal/min.
801	do	--	1934	457	12	Tv	4,956	363.8	Sept. 28, 1972	N	N	Supplied water for drilling oil test, C. M. Joiner, et al, Jones & Coffield no. 1 at this location; oil test drilled to 5,042 feet and abandoned. Log of oil test shows "granite wash" (slope wash) to 225 feet; mostly lava, conglomerate, gravel, sand, ash, and clay (volcanics) 225-3,844 feet; and hard and soft lime (cretaceous) 3,844-3,977 feet. Reported 4 barrels of water per hour (2.8 gal/min) from volcanic glass at 260 feet and a little water from sand at 1,054 feet. 3/
1/ 31-701	Dunham Land Inc. (Barrel Springs Ranch)	--	--	150	5	Tv	5,398	14.0	Nov. 8, 1972	S, E, 15	D, S	--
702	do	--	old	15	48	Tv	5,280	11.2	do	C, W	N	West well at ranch headquarters; dug, rock wall to total depth.
UW-51-34-301	Gulf Coast Realty Co.	--	1940's	162	5	Tv	3,612	148.5	June 5, 1974	C, W	S	"Soldier Mill" well; field specific conductance 950 umho/cm.

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WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ UW-51-34-302	I. T. May	--	1950	500	5	Tv?	3,738	248.6	June 6, 1974	C, W	S	"Quinn Mill" well.
1/ 401	Julio Sanchez	--	1974	21	10	Qal	3,012	5.5	June 16, 1974	Cf, G	Irr, S	Originally drilled to 35 feet; 30 gal/min estimated in 1974.
601	Gulf Coast Realty Co.	--	--	spring	--	--	3,440	F	--	--	D, S	"Quinn Camp" spring; 3 gal/min estimated 6-5-74; field specific conductance 600 umho/cm, 23°C.
901	do	--	--	spring	--	--	3,350	F	--	--	S	"Sitter" springs' 4 gal/min measured 6-9-74; field specific conductance 500 umho/cm, 24°C.
35-101	I. T. May	Diamond McSpadden	1952	150	6	Tv	3,966	81.7	June 5, 1974	C, W	S	"Tunnel Mill" well, originally drilled for water supply for oil test (UW-51-35-403); field specific conductance 4,800 umho/cm.
401	do	--	--	spring	--	--	3,720	F	--	--	D, S	"Newman" spring, 4 gal/min measured 6-6-74; field specific conductance 600 umho/cm, 18°C.
402	do	Stanolind Oil & Gas Co.	1945	5,004	12	--	3,882	--	--	N	N	Stanolind Oil & Gas Co. Presidio Trust no. 1 oil test, electric log 500-5,004 feet.
403	do	N. B. Hunt	1953	8,111	13	--	3,845	--	--	N	N	N. B. Hunt Toodle Trust no. 1 (Presidio Trust no. 1) oil test; cased to 524 feet; electric logs 524-8,108 feet.
801	do	--	--	spring	--	--	4,000	F	--	--	S	"White" spring; 3-4 gal/min measured flow 6-9-74; field specific conductance 480 umho/cm, 23°C.
802	do	George McSpadden	1951	450	--	--	3,830	--	--	C, W	S	Good water quality reported.
803	W. R. Loveless	--	--	spring	--	--	4,000	F	--	--	S	Coldwater spring; 8-9 gal/min estimated in 1974; field specific conductance 550 umho/cm, 17°C.
36-101	King Ranch, Inc.	West Texas Exploration Company	1962	595	5	QTalTv	4,540	255R	July 6, 1972	N	N	Owner's test hole no. 4, casing slotted 542-585 feet; log shows clay and gravel to 52 feet; black sand 52-56 feet; volcanic rock 56-63 feet; black sand 63-120 feet; sand and gravel 120-585 feet; and sandstone 585-595 feet. Reported bailed 15 gal/min for 2 hours with no drawdown when drilled. 3/
201	do	do	1972	830	7	QTalTv	4,536	340R	June 23, 1972	N	N	Test hole no. 2, casing slotted 640-680 feet; log shows soil, clay, sand, sod gravel to 123 feet; black pepper sand 123-418 feet; gravel 418-545 feet; sandstone 548-587 feet; sand and gravel 587-772 feet; and sandstone with quartz stringers 772-830 feet. Reported bailed 40 gal/min with no drawdown when drilled. 3/
202	Conring	H. D. Wilcox	1946	4,523	--	--	4,483	--	--	--	--	Oil test H. D. Wilcox Conring no. 1; reported base of "lava" at 2,020 feet.
301	Jones & Coffield	H. D. Wilcox, et al	1940	2,384	--	--	4,395	--	--	--	--	Oil test H. D. Wilcox Jones & Coffield no. 3; electric log and driller's reports indicate base of volcanics (top of cretaceous) at 1,965 feet.
302	Nancy Ann Ranch	Virdell Drilling Co.	1966	345	7	QTal?	4,455	276R	1966	C, W	D, S	Casing slotted 316-345 feet; log shows clay and sand to total depth. 3/
1/ 401	King Ranch, Inc.	--	1939	390	4	QTalTv	--	--	--	--	--	--
501	do	West Texas Exploration Company	1972	740	--	QTalTv	4,625	350R	June 29, 1972	N	N	Test hole no. 3; log shows clay, sand, and gravel to 265 feet; volcanic rock 265-275 feet; gravel 275-330 feet; black pepper sand 330-600 feet; and sand with clay streaks 600-740 feet. 3/

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UW-51-36-502	King Ranch, Inc.	West Texas Exploration Company	1972	755	--	QTalTv	4,660	468R	June 16, 1972	N	N	Test hole no. 1. 3/
1/ 601	Nancy Ann Ranch	Wheeler Cass	1971	750	16	QTalTv	4,520	315R 318R	Nov. 20, 1971 Oct. 1974	T, G	Irr	Drilled 26-inch hole, set 16-inch casing, slotted 450-750 feet, gravel packed with 87 yeards; set 400 feet 10-inch column pipe; reported drawdown of 26 feet pumping 1,400 gal/min for 16 hours 10-74. Log shows sandy clay to 58 feet; boulders 58-63 feet; and clay, sand, and sandstone 63-750 feet; irrigates 520 acres of pasture and feed. 3/
1/ 701	King Ranch, Inc.	--	1945	240	6	QTalTv	5,440	143.1 131R	Mar. 23, 1955 1973	C, W	S	Called "White" well; set 172 feet of column pipe; water contains high silica content and low total dissolved solids.
37-401	Nancy Ann Ranch	--	old	272	6	--	--	249.2	Mar. 21, 1955	C, W	S	--
501	Cay Howard	H. H. Virdell	1972	498	5	QTalTv	--	320R	June 1972	S, E	S	Casing slotted 360-363 feet and 463-466 feet; gravel packed. Log shows hard black rock (volcanic flow) to 20 feet and sand from 20-498 feet. 3/
1/ 601	Mrs. Frank Jones	Sam Bedell	1940	372	6	QTalTv	--	330R	1960	S, E, 2	D, S	East well at ranch headquarters; discharged 12 gal/min 11-7-72.
1/ 701	Jane White	--	--	330	6	QTalTv	--	226.3	Oct. 27, 1972	C, W	S	Owner's "Triple" wells; reported strong supply.
702	do	--	--	400	7	QTalTv	--	361.8	do	C, E, 3/4	S	Owner's "Buddy's" well; discharged 7 gal/min 10-27-72; reported strong supply.
801	Clay Evans	--	--	525	6	QTalTv	--	431.9	Nov. 6, 1972	C, W	D, S	Discharged 4 gal/min in strong wind 11-6-72; temperature 84°F.
38-401	Brooks Bentley	J. S. McSpadden	1962	450	6	QTalTv	--	420R 422.05	1962 Nov. 7, 1972	C, E, 5	D, S	Casing slotted 410-450 feet; brief driller's log. 3/
501	Dunham Land, Inc.	Leatherwood Drilling Co.	1973	3,463	8	--	--	--	--	N	N	Owner's test hole no. 1; electric log 307-3,446 feet, radioactive log 3,100-3,125 feet, fluid resistivity log to 3,000 feet, and temperature log to 2,094 feet.
801	Worth Evans	Sinclair Oil & Gas Co.	1962	9,420	--	--	4,672	--	--	--	--	Oil test Sinclair Oil & Gas Co. Worth Evans no. 1; sample log shows clay, sand, and gravel to 380 feet; and tuff, rhyolite, and basalt 380-4,780 feet. Base of tertiary volcanics (top of cretaceous limestone) at 4,780 feet; sample log to 5,400 feet, electric and caliper logs 4,002-9,424 feet.
42-301	I. T. May	--	--	spring	--	--	3,170	F	--	--	S	Widow spring; flowing an estimated 2-3 gal/min in 1974; field specific conductance 3,800 umho/cm, 25°C.
601	Richard Hooper	Gulf Oil Corp.	1960?	--	3	--	2,967	--	--	C, W	D, S	Seismic shot hole converted to water well, 3 gal/min estimated in 1974; field specific conductance 5,900 umho/cm, 21.5°C.
1/ 43-101	I. T. May	do	1963	8,815	8	K	3,454	F	--	--	S	Gulf Oil Corp. Swafford no. 1 oil test, drilled and logged to 8,815 feet; bottom-hole temperature at 3,375 feet is 145°F, at 8,283 feet is 170°F, and at 8,815 feet is 213°F; set and cemented 12-3/4-inch casing to 936 feet; reported flow 1,500 gal/min with 2,011 mg/l dissolved solids and temperature of 173°F from a zone in cretaceous rocks at 2,868 feet. Set 8-3/4-inch casing to 3,574 feet, flow estimated at 1,000 gal/min 11-30-65; gamma-ray and sonic logs to 3,550 feet.

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UW-51-43-102	I. T. May	Allen Drilling Co.	1963	720	--	--	--	--	--	--	--	Drilled to 720 feet for supplying water to Swafford no. 1 oil test; reported dry hole; brief driller's log. 3/
1/ 201	W. R. Loveless	Gulf Oil Corp.	1964	6,208	7	K	3,236	F	--	--	Irr	Gulf Oil Corp Presidio Trust "D" no. 1 oil test; formerly State well no. UW-51-43-501; drilled to 6,208 feet; set and cemented 8-5/8-inch casing to 514 feet and 7-inch to 3,583 feet. Converted to irrigation well; reported flows 2,200 gal/min, water temperature 180°F; gamma-ray log to 3,816 feet.
301	King Ranch, Inc.	--	--	spring	--	Tv	4,670	F	--	--	S	Musgrave Canyon spring; 22 gal/min measured 6-8-74; field specific conductance 400 umho/cm, 22°C.
302	W. R. Loveless	--	--	spring	--	Tv	4,240	F	--	--	D, S	Headquarters spring; 17 gal/min measured 6-8-74; field specific conductance 500 umho/cm, 22°C.
601	do	--	--	spring	--	Tv	3,840	F	--	--	S	McComb spring; 15 gal/min measured 6-7-74; field specific conductance 500 umho/cm, 23°C.
602	do	Boyd Chambers	1958±	15	48	Tv	--	F	--	C, W	D	Well in area of seeps, estimated flow 2-3 gal/min in 1974; field specific conductance 520 umho/cm.
603	do	--	1962	450	6	Tv?	--	--	--	S, E	D, S	Estimated 3 gal/min in 1974; reported salty water; pump set at about 400 feet.
701	Bill Middleton	H. H. Virdell	1967	35	6	Qal	2,898	17.2	June 16, 1974	J	N	"West River" well; unused stock well; originally drilled and cased to 37 feet, perforated 17-37 feet; tested at 18 gal/min, reported salty water. 3/
44-401	W. R. Loveless	--	--	spring	--	Tv	4,560	F	--	--	S	Estimated 3 gal/min in 1974; field specific conductance 400 umho/cm, 21°C.
501	Brite Ranch Trust Est.	J. S. McSpadden	1963	643	5	QTalTv	4,961	543R	Dec. 12, 1963	C, W	S	Set 5-inch casing to 300 feet, open hole 300-643 feet; set 2-inch column pipe to 625 feet. Reported drawdown of 82 feet pumping 5 gal/min for 8 hours in 1963; log shows soil and caliche to 6 feet; broken red rock 6-54 feet; and red, black, and green rock (volcanics) with minor amounts of red and yellow clay 54-643 feet. 3/
45-201	Joe Espy	Lewis W. Welch	1952	7,839	--	--	4,735	--	--	--	--	Oil test, Lewis W. Welch Joe Espy no. 1; electric log to 7,836 feet; sample log to 2,390 feet indicates volcanic rock 30-2,390 feet.
601	Nancy D. Cooper	--	--	145	6	Tv	--	18.7	Oct. 26, 1972	C, E, 1/3	S	South well of 2.
602	--	--	--	350	6	Tv	--	89.0	Oct. 27, 1972	C, W	S	North well; set 4-inch column pipe; discharged 12 gal/min with pumping level at 95.8 feet; specific conductance, field test 240 umho/cm.
701	Mrs. H. B. D. Vandevere	--	--	--	6	Tv	--	490.0	do	C, E, 5	S	--
901	Brite Ranch	Lewis W. Welch	1953	6,073	--	--	5,057	--	--	--	--	Oil test, Lewis W. Welch Brite no. 1; reported tertiary volcanics to 3,145 feet; cretaceous rocks 3,145-3,962 feet; top of permian dolomite at 4,714 feet; and cambrian at 6,026 feet; electric log to 6,068 feet.
1/ 46-101	do	--	1952	600	5	Tv	--	588R	1960	C, W	D, S	West well of 2 at ranch headquarters.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
UM-51-46-102	Brite Ranch	H. H. Virdell	1971	614	7	Tv	--	579R	1971	S, E, 2	D, S	East well at headquarters; casing slotted 584-614 feet. 3/
301	Ken Rolston	--	--	670	6	Tv	--	--	--	C, E, 5	D, S	Specific conductance, lab test 1,000 umho/cm; supplies ranch headquarters.
501	Worth Evans	--	--	750	6	Tv	--	--	--	C, W	S	Middle well of 3 at this location; specific conductance, lab test 400 umho/cm.
502	do	--	old	578	8	Tv	--	547.3	Oct. 25, 1972	N	N	West well of 3.
51-201	Bill Middleton	H. H. Virdell	1967	50	6	Qal	2,890	21.7	June 16, 1974	C	N	"East River" well, unused stock and domestic windmill; originally drilled and cased to 54 feet, perforated 34-54 feet, tested at 50 gal/min by bailing; reported salty water.
1/ 301	Boyd Chambers	O. C. Dowe	1929	20	42	Qal	3,230	3.9	June 8, 1974	S, E	D, S	Dug well, cased with perforated culvert pipe 5-6 feet; 5-6 gal/min measured 6-8-74.
1/ 801	Frances E. Howard & Marion Walker	George McSpadden	1955	62	16	Qal	2,850	--	--	T, G	Irr	"Mercedes" well, U.S. Geological Survey no. A-4; cased to 62 feet and perforated 42-62 feet; 8-inch pump set at 33 feet, 740 gal/min measured 6-10-74. Former Texas Water Development Board water-level observation well.
1/ 802	do	Miles	1950	172	16	QTal	2,846	6.2	June 9, 1974	T, G	Irr	"Salt" well, U.S. Geological Survey no. A-2; cased and perforated 0-172? feet; 8-inch pump, 300 gal/min reported.
1/ 803	do	J. E. Walker & Miles	1950	60	18	Qal	2,846	11.5 4.1 3.5 8.1	Jan. 30, 1957 Apr. 22, 1961 Jan. 23, 1970 June 9, 1974	T, G	Irr	"Jim's" well, U.S. Geological Survey no. A-1; dug to 48 feet and drilled and cased(?) to 60 feet, perforated 10-46 feet; 8-inch pump, 400 gal/min reported. Texas Water Development Board water-level observation well.
1/ 804	do	Miles	1951	81	16	Qal	2,838	10.0 7.6	Jan. 30, 1957 June 9, 1974	T, G	Irr	"Lower" well, U.S. Geological Survey A-3; cased to 81 feet, perforated 11-81 feet; 8-inch pump, 600 gal/min reported. Former Texas Water Development Board water-level observation well.
1/ 805	do	do	1950	22	15	Qal	2,854	15.7 10.5	Jan. 30, 1957 June 9, 1974	N	N	"Upper" well, U.S. Geological Survey no. A-5; originally drilled to 236 feet, filled in with silt during flooding; 300 gal/min reported. Former Texas Water Development Board water-level observation well.
806	do	Johnson	1960	75	16	Qal	2,850	10.1	do	T, G	Irr	"Hernandez" well; 400 gal/min reported.
807	do	--	1930's	54	72	--	2,880	49.9 48.4	Jan. 30, 1957 Dec. 6, 1972	C, E	N	Old town well, U.S. Geological Survey no. A-6, formerly State well no. 51-51-902; unused domestic well; originally constructed to 100± feet, dug well with concrete casing. Texas Water Development Board water-level observation well.
1/ 808	do	--	prior to 1948	80	6	QTal?	2,880	50.2	Jan. 30, 1957	S, E	D, F	Town well, U.S. Geological Survey A-7; formerly State well no. 51-51-901; 10-12 gal/min measured 6-9-74.
809	Abel Tellez	Abel Tellez	1974	18	54 x 66	Qal	2,860	14.2	June 8, 1974	N	N	Unequipped dug irrigation well with perforated concrete casing to 98 feet; field specific conductance of bailed sample 1,400 umho/cm.
52-101	Bill Middleton	H. H. Virdell	1967	50	7	QTal?	3,143	4.6	June 16, 1974	S, E	D	"Capote" well; cased to 50 feet, perforated 12-32 feet; 10 gal/min estimated in 1974; good water quality reported. 3/

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
UW-51-52-201	Bill Middleton	--	--	spring	--	Tv	3,580	F	--	--	S	Vasquez spring; 3-4 gal/min estimated in 1974; field specific conductance 400 umho/cm, 24°C.
501	do	--	--	spring	--	Tv	3,360-3,750	F	--	--	S	"Capote" springs, an aggregate of many seeps in Capote Canyon. Flowing 400 gal/min 6-9-74 near mouth of canyon, 1.5 miles downstream from Capote Falls; 1,200-1,500 gal/min reported 9-42.
502	do	--	--	spring	--	Tv	3,522	F	--	--	S	Mexican springs, 5 springs in immediate area; 5 gal/min estimated in 1974; field specific conductance 450 umho/cm, 23°C.
701	do	--	--	spring	--	Tv	3,350	F	--	--	D, S	Adobe Ruin spring; 3-4 gal/min measured 6-10-74; field specific conductance 350 umho/cm, 22°C.
702	do	--	--	spring	--	Tv	3,500	F	--	--	S	Nixon spring; 31 gal/min measured 6-10-74; field specific conductance 500 umho/cm, 22°C.
BDI	Julio & Jessie Vizcaino	Howard Bates	1972	400	6	Tv?	4,350	90R	Oct. 12, 1972	C, W	S	Reported 5 gal/min, good-quality water. 3/
1/ 59-201	Frances E. Howard & Marion Walker	George McSpadden	1956	53	16	Qal	2,835	7.8 9.4	Jan. 30, 1957 June 10, 1974	N	N	"Pat's" well; originally drilled to 80 feet, 400 gal/min reported in 1960's; field specific conductance of bailed sample 2,000 umho/cm; former Texas Water Development Board water-level observation well.
2/ 202	Ramone Tarango	--	--	spring	--	Qal	2,875	F	--	--	D, S	Used for domestic supply at "Pueblo Nuevo;" 2-3 gal/min estimated in 1974, seepage area 300 feet long along creek; field specific conductance 800 umho/cm, 21°C.
203	Frances E. Howard & Marion Walker	--	--	spring	--	Qal	2,915	F	--	--	S	Ranchita spring; 4 gal/min estimated in 1974; field specific conductance 850 umho/cm, 22°C.
204	do	--	--	spring	--	Qal	2,870	F	--	--	D, S	Rancho spring; 3-4 gal/min estimated in 1974; developed seepage area 100 feet in diameter; field specific conductance 1,500 umho/cm, 26°C.
59-301	Roberto Tarango	--	1967	9	40	Qal	2,950	7.0	June 8, 1974	B, H	D, S	Pueblo Nuevo village supply; dug well with corrugated metal and rock casing; field specific conductance 770 umho/cm.
302	Frances E. Howard & Marion Walker	--	--	spring	--	Qal	2,900	F	--	--	S	"La Cienaga" seepage area along 1/3 mile reach of canyon; 29 gal/min measured 6-9-74; field specific conductance 800 umho/cm, 21°C.
2/ 501	Juan Prieto	--	--	41	6	Qal	2,842	24.8	May 16, 1974	C, W	S	Water is salty.
601	--	--	--	spring	--	Qal	3,140	F	--	--	S	Sanguijuela springs; 25 x 100-foot seepage area in creek bed; 1-2 gal/min estimated in 1974; field specific conductance 940 umho/cm, 27°C.
602	Andrew Briscoe, Jr.	Brulio Fuentes	1945	100	70	QTal	3,330	96.1	June 10, 1974	C, W	S	Dug well, cased to 60 feet with concrete casing, pump set at about 100 feet.
603	State of Texas	--	--	spring	--	Qal	3,020	F	--	--	S	Chapadera Pila spring; 2-3 gal/min estimated in 1974; field specific conductance 900 umho/cm, 23°C.
BDI	Clyde Pelton	--	1955	55	24	Qal	2,764	6.9	May 16, 1974	T, E	Irr	Originally drilled and cased to 60 feet, perforated 2-60 feet; 8-inch discharge pipe; 820 gal/min measured 5-16-74, approximate 40 gal/min/ft specific capacity reported; field specific conductance 6,000 umho/cm, 21°C.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
UW-51-59-802	Clyde Pelton	--	--	spring	--	Qal	2,763	F	--	--	S	Estimated 1 gal/min in 1974; field specific conductance 900 umho/cm, 24°C.
1/ 803	Amelio Fuentes	--	1950's	26	34	Qal	2,790	22.5	May 16, 1974	C, W	S	Dug well with porous concrete casing, 3 gal/min estimated in 1974.
804	Clyde Pelton	--	1957	50	16	Qal	2,761	5.1	do	T, E	Irr	Reported 500 gal/min and salty water.
805	do	Gulf Oil Company	1957	39	16	Qal	2,752	1.9	do	T, E	Irr	Originally drilled for water supply for oil test, Gulf Oil Corp., State School Board no. 1; 500 gal/min and salty water reported.
806	do	--	1960	65	--	Qal	2,761	18R	do	S, E	S, Irr	Reported 15-18 gal/min and salty water; reportedly will yield 200 gal/min with larger pump.
1/ 901	Donald Goodrich & Charles E. Rogers	--	--	spring	--	Qal	3,091	F	--	--	D, S, R	Negley springs (south part), 54 gal/min measured 6-9-74.
902	do	--	--	spring	--	Qal	3,092	F	--	--	S, R	Negley springs (north part), 25 gal/min estimated in 1974; field specific conductance 880 umho/cm, 24°C.
1/ 903	State of Texas	--	--	spring	--	Qal	3,080-3,140	F	--	--	S, R	La Cierasa springs, seepage area about 1 mile in diameter, 107 gal/min measured 5-12-74.
1/ 60-501	Andrew Briscoe, Jr.	Howard Bates	1972	138	4	QTal,Tw?	3,610	65.3	June 10, 1974	S, E	D, S	Originally drilled to 175 feet, cased and perforated 0-100 feet, 12 gal/min reported in 1974, pump set at 135 feet.
1/ 402	do	Blas Benevidez	1945	38	N	Qal	3,590	36.10	do	C, W	S	Dug well, 5 feet in diameter, 3 gal/min estimated in 1974.
701	Joe Kingston	--	--	spring	--	Qal?	3,480	F	--	--	D, S, R	Ruidosa Hot springs; 37 gal/min and 31 gal/min measured 11-74 and 6-10-74; field specific conductance 720 umho/cm, 45.5°C.
702	Andrew Briscoe, Jr.	--	--	spring	--	Qal	3,480	F	--	--	S	Measured 35 gal/min 6-10-74; field specific conductance 600 umho/cm, 28°C.
703	Juan Benavidez	Grantham	1965	136	4	QTal	3,500	84.1	June 11, 1974	C, W	S	"Escondido Draw" well, cased to 136 feet, perforated 116-136 feet; will pump 16 gal/min with a pump jack; field specific conductance 580 umho/cm, 25°C.
704	State of Texas	--	--	spring	--	Qal	3,460	F	--	--	S	Las Cachanillas spring; 1-2 gal/min estimated in 1974; 27°C±, good water quality reported.
801	Andrew Briscoe, Jr.	Blas Benevidez	1940's	530	6	QTal	3,941	435.5	June 10, 1974	C, W	S	Cased to 200± feet, open hole below; 1.5 gal/min estimated in 1974; field specific conductance 580 umho/cm.
1/ 802	Juan Benavidez	Howard Bates	1973	640	5	--	3,960	--	--	C, G	D, S	Cased to 40 feet, open hole below; 10 gal/min estimated in 1974.
803	do	Bob Cook	1941	530	6	QTal	3,960	445.1	June 11, 1974	C, W	D, S	Cased to 35 feet, open hole below; 1-2 gal/min estimated in 1974; good quality reported.
74-03-201	Hugh G. Truax	Dick Baker Drilling Co.	1974	124	8	Qal	2,780	49.5	May 16, 1974	N	N	Unequipped new stock well; field specific conductance of bailed sample 1,650 umho/cm. 3/
202	Angel Janier Rodriguez	--	1974	20	N	Qal	2,751	17.5	do	C, H	D, S	Dug well, 42-inch diameter, 2 gal/min measured 5-16-74; field specific conductance 6,000 umho/cm, 22°C.
1/ 203	Alfredo Salgado	Jim Bates	1973	37	10	Qal	2,743	10.2	do	T	N	Irrigation well, temporarily unused.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ LW-74-03-204	Ruidosa School Dist.	John McSpadden	1953	70	6	Qal	2,768	26.4	May 16, 1974	G, W	D	Measured 3 gal/min 5-16-74; not used for drinking.
205	Clyde Pelton	--	before 1955	48	16	Qal	2,754	8.2	do	--	Irr	--
206	Hugh G. Trusx	--	1973	32	N	Qal	2,760	28.7	do	G, W	S	Dug well, 56-inch diameter; 3 gal/min measured 5-16-74; field specific conductance 5,500 umho/cm, 22°C.
1/ 301	W. A. Shannon	--	--	spring	--	Qal	3,050	F	--	--	P, R	Torres springs, used by Ruidosa residents for drinking; 4-foot diameter discharge area; 27 gal/min measured 5-16-74.
302	do	--	--	spring	--	Qal	3,080-3,150	F	--	--	S, R	Upper Boundary Creek springs; spring area along creek about 3/4 mile; 120 gal/min measured 5-12-74; field specific conductance 1,000 umho/cm, 22°C.
303	do	--	--	spring	--	Qal	2,900	F	--	--	S, R	Lower springs along Boundary Creek; 280 gal/min measured 5-12-74; field specific conductance 1,100 umho/cm, 22°C.
304	do	--	--	spring	--	Qal	3,120	F	--	--	S	Shannon spring, springs in creek bed, 15 gal/min estimated in 1974; field specific conductance 900 umho/cm, 22°C.
501	do	Virdell	1953	27	16	Qal	2,727	5.3	May 15, 1974	T	N	Unused irrigation well, originally drilled to 73 feet, silted in; pump set at 48 feet; 5,001 gal/min reported; field specific conductance of bailed sample 4,300 umho/cm.
502	do	do	1953	73	12	Qal	2,726	4.1	do	N	N	Southwest of LW-74-03-501, 500 gal/min reported; field specific conductance of bailed sample 4,000 umho/cm.
503	do	McSpadden Bros.	1953	53	7	Qal	2,761	28.7	May 15, 1974	C, W	D	Estimated 2-3 gal/min in 1973; field specific conductance 900 umho/cm, 24°C.
1/ 504	Joel Nunez	--	1955	70	6	Qal	2,765	38.9	do	C, W	D, S	Originally drilled to 80 feet, 3 gal/min estimated in 1974.
901	Jim E. Farquhar	Vernon McIntyre	1972	43	24	Qal	2,720	7.9	do	T, G, 30	Irr	North well of 2, originally drilled to 65 feet, 8-inch pump.
1/ 902	do	--	about 1964	46	24	Qal	2,720	7.8	do	T, G, 40	Irr	South well of 2, originally drilled to 64 feet, perforated 5-60 feet, 6-inch pump; 500 gal/min estimated in 1974.
903	do	--	before 1951	11	30	Qal	2,718	--	--	C, W	D, S	Cased with steel bowels; 5 gal/min and poor-quality water reported.
04-101	Juan Benavidez	Howard H. Bates	1972	140	4	QTal	3,517	101.6	June 11, 1974	C, G, 5	S	Perforated 10-140 feet, water-bearing zone is gravel from 117-128 feet; 16 gal/min estimated in 1974; good-quality water reported. 1/
201	do	Jones	1948	490±	6	QTal	3,845	388.3	do	C, W	S	Perforated below 12 feet; 3-4 gal/min estimated in 1974; field specific conductance 670 umho/cm, 28.5°C.
202	Richard Johnson	George McSpadden	about 1958	> 500	8	QTal	4,004	--	--	C, W	S	Estimated 4 gal/min in 1974; field specific conductance 580 umho/cm, 27°C.
203	do	Orby Timms	about 1940	243	4	Tv?	3,800	--	--	C, G, W, 5	D, S	Field specific conductance 950 umho/cm, 32.5°C.

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Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
UW-74-04-204	Juan Benavidez	Grantham	about 1965	300	6	Pz, K, or Tv?	4,304	--	--	C, W	S	Perforated below 15 feet; 3 gal/min, good-quality water reported.
301	Willie Brown	--	--	spring	--	K?	4,180	F	--	--	Irr, S	"Ojo Jardín" spring; 35 gal/min estimated in 1974; field specific conductance 600 umho/cm, 27°C.
1/ 401	Augustín Nunez	Jones?	about 1950	200	6	QTal	3,262±	1.1	Mar. 7, 1973	C, G, W, 3	S	"West" well, perforated below 20 feet.
402	State of Texas	--	--	spring	--	QTal	3,140	F	--	--	S, D	"Section 32" spring; 8-10 gal/min estimated in 1973; field specific conductance 470 umho/cm, 19°C.
403	do	--	--	spring	--	QTal	3,100	F	--	--	S	Estimated 3 gal/min in 1973; field specific conductance 500 umho/cm, 19°C.
1/ 501	Augustín Nunez	Jones?	1947	300	6	QTal	3,574±	214.8	Mar. 7, 1973	C, W	P, S	Perforated below about 10 feet; 3 gal/min measured 3-7-73.
801	Cletus Davis	H. H. Virdell	--	306	--	QTal	3,433	116.9	Apr. 8, 1974	C, W	S	Measured 4 gal/min 4-8-74; field specific conductance 850 umho/cm, 24°C.
1/ 802	Juan Dominquez	--	--	6.5	33 x 48	Ti	3,500	0.0	do	C, W	S	Well dug in rock (developed spring?), commonly flows.
803	do	--	--	spring	--	QTal	3,340	F	--	--	S	"Indian" spring, 15 gal/min estimated in 1974; field specific conductance 950 umho/cm, 25°C.
1/ 901	do	--	--	349	6	QTal or Ti	3,610	84.9	Apr. 8, 1974	C, W	S	Measured 3-4 gal/min 4-8-74.
902	P. T. Cattle Co. (Hacienda Meaquite Ranch)	--	--	660±	5	QTal or Ti	4,030	--	--	C, E, 5	S	North well of 2; 6 gal/min estimated in 1974; water level below 500 feet; field specific conductance 520 umho/cm, 20.5°C.
1/ 11-301	Dr. Alfred L. Zimmerly Est.	--	1950	33	48	Qal	2,697	7.4 13.9	June 20, 1961 May 14, 1974	T, G	Irr	Originally drilled and cased with steel casing to 50 feet; perforated concrete casing installed subsequently; 6-inch pump, 600 gal/min reported; water sample collected from pit around well.
1/ 12-101	Juan Dominquez	H. H. Virdell	1965	252	7	QTal	3,039	62.2	Apr. 8, 1974	C, W	S	Cased to 252 feet, perforated 155-252 feet; 3 gal/min measured 4-8-74, reportedly tested at 25 gal/min when drilled; water-bearing zone 215-220 feet. 3/
102	do	--	--	spring	--	QTal	2,770	F	--	--	S	"San Jose" spring; 2 gal/min measured 5-15-74; field specific conductance 3,000 umho/cm, 21°C.
1/ 201	do	--	before 1953	387	6	QTal	3,274	81.1	Apr. 6, 1974	C, W	S	Measured 3-4 gal/min 4-6-74.
202	do	--	old	20±	5	QTal	3,310	SR	Apr. 1974	C, W	S	Reported 2-3 gal/min, good-quality water.
1/ 401	do	--	1950's	47	32	Qal	2,719	36.8	Apr. 5, 1974	J, G, 2	D	Measured 10 gal/min 4-5-74.
1/ 601	P. T. Cattle Co.	--	about 1945	22	48 x 48	QTal	3,228	4.3	Apr. 3, 1974	C, W	S	Measured 3 gal/min 4-3-74.
602	do	--	1945	4	54 x 42	QTal	3,232	+.9, F	do	N	S	Developed spring(?), 2 gal/min estimated in 1974; field specific conductance 420 umho/cm, 25°C.
1/ 801	T. Clement Davis	George McSpadden	1954	44	15	Qal	2,655	8.4	Apr. 5, 1974	S, E, 1	S, D	Originally drilled to 50 feet.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
UW-74-12-802	Nick Fuentes	Candelario Granado	1963	14	36	Qal	2,650	6.3	Mar. 21, 1973	Cf, G, J	S	Estimated 8-10 gal/min in 1973; field specific conductance 1950 umho/cm, 18°C.
803	J. S. Livingston	--	1950	49	16	Qal	2,645	8.9	June 20, 1961	N	N	Unused irrigation well; north well; formerly State well no. UW-74-12-801; field specific conductance of bailed sample 12,000 umho/cm.
1/ 13-101	P. T. Cattle Co.	--	--	365	6	QTal	3,640	316.6	Apr. 4, 1974	C, E, J	S	"Pelillos Arroyo" well; 6 gal/min estimated in 1974.
1/ 102	do	--	about 1957	274	8	QTal	3,718	240.8	do	C, G, W	S	Estimated 4 gal/min in 1974.
401	do	--	1945	12	36 x 36	QTal	3,290	1.2	Apr. 3, 1974	S, E	D	Estimated 10 gal/min in 1974; field specific conductance 480 umho/cm, 24.5°C.
402	do	--	--	301	8	QTal	3,635	272.0	Apr. 4, 1974	C, W	S	Measured 4 gal/min 4-4-74; field specific conductance 700 umho/cm.
601	Jesusita Gonzales	--	--	spring	--	QTal	4,079	F	--	--	D, S	"Spencer" spring; 10 gal/min estimated in 1974; good-quality water reported.
1/ 701	Simon Gonzales	--	--	spring	--	QTal	3,180-3,280	F	--	--	S, R	"La Cienaga" spring area; 28 gal/min measured from southeast springs and 5 gal/min estimated from northwest springs 4-3-74; water sample from southeast springs.
1/ 20-201	W. R. Payne & Max Cooper	--	1951	50	16	Qal	2,628	9.4	June 20, 1961	T, G	Irr	"Dike" well; 340 gal/min measured 5-13-74; 19.2 feet pumping water level, 8-inch pump.
202	do	--	1951	50	16	Qal	2,624	7.8	May 13, 1974	N	N	Unused irrigation well; 5-inch pump, 300 gal/min reported when in use.
203	do	--	1951	48	16	Qal	2,625	4.8	do	N	N	Unused irrigation well; perforated 0-48? feet; 8-inch pump; field specific conductance of bailed sample 20,000 umho/cm.
204	do	H. H. Virdell	1968	71	5	Qal	2,660	41.9	May 14, 1974	S, E, 3/4	D	"House" well; originally reported 74 feet deep; 12-15 gal/min estimated in 1974; field specific conductance 12,000 umho/cm, 19.5°C.
205	J. S. Livingston	--	1950's	31	16	Qal	2,634	9.9	Apr. 6, 1974	T, E, 4	Irr	Reported 500 gal/min; 6-inch pump.
1/ 601	Dolores Calderon	--	about 1960	20	36	Qal	2,620	11.6	Oct. 4, 1973	E, H	S, D	--
602	Simon & Genero Gonzales	--	about 1952	45	15	Qal	2,618	8.8	do	Cf, G, J	S	Irrigation well currently used for stock supply; 300 gal/min reported when used for irrigation; field specific conductance 4,200 umho/cm, 22°C.
901	Victor Ochoa	Jones	1949	74	16	Qal	2,595	19.5R	Oct. 20, 1949	T	N	Owner's no. 1 (south well of 2); irrigation well unused because of salty water and flooding; 495 gal/min and 20.5 feet drawdown reported in 1949
902	do	Mac Tarwater	1950's	38	15	Qal	2,598	10.9	Oct. 4, 1973	T, C	Irr	Owner's no. 2 (north well of 2); 5-inch discharge pipe; 500 gal/min and salty water reported, unused for several years.
903	Gustavo Garcia	do	1949	42	16	Qal	2,598	11.5	do	T	Irr	Owner's no. 1, originally drilled to about 60 feet; filled in by flooding; perforated 45-57± feet; unused for several years; 300 gal/min and 8 tons per acre-foot (about 6,000 mg/l dissolved solids) reported when in use.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
UW-74-20-904	Charlie Spencer	--	about 1968	13	36	Qal	2,608	9.9	Oct. 4, 1973	Cf, C, 3	D, S	Originally dug to 16 feet, concrete casing perforated below 1 foot; 15 gal/min estimated in 1973; field specific conductance 1,400 umho/cm, 23°C.
905	Gustavo Garcia	--	1970	15	36	Qal	2,611	4.8	do	B, H	S	Owner's no. 2, originally dug to 18 feet.
1/ 906	do	--	1973	23	36	Qal	2,609	20.7	do	Cf, C, 2	S	Owner's no. 3, north well; concrete casing perforated below a depth of 1 foot.
1/ 21-801	Jesus & Manuel Soza	--	--	spring	--	QTal	2,770	F	--	--	S, R	"Chupadera" springs, 5-6 gal/min estimated in 1974.
1/ 22-201	Lely Ranch	McSpadden	1940's	46	6	QTal	3,187	35.4	Feb. 18, 1974	C, W	S	Measured 6 gal/min 2-18-74.
401	do	--	about 1945	397	6	QTal	3,289	388.6	do	C, W	N	Unused stock well, good-quality water reported.
501	do	--	1940's	18	32	Qal	3,150	14.7	do	B, H	S	Estimated 6-8 gal/min in 1974; field specific conductance 420 umho/cm, 22°C.
502	do	G. McSpadden	1940's	75	6	QTal	3,086	36.3	do	C, W	S	Estimated 3 gal/min in 1974; field specific conductance 500 umho/cm, 22°C.
503	do	--	1940's	81	6	QTal	3,129	64.4	do	C, W	S	Estimated 4 gal/min in 1974; field specific conductance 420 umho/cm, 22°C.
701	do	J. McSpadden	about 1949	116	10	QTal	2,944	15.8	Feb. 17, 1974	T	N	Unused irrigation well; reported pumped 600 gal/min with 6-inch pump; field specific conductance of bailed water sample 470 umho/cm.
801	do	Emmet Harrel	about 1948	168	6	QTal	2,983	87.2	do	C, W	D, S	Formerly State well no. UW-74-30-201, originally drilled and cased to 190 feet; 6-7 gal/min estimated 2-17-74; field specific conductance 450 umho/cm, 22°C.
901	do	Wesley W. West & H. C. Cockburn	1950	8,772	16	--	3,460	--	--	N	N	Oil test, Wesley West & H. C. Cockburn Presidio Trust no. 1; reported water at 1,230 feet, water level rose to 234 feet.
1/ 902	do	J. McSpadden	1942	396	6	QTal	3,092	329.0	Feb. 16, 1974	C, W, G, S	S	Originally drilled to 410 feet; 5-6 gal/min estimated in 1974; reported drilled mostly through hard conglomerate.
23-101	Lely Ranch	George McSpadden	about 1943	--	--	Tv or K?	--	--	--	C, W, G	S	Field specific conductance of water from tank 480 umho/cm.
102	do	McSpadden	about 1943	850	--	Tv or K?	--	400±R	--	C	N	Unused stock well, good-quality water but only 1 gal/min reported.
601	Big Bend Ranch Corp.	--	--	spring	--	Tv or K?	--	F	--	--	S, R	"Alamo" springs; 22 gal/min estimated in 1974; field specific conductance 550 umho/cm, 25°C.
602	do	--	--	spring	--	Tv or K?	--	F	--	--	S, R	"Cottonwood" springs; 12-15 gal/min estimated in 1974; field specific conductance 600 umho/cm, 25°C.
801	Lely Ranch	George McSpadden	about 1945	12	36	K?	3,170±	8.7 8.2	Nov. 22, 1949 June 18, 1974	C, W	S	Old Ocatillo siding well, formerly State no. UW-74-23-501; 6 gal/min estimated in 1974; perforated concrete casing 1-12 feet; field specific conductance 750 umho/cm, 16°C.
1/ 24-201	Santa Fe Railroad	McSpadden Bros.	1930	694	4	K?	3,483	F	--	--	Ind	Flowed an estimated 30 gal/min in 1974; bedrock? (shale) at 192 feet. 3/

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL		METHOD OF LIFT	USE OF WATER	REMARKS
								ABOVE (+) OR BELOW SURFACE DATUM (ft.)	DATE OF MEASUREMENT			
UW-74-24-401	Harper	--	--	spring	--	Tv or K?	--	F	--	--	S, R	"Alamo" springs (southeast area); 15 gal/min estimated in 1974; field specific conductance 550 umho/cm, 25°C.
1/ 29-101	F. Soza	Mac Tarwater	1950's	38	16	Qal	2,590	7.2	Oct. 3, 1973	T, E, 7.5	Irr	Reduced 6-inch discharge pipe to 3-1/2-inch.
201	Catrino Prieto	--	1945	23	32	Qal	2,600	19.7	May 24, 1973	C, W	S	Field specific conductance 10,000 umho/cm.
202	Manuel Soza	Mac Tarwater	about 1952	49	18	Qal	2,583	6.6	do	T, E, 7.5	Irr	West well of 2; originally drilled to 52 feet; perforated below 40 feet; 6-inch pump; poor-quality water reported.
203	do	Applegate	about 1958	59	20	Qal	2,582	5.9	do	N	N	East well of 2; unused irrigation well; field specific conductance of bailed sample 1,150 umho/cm; poor-quality water reported.
204	Manuel Spencer	--	--	41	18	Qal	2,579	7.2	do	T, G	N	Unused irrigation well; field specific conductance of bailed sample 3,900 umho/cm.
1/ 205	Charlie Adams	--	1958	34	23	Qal	2,582	4.3	May 23, 1973	N	N	Unused irrigation well.
206	do	--	1958	160±	23	QTal	2,577	5.2	do	T, G	Irr	--
207	do	--	1940's	22	40	Qal	2,577	5.9	do	C, W	S	Irrigation well converted to stock well; field specific conductance 8,400 umho/cm, 20°C.
208	do	--	1958	19	15	QTal	2,575	3.2	do	N	N	Unused irrigation well, originally drilled to about 160 feet; field specific conductance of bailed sample 8,400 umho/cm.
209	Alberto Armendariz	--	1958	44	23	Qal	2,577	6.8	May 24, 1973	N	N	Unused irrigation well, large yield reported when used.
210	do	--	about 1952	18	132	Qal	2,576	6.6	Apr. 12, 1973	Cf, G, 40	N	Unused irrigation well, originally dug to 25 feet; 8-inch pump; field specific conductance of bailed sample 8,000 umho/cm.
211	do	--	1962	15	36	Qal	2,577	10.6	do	Cf, G, 3	S	Field specific conductance 7,500 umho/cm, 19.5°C.
301	Charles Spencer	--	1972	8	60 x 60	Qal	2,585	4.7	do	S, E, 1/3	S, D	West of 2 wells; field specific conductance 1,400 umho/cm, 16°C.
601	Clay Slack	--	1950	30	96	Qal	2,574	13.0	June 19, 1961	Cf, E	Irr	Used for supplementary irrigation supply; 6-inch discharge pipe, 800 gal/min reported; field specific conductance 4,000 umho/cm, 21°C.
602	R. J. Johnson	--	1950	48	60	Qal	2,567	14.7 12.6	do Aug. 23, 1973	Cf, E	N	Unused irrigation well, originally dug and rock-lined to 60 feet; 200 gal/min reported; field specific conductance of bailed sample 2,200 umho/cm.
603	Francisco Ornelas	--	about 1970	14	36	Qal	2,579	10.9	May 14, 1974	T, E, 15	Irr	6-inch pump.
1/ 604	Jess Burner	--	about 1972	29	36	Qal	2,580	13.3	Aug. 23, 1973	Cf, E	Irr	Measured 340 gal/min 8-23-73; specific capacity 26 gal/min/ft.
605	Lorenzo Rodriguez	--	1950's	11	36	Qal	2,574	6.1	Apr. 11, 1973	N	N	Unused irrigation well, originally dug to 35 feet; poor-quality water reported; 8-inch pump used formerly.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ UW-74-29-606	Velasquez	--	1958	18	54	Qal	2,575	5.6	Apr. 12, 1973	Cf, G, 45	Irr	East well of 2; 480 gal/min measured 4-12-73, 6-inch pump; recovery-test data; specific capacity 44 gal/min/ft.
607	do	--	1948	23	50	Qal	2,572	5.8	do	Cf, G, 40±	Irr	West well of 2; 6-inch pump; field specific conductance 5,200 umho/cm, 20°C.
608	Jose Rodriquez	--	1950's	20	83	Qal	2,568	4.5	do	Cf, G, 40+	Irr	8-inch pump; field specific conductance 5,800 umho/cm, 19°C.
609	Raul Hernandez	Raul Hernandez	1974	22	30	Qal	2,580	13.6	May 14, 1974	Cf, G, 3	Irr	Perforated below 15 feet; brief driller's log; 35 gal/min estimated in 1974; field specific conductance 3,800 umho/cm, 20°C. 3/
610	Johnny Crosson	--	--	26	56	Qal	2,576	11.9	May 24, 1973	N	N	South of 2 unused irrigation wells.
611	Lorenzo Rodriquez	Cisco Hernandez	1914	52	36	Qal	2,610	41.0	Apr. 11, 1973	S, E, 1	D	Formerly State well no. UW-74-29-301; originally dug to 60 feet; 15 gal/min estimated in 1973; field specific conductance 4,700 umho/cm, 77°F.
1/ 612	U.S. Customs Service	--	1955	147	6	QTal	2,570	16.0 14.8	Nov. 18, 1964 June 21, 1974	J, E, 1	F	Measured 14 gal/min 6-21-74; supplies customs office at Presidio port of entry; not used for drinking.
613	Jose Rodriquez	--	about 1950's	17	65	Qal	2,573	7.6	May 23, 1973	N	N	Unused irrigation well; poor-quality water reported; formerly had 8-inch pump.
614	M. E. Herrera	--	--	32	72 x 72	Qal	2,562	8.9	May 17, 1974	Cf, E, 15	Irr	Reported 500 gal/min.
1/ 615	Romona Armendariz	--	--	50	--	Qal	2,585	--	--	--	D?	Used for domestic supply in 1963.
30-101	Lely Ranch	Wesley W. West	1948	7,994	14	--	2,784	--	--	N	N	Oil test, Wesley W. West Presidio Trust no. 1; bedrock(?), shale(?) at 2,000 feet, limestone(?) at 2,400 feet; electric log.
102	Raul Ornelas	Manuel Velasco	1923	39	34	QTal	2,732	27.1	Mar. 8, 1973	C, W, G, 3	S	Originally dug to about 55 feet; 5 gal/min estimated in 1973; field specific conductance 500 umho/cm.
103	Leroy Parks	Lolo Molinar	1973	27	36	Qal	2,830	23.1	Mar. 18, 1973	B, H	D	Pump will be installed; brief driller's log. 3/
201	Lely Ranch	Fernando Daly	1930's	12	40	QTal	2,876	4.4	May 15, 1974	C, W	S	Reported 7 gal/min and good-quality water.
202	Robert I. Bledsoe	--	1940's	25	72	QTal	2,750	21R	Nov. 23, 1949	N	N	Unused stock well "Red Tank" mill; formerly State well no. UW-74-30-501; 2 gal/min and poor-quality water reported when used.
203	Lely Ranch	Payne	1940's	110	6	QTal	2,860	41.5	May 15, 1974	C, W	N	Unused stock well, cased to 106 feet; 6 gal/min and good-quality water reported.
1/ 301	Robert I. Bledsoe	do	1940's	106	6	QTal	2,858	95.0 95.0	Nov. 23, 1949 June 19, 1974	C, G, 5	S, D	North well of 2; originally drilled to 125 feet and cased to 120 feet; 40 gal/min reported in 1949.
1/ 401	John Daniel Est.	--	1940's	32	48	Qal	2,560	21.0	Nov. 4, 1949	J, E	Irr	Formerly used as standby supply for Presidio; cased to 32 feet; 20 gal/min reported in 1949.
1/ 402	Paul Probst Est.	--	1948	46	12	Qal	2,583	28.8 25.7	Feb. 9, 1951 May 10, 1974	J, E, 1	D, F	Standby well for Presidio; originally drilled to 48 feet; perforated 30-48 feet; 80 gal/min reported in 1948; water level reported 36 feet 7-48 and 29 feet 6-61.
1/ 403	Manuel Franco	--	about 1955	24	96	Qal	2,561	7.9	Aug. 24, 1973	Cf, E, 10	Irr	Originally dug to 50 feet; 500-600 gal/min reported in 1973, 6-inch pump; specific capacity about 15 gal/min/ft in 1961.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
UW-74-30-404	Mrs. Clay Slack	--	1951	50	96	Qal	2,561	12.5 9.5	June 19, 1961 May 17, 1974	N	N	Unused irrigation well; 250 gal/min reported in 1961.
405	Santa Fe Railroad	McSpadden Bros.	1931	1,320	14, 10, 8, 6	QTal	2,593	60R	Nov. 5, 1931	N	N	Destroyed railroad-supply well; cased to 1,310 feet; 6 gal/min bailed in a test in 1931; sand at 1,320 feet yielded water containing about 16,700 mg/l chlorine. 3/
1/ 407	Presidio Water Supply Company	H. H. Virdell	about 1948	84	16	Qal	2,595	63.1	May 10, 1974	T, E, 20	P	Railroad well used for Presidio water supply; cased to 78 feet, perforated 58-78 feet; water-bearing sand and gravel 68-82 feet. 3/
408	Kuykendall & Black	--	--	56	6	Qal	2,597	--	--	S, E, 2	Ind	North well of 2; 20 gal/min estimated in 1974 with about 6 feet drawdown; fair-quality water reported.
409	do	--	1963	51	6	Qal	2,597	45.0	May 10, 1974	C, R, 2	Ind	South well of 2; 15 gal/min estimated in 1974; fair-quality water reported.
1/ 410	Texas Highway Dept.	Texas Highway Dept.	1958	110	4	QTal	2,582	30.0	Mar. 21, 1973	S, E, 1	Ind	40 gal/min; brief driller's log, water-bearing gravel and sand 33-70 feet. 3/
1/ 411	Presidio Truck & Tractor Inc.	Dunham Drilling Co.	1963	75	8	Qal	2,590	33.4	May 11, 1974	S, E, 1/2	Ind	Cased to 65 feet, perforated 40-65 feet; 12 gal/min estimated in 1974; water-bearing sand 45-64 feet. 3/
412	Camino Del Rio Motel	--	1940's	33	36	Qal	± 2,580	23.9	Mar. 29, 1973	J, E, 1/2	D	Field specific conductance 640 umho/cm, 24°C.
413	Presidio Water Supply Corp.	--	1929	34	120	Qal	2,580	28.5 24.4	Nov. 4, 1949 May 10, 1974	T	N	Unused public-supply well, originally drilled to 40 feet; 50 gal/min reported when in use; fair-quality water reported, 82°F.
414	U.S. Border Patrol	--	1940's	42	4	Qal	2,640	36.4	Apr. 12, 1973	C, E, 1	N	Unused domestic well; fair-quality water reported.
415	Forrest E. Vaughn	--	about 1968	50	8	Qal	2,618	29.8	Mar. 20, 1973	N	N	Abandoned after drilling, insufficient supply.
416	Lamael Spencer	--	about 1948	22	36	Qal	2,563	11.4	June 21, 1974	Cf, E, 15	Irr	Reported 350 gal/min, cased with porous concrete to 22 feet.
417	Jim Halper Est.	--	1940's	20	72 x 96	Qal	2,561	7.1	Mar. 21, 1973	Cf, E, 15	Irr	500 gal/min reported.
418	Ted Millington	--	about 1938	20	60 x 60	Qal	2,562	6.8	Aug. 23, 1973	T, E, 7-1/2	Irr	Originally dug to 24 feet; 500 gal/min reported, 6-inch discharge pipe.
1/ 419	do	Mac Tarwater	about 1956	65	6	Qal	2,575	21.7	do	J, E, 3/4	D	Measured 10 gal/min 8-23-73.
420	Richard Hooper	Dick Baker Drilling Co.	1974	121	6	QTal	--	29.7	June 20, 1974	N	N	Southwest well of 2; will be used for domestic and industrial supply; cased to 118 feet; field specific conductance of bailed sample 800 umho/cm. 3/
421	do	Dunagan	1974	42	36	Qal	--	30.4	June 20, 1974	J, E, 1/2	D	Northwest well of 2; field specific conductance 800 umho/cm, 21°C.
1/ 422	M. B. Herrera	--	1950's	40±	23	Qal	2,557	2.6	Aug. 23, 1974	T, G	Irr	8-inch discharge pipe, 800 gal/min measured 8-23-74; specific capacity 54 gal/min/ft 8-22-73.
1/ 423	Fernando Daly	--	--	--	--	Qal	2,590	--	--	S, E	D	Reported 15 gal/min in 1974.
424	Luna Francisco	--	--	49	48	Qal	2,588	43.8	Nov. 4, 1949	C, W	S	--

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Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
UW-74-30-425	Bob Holloway	--	1967	24	7	Qal	2,561	5.6	Aug. 23, 1973	Cf, E, -7.5	Irr	Reported 500 gal/min.
426	Louis Ehrlich	--	1950	20	96	Qal	2,558	7.5 4.8	June 19, 1961 June 14, 1974	Cf	Irr	Formerly State well no. UW-74-30-701; originally driven and cased to 30 feet; used as standby irrigation supply; 800 gal/min reported in 1961, good-quality water reported.
501	Robert I. Bledsoe	Star Drilling Co. (Wesley W. West)	1954	12,999	16, 13	--	2,679	--	--	N	N	Oil test, Wesley W. West, R. I. Bledsoe no. 1; cased to 935 feet.
502	--	--	1950's	16	36	Qal	2,552	8.5	June 17, 1974	E, H	S	--
1/ 601	Victor Thiel	Antonio Hernandez	1936	24	66	Qal	2,641	12.7	June 19, 1974	T, C, 35±	Irr	South well of 2; 600 gal/min reported, 8-inch pump.
602	do	--	1962	20	36	Qal	2,641	14.1	do	T, G, 35±	Irr	North well of 2; 6-inch pump.
603	Augustin Deanda	--	1940's	18	60	Qal	2,700	14.2 12.7	Nov. 22, 1949 June 19, 1974	C, W	S	Formerly State well no. UW-74-31-101; originally dug to about 60 feet; 5 gal/min estimated in 1949, good-quality water reported.
701	Louis Ehrlich	--	1951	8	96	Qal	2,554	8.7 3.6	June 19, 1961 June 14, 1974	Cf, G	Irr	Originally dug and cased to 35 feet, used as standby irrigation supply; 800 gal/min reported in 1961; variable (commonly poor) water quality reported.
702	Clay & J. C. Pool	W. L. Dunham	1963	65±	23	Qal	2,563	12.2	Aug. 23, 1973	T, G, 40	N	Unused irrigation well, perforated 15-65 feet; 8-inch pump; salty water reported.
703	Mariano Molinar	--	1953	22	72 x 72	Qal	2,554	.7	June 14, 1974	Cf, G, 35±	Irr	South well of 2; 400 gal/min reported in 1974, 6-inch pump; field specific conductance 3,000 umho/cm, 21.5°C.
1/ 704	do	--	--	21	66 x 66	Qal	2,555	5.5	do	Cf, G, 35±	Irr	North well of 2; 6-inch pump.
705	Louis Ehrlich	--	1960's	7	60 x 60	Qal	2,554	1.0	do	Cf, G, 45±	Irr	Reported 500 gal/min in 1974; 8-inch-pump; field specific conductance 1,300 umho/cm, 22°C; probably recycles irrigation drainage.
706	Clay and J. C. Pool	Dunham Drilling Co.	1963	62	23	Qal	2,564	15.9 14.9	Mar. 2, 1966 Aug. 23, 1973	T, G, 40	N	Formerly State well no. UW-74-30-406; unused irrigation well, west well of 2; cased to 62 feet and perforated 14-62 feet; tested at 1,000 when drilled, 8-inch pump; specific capacity reported about 80 gal/min/ft; poor-quality water reported. Texas Water Development Board water-level observation well.
801	L. H. Brito	--	--	18	28	Qal	2,560±	29.5 15.9	Nov. 1, 1949 June 15, 1974	N	N	Abandoned stock well, originally dug to 32 feet and cased with porous concrete to 30 feet; 50 gal/min reported in 1949.
802	Oscar Spencer	--	1952	22	90	Qal	2,549	7.6 6.2	June 19, 1961 Aug. 23, 1973	Cf	Irr	Used as standby irrigation supply; originally dug and cased to 30 feet; 800 gal/min reported in 1961, 6-inch pump.
803	Clay Slack Est.	--	1951	30	96	Qal	2,544	10.2 4.9	June 19, 1961 June 15, 1974	Cf	N	Unused irrigation well; 800 gal/min reported in 1961, 6-inch pump.
804	Herman Driffiel	--	--	spring	--	Qal	--	F	--	--	S	Measured 33 gal/min 6-17-74; field specific conductance 450 umho/cm, 22°C.
1/ 805	do	--	--	8	36	Qal	2,555	F	--	Cf, E, 3/4	S, D	Dug well; set 36-inch concrete curbing; well and adjacent seeps flowing 22 gal/min 6-17-74.

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Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

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UW-74-30-806	Alvaro Hernandez	--	1950's	--	96	Qal	2,544	4.5	June 15, 1974	Cf, G	Irr	--
1/ 807	Reynaldo Hernandez	Reynaldo Hernandez	about 1955	24	28	Qal	2,565	20.8	do	J, E, 1/2	D, S	Perforated 20-24 feet; 8 gal/min measured 6-15-74.
808	Oscar Spencer	--	1950's	--	--	Qal	2,551	8R	--	T, G	Irr	8-inch pump; poor-quality water reported.
1/ 809	Texas Parks & Wildlife Department	H. H. Virdell	1969	49	6	Qal	2,551	7.8	June 17, 1974	S, E, 3/4	P	Water supply for Ft. Leaton State Park; originally drilled to 52 feet, cased to 50 feet, perforated 17-42 feet; 15 gal/min estimated in 1974. 3/
1/ 810	Eleuterio Hernandez	--	about 1950	36	24	Qal	2,570	27.5	July 15, 1974	J, E, 1/2	D	Estimated 15 gal/min in 1974.
901	Miguel Nieto	--	--	spring	--	Qal	2,555	F	--	--	S, R	Measured 90 gal/min 6-17-74; field specific conductance 500 umho/cm, 22°C.
902	Amador Estrada	--	1950's	27	36	Qal	2,553	22.0 15.0	Nov. 1, 1949 June 17, 1974	C, W	D	Estimated 5 gal/min in 1974; good-quality water reported.
903	do	Amador Estrada	1940's	30	36	Qal	2,542	--	--	N	N	Unused irrigation well, cased with porous concrete to 30 feet; 300 gal/min, good-quality water reported.
904	Eleuterio Hernandez	--	1945	23	60	Qal	2,550	12.9	June 17, 1974	Cf, G, 60±	Irr	Cased with porous concrete 8-23 feet; 6-inch pump; field specific conductance 430 umho/cm, 23°C.
31-101	Lely Ranch	George McSpadden	about 1945	400	--	Tv or K?	--	--	--	--	N	Abandoned test hole; negligible yield.
1/ 201	do	McSpadden Bros.	1940's	290	8	QTal	--	231.4	June 19, 1974	C, W	S	"Big Russell Mill;" formerly State well no. UW-74-31-501; 3 gal/min estimated in 1974.
301	do	do	--	170	8, 6	Tv?	3,160±	130R	Nov. 24, 1949	C, W	S	Cased to 80 feet; 3 gal/min estimated in 1949.
1/ 501	Big Bend Ranch	do	1940's	128	4	QTal	2,990	113.3	June 19, 1974	C, W	S	Estimated 3-4 gal/min in 1974.
601	do	--	--	spring	--	--	3,100±	F	--	--	D, S	Estimated 2 gal/min in 1949, 74°F.
1/ 701	Amador Estrada	--	1956	33	36	QTal	--	19.3	June 19, 1974	T, G	Irr	Cased with porous concrete 22-33 feet; 8-inch pump with 4-inch discharge pipe.
702	Ladder Ranch Corp.	--	--	spring	--	QTal	--	F	--	--	S	Estimated 5-6 gal/min in 1974; field specific conductance 450 umho/cm, 26°C.
39-101	T. Carrasco	Johnson	1952	80	16	Qal	2,530	16.8	June 19, 1961	N	N	Unused irrigation well, cased to 80 feet; 1,500 gal/min reported.
102	do	--	1950's	25	8	Qal	2,530	14.7	July 17, 1974	S, E, 1/2	S	Irrigation well converted to stock supply; 12-14 gal/min estimated in 1974; field specific conductance 1,050 umho/cm, 24°C.
1/ 201	Raul Madrid	--	about 1957	204	6	QTal	2,522	39.0 38.2	Nov. 2, 1949 June 17, 1974	S, E, 1/2	D	Cased to 150 feet; 12 gal/min estimated in 1974.
1/ 501	Guadalupe Dominguez	--	--	25	36	Qal	2,515	22R	1950	C, W	D, S	Estimated 5 gal/min in 1949.
502	Rubin Madrid	--	1950	50	120	Qal	2,501	10.5 10.6 11.4	June 19, 1961 Mar. 2, 1965 Jan. 23, 1970	T, G	Irr	Reported 1,500 gal/min in 1961, 6-inch pump; Texas Water Development Board water-level observation well.
503	Modesto Carrasco	--	1951	80	16	Qal	2,495	19.8	June 19, 1961	T, G	N	Unused irrigation well, cased to 80 feet; formerly State well no. UW-74-39-201; 1,200 gal/min reported in 1961.

See footnotes at end of table.

Table 1.--Records of selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	OWNER	DRILLER	DATE COMPLETED	DEPTH OF WELL (ft.)	DIAMETER OF CASING (in.)	WATER BEARING UNIT	ALTITUDE OF LAND SURFACE (ft.)	WATER LEVEL: ABOVE (+) OR BELOW SURFACE DATUM (ft.)	WATER LEVEL: DATE OF MEASUREMENT	METHOD OF LIFT	USE OF WATER	REMARKS
1/ UW-74-39-504	Independent School Dist. #1	John McSpadden	1964	214	6	QTal	2,515	45.0	June 17, 1974	S, E, 3/4	P	Cased to 214 feet and perforated 174-214 feet; 15 gal/min estimated in 1974. 3/
1/ 505	Pablo B. Carrasco	H. H. Virdell	about 1967	200±	6	QTal	2,522	56.6	do	S, E, 1/2	P	Redford water-supply well; 15 gal/min estimated in 1974; water-bearing zone reported about 180-200 feet.
506	Rubin Madred	Harrel	--	160	8	QTal	2,521	95.0	Nov. 1949	C, W	D, S	Cased to 125 feet; water-bearing zone 155-160 feet; 7 gal/min estimated in 1949.
507	Henry Madrid	do	--	155	8	QTal	2,521	45.0	Nov. 2, 1949	C, W	D, S	Cased to 155 feet; 55 gal/min estimated in 1949.
1/ 601	Fred Quintella	--	--	386	6?	QTal?	2,792	311.0	June 17, 1974	C, C	S	Estimated 3-4 gal/min in 1974.
801	B. K. Mallan	--	--	27	60	Qal	2,500+	24.0	Nov. 2, 1949	N	N	Unused stock well; 5 gal/min estimated in 1949.
802	Antonio Pena	--	1973	35	32	Qal	2,536	31.2	June 17, 1974	C[, G, 2	S	Cased with porous concrete to 35 feet; 6-8 gal/min estimated in 1974; field specific conductance 2,400 umho/cm, 27°C.
901	Ernest H. Huffington	--	about 1945	32	24	Qal	2,490	23.4 26.6	Nov. 2, 1949 June 18, 1974	,C, G, 2	D, S	Cased with porous concrete; 5 gal/min measured 6-18-74; field specific conductance 2,000 umho/cm, 25°C.
902	F. A. Alvarado	--	about 1950	28	48	Qal	2,484	5.4	do	T, G, 110	Irr	Cased with porous concrete from 21-28 feet; 890 gal/min measured 6-18-74, 8-inch pump; specific capacity 79 gal/min/ft; field specific conductance 2,600 umho/cm, 24°C.
903	B. K. Mallan	--	about 1950	36	36	Qal	2,500	31.6	do	C, W	N	Unused stock and domestic well, cased with porous concrete; 5 gal/min estimated in 1974; field specific conductance 2,800 umho/cm, 25°C.
1/ 904	Faustino Pineda, Jr.	Dick Baker Drilling Co.	1974	135	8	QTal	2,485	23.3	June 17, 1974	T, G, 80	Irr, S	Cased to 135 feet; 100 gal/min measured 6-17-74; specific capacity 1.5 gal/min/ft. 3/
1/ 48-101	Ladder Ranch Corp.	John McSpadden	about 1940	64	8	Tv?	2,478	35.2	June 18, 1974	C, W	D, S	Measured 3-4 gal/min in 1974; field specific conductance 440 umho/cm, 25°C.

1/ Chemical analysis of water given in table 3.
2/ Additional water-level measurements in table 2.
3/ Driller's log of well in files of Texas Water Development Board.

See footnotes at end of table.

Table 2.--Water Levels in Selected Observation Wells in the Salt Basin--Continued

Well no.	Date	Depth to water below land surface (feet)
HL-47-51-501 (Continued)	Jan. 27, 1957	156.6
	Jan. 15, 1958	158.0
	Jan. 28, 1960	159.6
	Feb. 10, 1962	165.1
	Feb. 6, 1963	164.8
	Jan. 24, 1964	166.3
	Jan. 23, 1965	164.4
	Feb. 16, 1966	165.5
	Jan. 19, 1967	164.6
	Feb. 6, 1969	165.8
	Jan. 28, 1970	167.2
	Feb. 12, 1971	171.5
	Dec. 8, 1971	169.4
	Apr. 12, 1972	170.8
	Dec. 4, 1972	173.1
	Dec. 13, 1972	168.9
	Dec. 18, 1973	182.2
HL-47-59-203	May 11, 1950	218.9
	Jan. 27, 1953	219.3
	Jan. 21, 1954	222.3
	Jan. 20, 1955	223.0
	Jan. 23, 1956	224.2
	Jan. 28, 1957	227.8
	Jan. 15, 1958	231.5
	Jan. 27, 1960	233.3
	Feb. 9, 1961	230.9
	Feb. 9, 1962	232.0
	Feb. 6, 1963	233.1
	Jan. 24, 1964	234.1
	Jan. 27, 1965	247.9
	Feb. 16, 1966	235.6
	Sept. 14, 1966	237.3
	Nov. 7, 1966	235.68
	Jan. 18, 1967	246.4
	Jan. 17, 1968	236.9
	Feb. 7, 1969	238.1
	Jan. 27, 1970	238.4
	Dec. 7, 1971	255.4
	Mar. 4, 1972	240.7
	Dec. 4, 1972	255.4
	Dec. 22, 1972	240.9
	Jan. 30, 1976	251.2
HL-47-59-301	Mar. 3, 1951	218.3
	Mar. 8, 1952	220.0
	Jan. 27, 1953	226.3
	Jan. 21, 1954	223.1
	Jan. 22, 1955	224.2
	Jan. 23, 1956	225.8
	Jan. 27, 1960	231.6
	Feb. 9, 1961	230.6
	Feb. 10, 1962	233.4
	Feb. 6, 1963	238.03
	Jan. 24, 1964	233.5
	Jan. 27, 1965	235.2
	Feb. 16, 1966	235.8
	Sept. 1, 1966	236.4
	Nov. 8, 1966	235.7
	Jan. 18, 1967	235.8
	Jan. 16, 1968	236.3
	Feb. 7, 1969	237.7
	Jan. 28, 1970	237.1
	Feb. 12, 1971	257.8
	Dec. 8, 1971	266.7
	Mar. 23, 1972	242.1
HL-47-59-301 (Continued)	Dec. 4, 1972	271.5
	Dec. 17, 1973	269.8
	Jan. 21, 1975	269.3
	Jan. 30, 1976	269.0
HL-51-02-903	Feb. 28, 1951	102.4
	Jan. 26, 1953	125.8
	Jan. 23, 1954	127.9
	Jan. 23, 1955	132.7
	Jan. 24, 1956	139.5
	Jan. 28, 1957	151.0
	Jan. 16, 1958	155.2
	Jan. 27, 1960	172.5
	Feb. 10, 1961	175.6
	Feb. 9, 1962	190.7
	Feb. 7, 1963	195.9
	Jan. 24, 1964	191.1
	Jan. 23, 1965	219.9
	Feb. 17, 1966	205.5
	Jan. 17, 1967	217.8
	Jan. 16, 1968	223.5
	Feb. 11, 1969	219.7
	Jan. 27, 1970	229.6
	Feb. 10, 1971	241.8
	Dec. 10, 1971	234.2
	Jan. 14, 1972	232.2
	Dec. 8, 1972	232.2
	Jan. 18, 1973	233.4
	Dec. 17, 1973	238.3
	Jan. 29, 1976	251.4
HL-51-02-906	June 22, 1949	132.2
	May 3, 1950	139.3
	June 2, 1950	151.0
	Feb. 8, 1951	144.4
	Jan. 26, 1953	147.9
	Jan. 23, 1954	152.3
	Jan. 23, 1955	154.9
	Jan. 24, 1956	158.5
	Jan. 28, 1957	163.4
	Jan. 16, 1958	168.9
	Jan. 27, 1960	180.1
	Feb. 10, 1961	180.5
	Feb. 9, 1962	198.7
	Feb. 7, 1963	194.8
	Jan. 24, 1964	198.7
	Jan. 23, 1965	206.8
	Feb. 17, 1966	209.8
	Jan. 17, 1967	220.7
	Jan. 15, 1968	214.7
	Feb. 11, 1969	217.5
	Jan. 27, 1970	225.4
	Dec. 9, 1971	228.3
	Jan. 13, 1972	226.2
	Dec. 8, 1972	228.3
	Jan. 15, 1973	228.2
	Dec. 17, 1973	230.4
	Jan. 24, 1975	229.7
HL-51-10-331 (formerly HL-51-11-101)	June 22, 1949	79.7
	May 10, 1950	86.8
	Feb. 9, 1951	90.9
	Mar. 7, 1952	99.1
	Jan. 26, 1953	108.1
	Jan. 23, 1954	115.0
	Jan. 23, 1955	118.2

Table 2.—Water Levels in Selected Observation Wells in the Salt Basin—Continued

Well no.	Date	Depth to water below land surface (feet)
HL-51-10-331 (Continued)	Jan. 24, 1956	124.5
	Jan. 29, 1957	131.3
	Jan. 16, 1958	136.7
	Jan. 27, 1960	144.2
	Feb. 10, 1961	146.7
	Feb. 10, 1962	151.6
	Feb. 7, 1963	157.3
	Jan. 24, 1964	160.9
	Jan. 23, 1965	179.8
	Feb. 17, 1966	172.6
	Sept. 14, 1966	178.4
	Jan. 17, 1967	177.7
	Jan. 15, 1968	182.4
	Feb. 10, 1969	179.7
	Jan. 27, 1970	180.7
	Feb. 10, 1971	198.9
	Dec. 11, 1971	194.3
	Jan. 10, 1972	197.2
	Dec. 7, 1972	200.2
	Jan. 16, 1973	200.3
HL-51-10-604	Nov. , 1949	86.0
	May 2, 1950	92.5
	Feb. 28, 1951	88.5
	Jan. 26, 1953	111.6
	Jan. 23, 1954	120.7
	Jan. 23, 1955	125.9
	Jan. 24, 1956	133.7
	Jan. 29, 1957	143.2
	Jan. 17, 1958	147.7
	Jan. 27, 1960	156.9
	Feb. 10, 1961	160.5
	Jan. 24, 1964	176.8
	Feb. 17, 1966	178.4
	Sept. 14, 1966	186.0
	Nov. 8, 1966	182.2
	Jan. 17, 1967	182.3
	Jan. 15, 1968	184.2
	Feb. 10, 1969	184.5
	Jan. 27, 1970	189.9
	Feb. 10, 1971	209.5
	Jan. 5, 1972	179.4
	Jan. 18, 1973	180.1
	Dec. 17, 1973	185.1
	Jan. 24, 1975	185.1
	Jan. 29, 1976	184.4
HL-51-10-901	Jan. 26, 1953	133.6
	Jan. 23, 1954	136.5
	Jan. 23, 1955	140.4
	Jan. 24, 1956	144.0
	Jan. 29, 1957	148.6
	Jan. 17, 1958	153.1
	Jan. 27, 1960	172.1
	Feb. 10, 1961	157.0
	Jan. 27, 1965	168.9
	Feb. 17, 1966	171.1
	Jan. 17, 1967	168.1
	Jan. 15, 1968	174.2
	Feb. 10, 1969	172.0
	Jan. 27, 1970	179.8
	Nov. 30, 1971	192.5
	Dec. 10, 1971	190.4
	Dec. 7, 1972	197.5
	Jan. 18, 1973	189.4
	Dec. 18, 1973	182.8
	Jan. 21, 1975	193.5
	Jan. 29, 1976	194.0
HL-51-11-403	June 22, 1949	105.8
	Feb. 28, 1951	115.0
	Jan. 26, 1953	129.3
	Jan. 23, 1954	134.6
	Jan. 23, 1955	137.1
	Jan. 24, 1956	141.7
	Feb. 10, 1962	159.0
	Feb. 7, 1963	161.3
	Jan. 24, 1964	163.3
	Jan. 23, 1965	167.9
	Feb. 17, 1966	167.5
	Jan. 17, 1967	168.4
	Feb. 10, 1969	168.7
	Jan. 27, 1970	173.2
	Nov. 1, 1971	176.4
	Dec. 10, 1971	177.1
	Jan. 17, 1973	179.1
	Dec. 18, 1973	178.8
	Jan. 21, 1975	198.5
	Jan. 29, 1976	190.1
PS-51-19-104	May 2, 1950	136.4
	May 10, 1950	136.5
	Feb. 28, 1951	137.1
	Jan. 23, 1954	151.6
	Jan. 24, 1955	154.4
	Jan. 19, 1956	156.1
	Jan. 29, 1957	162.5
	Jan. 17, 1958	169.0
	Jan. 27, 1960	166.7
	Feb. 10, 1961	169.3
	Feb. 10, 1962	182.5
	Jan. 24, 1964	191.0
	Feb. 17, 1966	183.9
	Jan. 12, 1967	190.0
	Jan. 15, 1968	198.7
	Feb. 9, 1969	197.4
	Jan. 26, 1970	173.7
	Jan. 15, 1971	192.1
	Dec. 7, 1971	198.6
	Jan. 19, 1973	201.9
	Dec. 18, 1973	214.5
	Jan. 14, 1975	222.2
	Jan. 29, 1976	213.5
PS-51-19-301	June 13, 1950	197.3
	Feb. 28, 1951	198.5
	Jan. 27, 1953	206.6
	Jan. 24, 1954	210.6
	Jan. 23, 1955	213.3
	Jan. 19, 1956	216.1
	Jan. 29, 1957	219.3
	Jan. 17, 1958	222.3
	Feb. 10, 1961	228.3
	Feb. 10, 1962	230.8
	Jan. 24, 1964	234.7
	Jan. 27, 1965	237.0
	Feb. 17, 1966	238.0
	Jan. 12, 1967	239.5
	Feb. 9, 1969	242.0
	Jan. 26, 1970	243.3
	Jan. 15, 1971	244.8
	Dec. 7, 1971	251.3
	June 19, 1972	246.9
	Dec. 7, 1972	246.6
	Jan. 19, 1973	247.6
	Dec. 18, 1973	249.1
	Jan. 14, 1975	251.1
	Jan. 29, 1976	253.6

Table 2.—Water Levels in Selected Observation Wells in the Salt Basin

Well no.	Date	Depth to water below land surface (feet)
PD-47-09-801	June 8, 1954	83.0
	Nov. 17, 1959	88.9
	Jan. 26, 1960	86.4
	Feb. 7, 1961	88.0
	Feb. 12, 1962	88.1
	Feb. 8, 1963	89.8
	Jan. 23, 1964	93.7
	Jan. 27, 1965	98.5
	Feb. 9, 1966	92.0
	Sept. 12, 1966	96.2
	Nov. 8, 1966	92.7
	Jan. 25, 1967	90.7
	Jan. 22, 1968	92.0
	Nov. 13, 1973	102.3
PD-47-17-202	June 10, 1954	54.9
	Jan. 17, 1958	54.6
	Nov. 17, 1959	56.9
	Jan. 26, 1960	55.3
	Feb. 7, 1961	55.8
	Feb. 12, 1962	57.3
	Feb. 8, 1963	56.8
	Jan. 23, 1964	56.9
	Jan. 27, 1965	58.6
	Apr. 5, 1965	63.0
	Feb. 9, 1966	55.7
	Sept. 12, 1966	54.7
	Nov. 8, 1966	55.1
	Jan. 25, 1967	56.0
	Jan. 22, 1968	58.2
	Feb. 13, 1969	58.4
	Jan. 8, 1970	59.7
	Feb. 23, 1971	59.9
	Feb. 11, 1972	62.4
	Feb. 26, 1973	63.8
	Jan. 2, 1974	63.4
	Feb. 11, 1974	63.5
	Jan. 17, 1975	66.1
	Feb. 3, 1976	68.2
HL-47-17-302	Jan. 17, 1958	146.9
	Nov. 17, 1959	152.0
	Jan. 26, 1960	149.8
	Feb. 7, 1961	149.2
	Feb. 12, 1962	150.3
	Feb. 8, 1963	151.5
	Jan. 23, 1964	154.1
	Apr. 5, 1964	161.2
	Jan. 27, 1965	166.2
	Feb. 9, 1966	164.5
	Jan. 25, 1967	165.1
	Jan. 22, 1968	157.4
	Feb. 5, 1969	155.9
	Jan. 8, 1970	157.6
	Dec. 7, 1971	171.0
	Feb. 9, 1972	159.2
	Sept. 7, 1972	167.9
	Feb. 26, 1973	158.0
	Jan. 2, 1974	162.1
	Feb. 11, 1974	161.1
	Feb. 3, 1976	165.0
HL-47-17-304	April 7, 1965	197.1
	Feb. 9, 1966	196.0
	Jan. 25, 1967	194.2
	Jan. 22, 1968	196.2
HL-47-17-304 (Continued)	Feb. 5, 1969	197.7
	Jan. 8, 1970	199.2
	Feb. 23, 1971	199.9
	Dec. 7, 1971	203.3
	Feb. 9, 1972	200.7
	Feb. 26, 1973	199.6
	Jan. 2, 1974	203.7
	Feb. 11, 1974	202.6
	Jan. 20, 1975	202.7
HL-47-17-903 (formerly HL-47-18-701)	May 8, 1965	114.1
	Sept. 12, 1966	130.8
	Nov. 7, 1966	133.0
	Jan. 22, 1968	145.7
	Feb. 5, 1969	143.3
	Jan. 8, 1970	138.1
	Feb. 23, 1971	127.4
	Feb. 10, 1972	124.9
	Feb. 27, 1973	123.6
	Feb. 12, 1974	123.0
HL-47-43-202 (formerly HL-47-43-301)	Jan. 21, 1954	223.5
	Jan. 22, 1955	224.6
	Jan. 19, 1956	225.7
	Jan. 27, 1960	229.8
	Feb. 7, 1961	230.8
	Feb. 10, 1962	232.1
	Feb. 6, 1963	233.5
	Jan. 24, 1964	234.4
	Jan. 23, 1965	234.5
	Nov. 9, 1966	236.5
	Jan. 19, 1967	235.4
	Jan. 16, 1968	240.8
	Feb. 4, 1969	238.7
	Jan. 23, 1970	244.8
	Feb. 12, 1971	250.2
	Dec. 8, 1971	260.7
	Mar. 30, 1972	242.1
	Dec. 4, 1972	256.8
	Dec. 12, 1972	242.5
	Feb. 3, 1976	258.7
HL-47-43-701	Jan. 29, 1953	131.3
	Jan. 21, 1954	131.1
	Jan. 22, 1955	131.9
	Jan. 23, 1956	132.0
	Jan. 27, 1960	134.7
	Feb. 7, 1961	136.6
	Feb. 10, 1962	143.0
	Feb. 6, 1963	162.2
	Jan. 24, 1964	171.3
	Jan. 23, 1965	140.6
	Feb. 16, 1966	139.4
	Jan. 19, 1967	138.0
	Jan. 17, 1968	140.0
	Jan. 4, 1969	141.8
	Jan. 23, 1970	141.1
	Feb. 12, 1971	156.7
	Dec. 8, 1971	143.6
	Mar. 6, 1972	143.3
HL-47-51-501	May 11, 1950	151.6
	Jan. 27, 1953	156.9
	Jan. 21, 1954	154.0
	Jan. 22, 1955	154.0
	Jan. 23, 1956	156.2

Table 3.--Chemical analyses of water from selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson

Analysts by: CAL--Colorado Analytical Laboratory, Brighton, Col.; EPNG--El Paso Natural Gas Co.; EPTL--El Paso Testing Laboratories; GS--U.S. Geological Survey; IBWC--International Boundary and Water Commission; Pla--Pope Laboratories, Dallas, Tex.; SWL--Southwestern Laboratories, Midland, Tex.; TAES--Texas Agricultural Experiment Station; TDHR--Texas Department of Health; WCO--Western Cotton Oil Co.

Water-bearing units: K--Cretaceous rock, undifferentiated; Kc--Cox Formation; Pe--Permian rocks, undifferentiated; Pued--Delaware Mountain Group; Pbs--Bone Spring; Pbsvp--Bone Spring, Victoria Peak, undifferentiated; Pc--Capitan Limestone (reef complex and associated limestone); Pk--Precambrian rocks, undifferentiated; Qal--Alluvial deposits, Quaternary age; QTal--Alluvial basin fill of Quaternary and Tertiary age, undifferentiated; QTalTv--Alluvial basin fill and volcanics, Quaternary and Tertiary age, undifferentiated; Ti--Tertiary intrusives, undifferentiated; Tv--Tertiary volcanics.

WELL	ANALYSIS BY	DEPTH OF PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DIS-SOLVED SILICA (SiO_2) (MG/L)	DIS-SOLVED IRON (FE) (MG/L)	MIN-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA)[1] (MG/L)	DIS-SOLVED POTAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO_3) (MG/L)	CAR-BONATE (CO_3) (MG/L)	DIS-SOLVED SUL-FATE (SO_4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (NO_3) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS (MG/L)	HARD-NESS (CA, MG) (MG/L)	PER-CENT SODIUM	RESIDUAL SODIUM CAR-BONATE (RSC)	SODIUM AD-SORP-TION RATIO (SAR)	SPECIFIC CONDUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEM-PERA-TURE (°C)
PD-47-01-701	GS	80	QTal	Sept. 29, 1948	16	--	670	298	900	--	96	0	2,440	1,470	--	200	--	6,470	2,900	40	0.00	10.5	7,900	--	--
09-202	GS	240	--	Nov. 13, 1973	--	--	120	36	32	--	292	0	250	69	--	--	--	--	530	12	.00	.6	1,080	7.8	20
203	GS	1507	QTal	do	--	--	240	140	345	--	202	0	790	650	--	--	--	2,260	1,200	39	.00	4.4	3,510	7.8	19
501	GS	80	QTal	Nov. 14, 1973	--	--	180	100	84	--	236	0	440	290	--	--	--	1,210	870	17	.00	1.2	1,930	7.7	18
502	GS	140	QTal	do	--	--	210	94	66	--	268	0	640	110	--	--	--	1,2504	900	14	.00	1.0	1,780	7.7	20
702	GS	70	QTal	Mar. 21, 1972	--	--	270	170	--	--	286	0	1,500	550	--	--	--	--	1,400	--	.00	--	4,260	7.8	19
801	GS	270-412	Pc	June 22, 1954	20	--	144	74	70	--	271	0	448	88	1.2	3.2	0.04	981	664	19	.00	1.2	1,450	--	--
	TDHR			Aug. 2, 1966	17	--	181	73	97	--	270	0	465	195	1.3	12.0	--	1,170	750	22	.00	1.5	1,760	7.5	21
	TDHR			Aug. 7, 1968	16	--	164	78	81	--	282	0	444	133	1.3	12.0	--	1,070	732	19	.00	1.3	1,550	7.5	22
802	GS	2501	Pc	July 26, 1960	20	--	156	67	93	--	278	0	440	128	--	1.2	--	1,040	664	23	.00	1.6	1,490	7.3	21
	TDHR			July 26, 1963	17	--	152	79	92	--	276	0	439	133	1.3	1.0	--	1,190	710	22	.00	1.5	1,560	7.4	18
803	TDHR	--	Pc	Aug. 4, 1967	16	--	222	99	156	--	279	0	680	256	1.5	3.5	--	1,550	960	26	.00	2.2	2,090	7.2	--
805	GS	100-515	Pc	July 26, 1960	22	--	145	65	91	--	278	0	438	98	--	5.4	--	1,000	630	24	.00	1.6	1,460	7.1	19
	TDHR			July 26, 1963	15	--	149	77	77	--	272	0	433	112	1.3	5.0	--	1,140	690	20	.00	1.3	1,510	7.5	--
	TDHR			June 14, 1967	18	--	210	96	124	--	266	0	580	249	1.5	28.0	--	1,440	920	23	.00	1.8	2,040	7.5	21
HL-47-09-901	EPNG	263-591	QTal, Pc	Aug. 14, 1957	18	0.20	123	51	71	--	286	0	359	40	.7	--	--	951	516	23	.00	1.56	--	7.4	--
	EPNG			Mar. 1, 1966	13	--	143	70	74	--	280	0	470	61	--	--	--	1,111	646	20	.00	1.27	1,338	7.6	--
	TDHR			Aug. 7, 1968	11	--	159	70	46	--	279	0	470	40	1.2	< .4	--	930	685	13	.00	.8	1,300	7.7	--
	EPNG			Apr. 6, 1971	15	--	163	72	25	--	280	0	430	57	1.1	--	--	1,044	704	7	.00	.41	1,276	7.7	--
2/ 902	SWL	320	Pc	Apr. 21, 1965	--	--	--	--	100	--	188	0	406	79	--	--	--	912	470	--	.00	--	1,367	--	--
2/	GS	300		May 15, 1965	--	--	--	--	--	--	294	0	396	74	--	--	--	--	630	--	--	--	1,290	7.6	--
903	EPNG	275-650	Pc	May 22, 1970	17	1.1	167	68	74	--	280	0	500	75	1.1	--	--	1,181	696	19	.00	1.22	1,385	7.2	--
				Dec. 10, 1971	--	--	147	--	--	--	284	0	--	57	--	--	--	--	636	--	--	--	1,200	7.2	--
904	EPNG	382	QTal, Pc?	Dec. 18, 1956	22	1.4	119	54	--	--	299	0	338	61	--	--	--	957	577	--	.00	--	1,224	8.6	--
	EPNG			Mar. 19, 1958	17	.1	113	80	173	--	280	0	632	81	--	--	--	1,240	530	42	.00	3.27	1,170	7.8	--
	EPNG			Mar. 1, 1966	16	--	240	142	147	--	232	0	800	343	--	--	--	1,924	1,186	21	.00	1.86	2,774	7.5	--
	EPNG			Mar. 3, 1969	16	--	152	66	--	--	274	0	470	57	1.0	--	--	1,047	650	--	.00	--	1,261	7.8	--
	EPNG			Mar. 4, 1970	21	1.1	601	311	380	--	183	0	1,150	1,598	1.1	--	--	4,245	2,780	23	.00	3.14	6,112	7.4	--
10-501	SWL	1,100	Pbs?	Nov. 3, 1971	--	--	--	--	--	--	--	--	307	87	--	--	--	--	--	--	--	--	--	--	--
701	SWL	702?	--	Nov. 12, 1964	--	--	--	--	--	--	--	--	330	267	--	--	--	--	--	--	--	--	1,919	--	--
PD-47-17-201	TDHR	241-400	--	Aug. 4, 1967	18	--	164	73	76	--	255	0	464	121	1.4	5.0	--	1,080	710	19	.00	1.2	1,500	7.4	--
202	GS	89-94?	QTal, Pc?	July 26, 1960	19	--	448	248	600	--	252	0	1,370	1,270	--	11.0	--	4,080	2,130	38	.00	5.7	5,760	7.0	19
2/ 203	GS	250-500?	Pc	Apr. 5, 1965	--	--	--	--	--	--	184	0	1,160	580	--	--	--	--	1,850	-	.00	--	3,490	7.9	24
2/	GS	150		May 16, 1965	--	--	--	--	--	--	198	0	1,230	582	--	-	-	--	--	--	.00	--	3,620	7.4	--
	GS	450		do	--	--	--	--	--	--	25	0	913	462	--	--	--	--	1,140	--	.00	--	2,750	6.6	--
204	GS	86-890	Pc	Apr. 5, 1965	--	--	--	--	--	--	284	0	672	308	--	--	--	--	915	-	.00	--	2,340	7.9	20
206	TDHR	750	Pc	July 26, 1963	15	--	154	69	112	--	283	0	454	144	1.5	< .4	--	1,230	670	26	.00	1.5	1,600	7.5	18
	TDHR			Aug. 2, 1966	15	--	202	104	197	--	233	0	710	309	3.6	3.5	--	1,660	930	31	.00	2.8	2,350	7.5	21
207	GS	280-600	Pc	Apr. 5, 1965	--	--	--	--	--	--	255	0	716	445	--	--	--	--	1,180	--	.00	--	2,700	7.9	24
2/	GS	100		May 16, 1965	--	--	--	--	--	--	254	0	598	365	--	--	--	--	1,040	--	.00	-	2,340	7.7	--
2/	GS	500		do	--	--	--	--	--	--	252	0	660	380	--	--	--	--	1,050	--	.00	--	2,410	7.7	--
2/ 208	GS	870	Pc	May 13, 1965	--	--	--	--	--	--	298	0	426	150	--	--	--	--	668	--	--	--	1,560	7.5	--
2/	GS	300		May 18, 1965	--	--	--	--	--	--	290	0	424	150	1.0	--	--	--	666	--	--	--	1,550	7.8	--
218	TDHR	50-320	QTal, Pc?	July, 26, 1963	17	--	172	112	690	--	247	0	1,310	530	3.0	< .4	--	3,080	890	61	.00	10.0	4,080	7.5	--
HL-47-17 301	GS	155-385	Pc	Mar. 24, 1960	15	--	150	61	85	3.9	306	0	398	116	-	.2	.08	979	625	23	.00	1.5	1,470	7.5	24
	GS			July 26, 1963	15	--	148	68	94	-	298	0	403	112	1.5	< .4	-	1,140	650	24	.00	1.6	1,490	7.6	22
302	SWL	160-377	Pc	Nov. 12, 1964	--	3.6	--	--	90	--	180	0	390	130	1.0	1.8	--	956	542	--	--	--	1,308	7.9	-
	TDHR			July 12, 1966	13	--	156	86	79	--	299	0	396	110	1.4	< .4	--	970	660	21	.00	1.3	1,435	7.8	24
	TDHR			June 14, 1967	15	--	156	66	83	--	298	0	411	117	1.4	< .4	--	1,000	660	22	.00	1.4	1,450	7.9	26

See footnotes at end of table.

Table 3.--Chemical analyses of water from selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	ANALYSIS BY	DEPTH OF PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DIS-SOLVED SILICA (SiO_2) (MG/L)	DIS-SOLVED IRON (FE) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA)[1] (MG/L)	DIS-SOLVED POTAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO_3) (MG/L)	CAR-BONATE (CO_3) (MG/L)	DIS-SOLVED SUL-FATE (SO_4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (NO_3) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS (MG/L)	HARD-NESS (CA, MG) (MG/L)	PER-CENT SODIUM	RESIDUAL SODIUM CAR-BONATE (RSC)	SODIUM AD-SORP-TION RATIO (SAR)	SPECIFIC CONDUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEM-PERA-TURE (°C)
2/ BL-47-17-303	GS	160-377	Pc	Apr. 5, 1965	--	--	--	--	--	--	291	0	416	105	--	--	-	--	635	--	-	--	1,370	7.9	23
2/	GS			do	--	--	--	--	--	--	280	0	418	108	--	--	--	--	625	--	--	--	1,370	7.9	24
2/	GS			do	--	--	--	--	--	--	250	0	396	111	--	--	--	--	620	--	--	--	1,340	7.9	24
	GS			May 24, 1973	--	--	--	--	--	--	--	--	450	120	--	0.1	--	--	--	--	--	--	1,560	--	--
2/ 304	GS	350	Pc	May 14, 1965	--	--	--	--	--	--	310	0	378	81	0.9	--	--	--	615	--	--	--	1,310	7.3	--
2/ 307	GS	250	Pc	May 15, 1965	--	--	--	--	--	--	132	0	528	130	--	--	--	--	520	--	--	--	1,560	7.8	--
2/ 312	SWL	360	Pc	Apr. 24, 1965	--	--	--	--	--	--	--	--	732	136	--	--	--	--	--	--	--	--	1,861	--	--
2/	SWL	380		do	--	--	--	--	--	--	--	--	476	116	--	--	--	--	--	--	--	--	1,279	--	--
2/	GS	240		May 14, 1965	--	--	--	--	--	--	220	0	1,130	109	--	--	--	--	910	--	--	--	2,430	7.2	--
2/	GS	310		May 15, 1965	--	--	--	--	--	--	310	0	392	91	.9	--	--	--	655	--	--	--	1,340	7.8	--
2/ 313	SWL	230	Pbcd?	Apr. 28, 1965	--	--	--	--	--	--	--	--	546	114	--	--	--	--	--	--	--	--	1,396	--	--
2/	SWL	285		do	--	--	--	--	--	--	--	--	556	114	--	--	-	--	--	--	--	--	1,454	--	--
2/	SWL	400		do	--	--	--	--	--	--	--	--	388	100	--	--	--	--	--	--	--	--	1,192	--	--
2/	GS	230		May 14, 1965	--	--	--	--	--	--	308	0	380	89	--	--	--	--	825	--	0.00	--	1,320	7.8	--
2/	GS	375		do	--	--	--	--	--	--	258	0	388	92	--	--	--	--	815	--	.00	--	1,280	7.7	--
2/ 314	SWL	180	Pbcd, Pc?	Apr. 29, 1965	--	--	--	--	--	--	--	--	483	129	--	--	--	--	--	--	--	--	1,361	--	--
2/	SWL	240		Apr. 28, 1965	--	--	--	--	--	--	--	--	640	129	--	--	--	--	--	--	--	--	1,561	--	--
2/	SWL	380		do	--	--	--	--	--	--	--	--	486	129	--	--	--	--	--	--	--	--	1,890	--	--
2/	GS	225		May 15, 1965	--	--	--	--	--	--	302	0	452	105	--	--	--	--	645	--	--	--	1,480	7.4	--
2/ 315	SWL	280	Pc	Apr. 24, 1965	--	--	--	--	--	--	--	--	458	93	--	--	--	--	--	--	--	--	1,512	--	--
2/	GS	250		May 24, 1965	--	--	--	--	--	--	314	0	406	79	--	--	--	--	645	--	--	--	1,320	7.7	--
317	SWL	492-600	Pc	Oct. 28, 1965 10:15 a.m.	--	--	--	--	--	--	--	--	372	100	--	--	--	--	--	--	--	--	959	--	--
	SWL			Oct. 28, 1965 4:15 p.m.	--	--	--	--	--	--	--	--	366	93	--	--	--	--	--	--	--	--	1,221	--	--
	SWL			Oct. 28, 1965 10:05 p.m.	--	--	--	--	--	--	--	--	365	93	--	--	--	--	--	--	--	--	1,198	--	--
	SWL			Oct. 29, 1965 4:10 a.m.	--	--	--	--	--	--	--	--	360	100	-	--	--	--	--	--	--	--	1,188	--	--
	SWL			Oct. 29, 1965 7:15 a.m.	--	--	--	--	--	--	--	--	364	85	-	--	--	--	--	--	--	--	1,192	--	--
	SWL			Oct. 29, 1965 10:12 a.m.	11	< 0.05	114	56	60	--	269	0	364	93	.68	< .05	--	899	590	18	.00	1.2	1,186	7.8	--
	TDHR			Aug. 4, 1967	13	--	148	62	64	--	285	0	408	89	1.2	< .4	--	930	630	18	.00	1.1	1,340	7.6	--
	TDHR			Aug. 7, 1968	13	--	160	67	64	--	279	0	402	107	1.3	< .4	--	950	677	17	.00	1.1	1,410	7.4	--
320	SWL	580-1,170	Pbcd, Pc?	Nov. 3, 1971	--	--	179	64	91	--	281	0	430	163	--	10.5	--	1,068	712	22	.00	1.5	--	--	--
321	SWL	548-1,120	Pbcd, Pc?	Nov. 22, 1971	--	--	166	49	73	--	305	0	351	78	--	--	--	850	568	22	.00	1.7	--	--	--
601	WLO	200	QTal, Pbcd?	Aug. 12, 1959	--	--	250	78	280	15	210	0	859	360	--	--	--	--	--	39	.00	4.0	2,635	7.1	--
602	GS	200	QTal, Pbcd?	July 26, 1960	25	--	270	71	265	--	208	0	720	430	--	19	--	1,900	966	37	.00	3.7	2,760	7.2	21
FD-47-17-605	GS	--	QTal	Feb. 10, 1972	--	--	490	120	--	--	112	0	1,700	160	--	--	-	--	1,700	--	.00	--	3,170	7.1	17
BL-47-17-902	GS	--	--	do	--	--	140	88	--	--	294	0	500	240	--	--	--	--	720	--	.00	--	2,050	7.5	20
903	SWL	450	QTal, Pbcd?	May 10, 1965 10:20 a.m.	--	--	--	--	--	--	--	--	1,316	600	--	--	--	--	--	--	--	--	--	--	--
	SWL			May 10, 1965 2:20 p.m.	--	--	--	--	--	--	--	--	1,309	827	--	--	--	--	--	--	--	--	--	--	--
	SWL			May 10, 1965 6:30 p.m.	--	--	--	--	--	--	--	--	1,308	843	--	--	--	--	--	--	--	--	--	--	--
	SWL			May 10, 1965 10:30 p.m.	--	--	--	--	--	--	--	--	1,214	872	--	--	--	--	--	--	--	--	--	--	--
	SWL			May 11, 1965 5:30 a.m.	--	--	--	--	--	--	--	--	1,203	972	--	--	--	--	--	--	--	--	--	--	--
	SWL			May 11, 1965 7:00 a.m.	--	--	--	--	--	--	--	--	1,185	979	--	--	--	--	--	--	--	--	--	--	--
	GS			May 11, 1965	--	--	--	--	--	--	186	0	1,200	980	--	--	--	--	1,560	--	--	--	4,690	7.4	--
18-101	TDHR	500	Pbcd	Apr. 2, 1970	16	--	87	96	110	< 1	291	0	400	163	1.0	< .4	--	1,030	640	27	.00	1.9	1,490	7.7	--
	SWL			Mar. 22, 1971	--	--	--	--	--	--	--	--	403	167	--	--	-	--	--	--	--	--	--	--	--
201	SWL	750	Pbcd	Nov. 3, 1971	--	--	--	--	--	--	--	--	762	99	--	--	--	--	--	--	--	--	--	--	--

See footnotes at end of table.

Table 3.--Chemical analyses of water from selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	ANALYSIS BY	DEPTH OF PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DIS-SOLVED SILICA (SiO_2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA)[1] (MG/L)	DIS-SOLVED POTAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO_3) (MG/L)	CAR-BONATE (CO_3) (MG/L)	DIS-SOLVED SUL-FATE (SO_4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (NO_3) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS (MG/L)	HARD-NESS (CA, MG) (MG/L)	PER-CENT SODIUM	RESIDUAL SODIUM CAR-BONATE (RSC)	SODIUM AD-SORP-TION RATIO (SAR)	SPECIFIC CONDUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEM-PERA-TURE (°C)
BL-47-18-301	SWL	1,185	Pbcd	Nov. 3, 1971	--	--	--	--	--	--	--	--	1,013	113	--		--	--	--	--	--	--	--	--	--
401	SWL	--	--	Nov. 12, 1964	--	--	--	--	--	--	--	--	655	188	--	--	--		--	--	--	--	1,861	--	--
402	SWL	600-1,200	Pbcd	Nov. 24, 1971	--	--	146	63	179	--	287	--	399	170	--	--	--	0.065	624	30	0.00	2.1	--	--	--
705	GS	800	QTal, Pbcd?	May 30, 1973	--	--	360	100	--	--	170	0	1,100	490	--		--	--	1,300	--	.00	--	3,280	7.5	22
706	TDHR	400	QTal, Pbcd	Aug. 4, 1967	15	--	369	90	228	--	116	0	1,030	447	2.2	16.5	--	2,230	1,280	28	.00	2.8	2,865	7.2	--
901	EPNG	751	Pbcd?	Sept. 17, 1957	18	2.5	136	61	188	--	335	0	440	189	--	--	--	1,367	590	41	.00	3.37	--	6.1	--
	GS			May 18, 1972	--	--	93	65	--	--	156	0	430	80	--	--	-		500	-	.00	--	1,610	7.6	24
PD-47-75-BD1	GS	457	Pbavp?	Apr. 12, 1972	--	--	200	73	--	--	286	0	540	470	--	--	--	--	800	--	.00	--	2,720	7.5	21
BL-47-26-101	GS	--	QTal	Mar. 30, 1972	--	--	270	94	--	--	116	0	100	480	--	--	--	--	100	--	.00	--	3,410	7.0	18
102	GS	116	QTal	Feb. 28, 1973	--	--	300	120	--	--	194	0	990	570	--	--	--	--	1,200	--	.00	--	3,350	7.6	20
701	GS	104	QTal	Mar. 28, 1972	--	--	250	370	--	--	198	0	3,100	2,800	--	--	--	--	2,200	-	.00	--	12,200	7.4	19
903	GS	200	QTal	May 3, 1973	--	--	280	91	--	--	196	0	1,000	920	--	--	--		1,100	--	.00	--	4,650	7.4	23
34-102	GS	49	Qal	Mar. 28, 1972	--	--	220	77	--	--	292	0	600	450	--	--	-	--	870	--	.00	--	2,780	7.4	20
103	GS	92	QTal	May 29, 1972	--	--	210	74	--	--	294	0	560	480	--	--	-	--	830	--	.00	--	2,750	7.6	23
301	GS	--	QTal	May 2, 1972	--	--	540	230	--	--	132	0	3,100	710	--	--	-	-	2,900	--	.00	--	6,800	7.2	21
702	GS	--	QTal	May 3, 1972	--	--	130	73	--	--	306	0	440	520	--	--		--	820	--	.00	--	2,830	7.8	22
703	GS	13	Qal	Nov. 28, 1973	31	.11	520	9,000	43,000	250	364	0	51,000	57,000	1.1	.00	38	161,000	38,000	71	.00	94	138,000	6.9	--
901	GS	128	QTal	June 30, 1950	28	--	602	37	13	--	91	0	1,510	12	--	23	--	2,270	3,650	2	.00	.1	2,440	7.0	--
	GS			May 16, 1972	--	--	--	--	--	--	--	--	1,400	--	--	--	--	--	--	--	-	--	2,320	--	19
35-101	GS	--	QTal	May 2, 1972	--	--	360	110	--	--	188	0	1,400	640	--	--	--	--	1,300	--	.00	--	4,250	7.8	24
501	GS	--	Pbcd	Apr. 21, 1972	--	-	190	120	--	--	124	0	980	1,300	--	--	--	--	950	--	.00	--	5,200	6.7	20
701	GS	140	QTal	Apr. 2, 1972	--	--	620	100	--	--	124	0	2,000	720	--	--	--	--	2,000	--	.00	--	4,170	7.3	20
42-701	GS	--	QTal, Tf	Dec. 20, 1972	--	--	45	34	-	--	198	0	93	100	--	--	--	--	250	--	.00	--	802	7.7	--
43-101	GS	130	QTal	June 30, 1950	38	--	552	45	69	--	115	0	1,540	5.5	--	10	--	2,320	1,560	9	.00	.8	2,440	7.1	--
	GS			May 2, 1972	--	--	--	--	--	--	--	--	1,600	--	-	--	--	--	--	--	--	--	2,440	--	20
202	GS	550	QTal, Pbcd	Apr. 28, 1960	18	--	175	98	448	22	291	0	698	630	--	1.0	.48	2,230	840	53	.00	6.7	3,470	7.0	22
	TDHR			June 18, 1970	20	--	373	64	386	--	215	0	1,010	550	2.3	13	.40	2,520	1,190	47	.00	4.9	3,300	7.9	--
503	TDHR	578	Pbcd	do	20	--	244	103	450	--	272	0	790	680	2.9	2.0	.50	2,430	1,030	49	.00	6.1	3,360	7.9	--
601	TDHR	350	Pc?	Feb. 17, 1971	19	--	253	85	389	--	255	0	740	620	1.8	6	--	2,250	980	47	.00	5.5	3,010	7.4	23
701	GS	173	QTal	Apr. 28, 1960	16	--	218	202	493	--	134	0	1,250	720	--	25	--	2,990	1,370	44	.00	5.8	4,300	7.2	22
51-301	TDHR	150	QTal	Feb. 17, 1971	16	--	476	81	777	--	76	0	1,220	417	2.2	98	--	2,570	1,520	29	.00	2.5	3,000	7.4	--
501	GS	187	QTal	May 4, 1950	32	--	--	--	207	--	347	0	109	80	--	38	.56	636	52	90	4.65	12	1,040	7.9	--
502	TDHR	184-302	QTal	Feb. 11, 1971	25	--	18	7	292	--	318	0	373	44	4.4	< .4	--	920	73	90	3.77	15	1,340	8.1	--
601	TDHR	200	QTal	Feb. 17, 1971	29	--	45	21	378	--	217	0	650	114	4.5	8	--	1,360	198	81	.00	12	1,880	8.2	--
701	TDHR	302-950	QTal	July 18, 1968	27	--	30	11	271	--	249	0	263	153	1.6	25		900	122	83	1.85	11	1,350	7.5	--
	TDHR			Apr. 30, 1968	24	--	31	13	270	--	229	0	270	154	1.8	18	--	900	131	82	1.15	10	1,450	8.3	24
	TDHR			June 5, 1970	30	--	39	17	253	--	249	0	249	174	1.7	25	.5	910	168	77	.73	8.5	1,440	7.6	24
702	TDHR	1,045	QTal	Aug. 10, 1966	25	--	19	13	346	--	277	0	186	131	2.2	42	--	1,100	101	88	2.52	15	1,720	7.7	--
	TDHR			July 18, 1967	26	--	26	10	362	--	277	0	402	141	1.9	39	--	1,170	106	88	2.42	15	1,740	7.2	--
	TDHR			June 18, 1970	30	--	24	11	344	--	276	0	396	131	1.9	47	.9	1,120	107	88	2.39	14	1,660	8.0	--
	GS			Apr. 19, 1973	--	--	--	--	--	--	--	--	--	140	--	-	-	--	--	--	-	--	1,810	--	--

See footnotes at end of table.

Table 3.--Chemical analyses of water from selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	ANALYSIS BY	DEPTH OF PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DIS-SOLVED SILICA (SiO_2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO_3) (MG/L)	CAR-BONATE (CO_3) (MG/L)	DIS-SOLVED SUL-FATE (SO_4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (NO_3) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	RESIDUE ON EVAPORATION (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA, MG) (MG/L)	PER-CENT SODIUM	RESIDUAL SODIUM CAR-BONATE (RSC)	SODIUM AD-SORP-TION RATIO (SAR)	SPECIFIC CONDUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEM-PERA-TURE (°C)
41-47-51-704	TDHR	450?	QTal	Aug. 10, 1966	27	--	37	21	279	--	255	0	221	237	2.7	5.5	--	950	181	77	0.57	8.8	1,530	7.6	24
	TDHR			July 18, 1967	29	--	41	21	288	--	254	0	228	250	1.8	8	--	990	188	77	.41	9.1	1,600	7.6	--
	TDHR			Aug. 13, 1968	24	--	44	18	279	--	254	0	217	239	1.4	2.5	--	950	185	76	.47	8.9	1,600	7.5	26
	TDHR			May 29, 1970	30	--	43	27	267	--	254	0	220	262	1.7	3.0	0.5	980	205	74	.07	8.0	1,590	7.9	--
	GS			Apr. 19, 1973	--	--	--	--	--	--	--	--	--	290	--	--	--	--	--	--	--	--	1,790	--	--
705	GS	525	QTal	Aug. 9, 1954	30	--	22	17	214	--	269	0	152	130	1.8	5.5	--	711	104	82	--	9.1	1,160	7.8	24
	TDHR			Aug. 10, 1966	25	--	26	15	226	--	262	0	154	156	1.7	3.0	--	740	126	80	1.79	8.7	1,280	7.5	25
	TDHR			July 18, 1967	29	--	31	13	221	--	258	0	148	162	1.7	6.0	--	740	129	79	1.67	8.5	1,200	7.6	--
	TDHR			Apr. 30, 1968	24	--	38	18	226	--	240	0	210	169	1.3	2.0	--	810	169	74	.56	7.5	1,360	7.4	--
707	TDHR	476	QTal	Aug. 10, 1966	17	--	52	34	230	--	306	0	265	164	1.3	6.0	--	920	270	65	.00	6.1	1,480	7.5	--
708	TDHR	600	QTal	July 18, 1968	22	--	16	13	388	--	482	0	352	127	2.2	22	--	1,180	95	90	6.00	12	1,740	7.4	--
709	GS	240	QTal	Aug. 9, 1954	32	--	26	14	237	--	266	0	173	168	1.8	4.7	.36	793	122	77	--	9.3	1,310	--	24
710	TDHR	746-1,098	QTal, Kc?	Aug. 10, 1966	17	--	52	34	230	--	306	0	265	164	1.3	6	--	920	270	65	.00	6.1	1,480	7.5	--
	TDHR			July 18, 1967	17	--	53	33	212	--	300	0	261	160	1.2	9.0	--	890	270	63	.00	5.8	1,420	7.6	--
	TDHR			Aug. 13, 1968	18	--	52	34	219	--	299	0	279	153	1.1	5.5	-	910	269	64	.00	5.8	1,440	7.5	26
712	TDHR	--	QTal	July 18, 1967	29	--	27	9	242	--	235	0	190	167	1.9	4.0	--	790	104	84	1.79	11	1,250	7.2	--
	TDHR			May 29, 1970	31	--	29	15	242	-	261	0	179	194	1.7	4.5	.5	830	134	80	1.61	9.1	1,310	7.6	23
	GS			Apr. 19, 1973	--	--	--	--	--	--	--	--	--	180	--	--	--	--	--	--	--	--	1,370	--	20
714	GS	--	QTal	do	--	--	--	--	--	--	--	--	--	130	--	--	--	--	--	--	--	--	1,430	--	23
801	GS	400	QTal	Apr. 28, 1960	28	--	26	15	254	3.4	283	0	228	142	--	9.7	.64	866	126	81	--	9.8	1,370	7.5	22
	TDHR			June 4, 1970	30	--	41	20	268	--	292	0	239	200	1.4	8.5	-	950	180	76	1.12	8.6	1,500	7.5	23
802	GS	414	QTal	Aug. 9, 1954	32	--	24	14	209	--	323	0	136	108	1.8	7.2	.44	713	118	79	2.94	8.4	1,140	7.8	--
	TDHR			Aug. 10, 1966	27	--	73	45	306	--	255	0	310	345	1.7	1.5	--	1,230	368	64	.00	6.9	1,980	7.4	24
	TDHR			Aug. 13, 1966	24	--	64	35	286	--	285	0	265	289	1.6	5.0	--	1,110	304	67	.00	7.1	1,800	7.6	26
803	GS	384	QTal	Aug. 9, 1954	28	--	63	37	238	--	274	0	249	245	1.2	6.0	.30	1,000	309	61	.00	5.8	1,670	7.6	23
804	GS	450	QTal	do	32	--	56	35	290	--	272	0	231	232	1.4	5.0	.27	986	284	64	.00	5.8	1,600	7.7	24
	TDHR			Aug. 10, 1966	26	--	91	54	291	--	254	0	317	384	1.4	2.5	--	1,500	447	59	.00	6.0	2,350	7.6	25
	TDHR			July 18, 1967	31	--	94	51	301	--	254	0	316	402	1.4	4.0	--	1,330	445	60	.00	6.1	2,130	7.7	--
	TDHR			Aug. 13, 1968	26	--	78	44	297	--	255	0	330	391	1.3	.4	--	1,310	359	58	.00	6.0	2,150	7.4	26
	TDHR			June 5, 1970	31	--	96	55	294	--	256	0	334	401	1.4	1.5	.5	1,340	464	58	.00	5.9	2,090	7.3	24
805	TDHR	--	QTal	do	31	--	85	45	259	--	259	0	274	342	1.7	1.8	.5	1,170	400	58	.00	5.6	1,850	7.2	24
806	TDHR	437	QTal	Aug. 10, 1966	26	--	116	56	236	--	251	0	299	373	1.7	2.5	--	1,230	520	50	.00	4.6	2,040	7.4	--
	TDHR			July 18, 1967	29	--	102	58	237	--	257	0	265	356	1.4	4.0	--	1,180	495	51	.00	4.6	2,000	7.5	--
	TDHR			Aug. 13, 1968	24	--	115	62	240	--	256	0	253	369	1.2	2.5	--	1,290	542	49	.00	4.5	2,070	7.3	26
	GS			Apr. 19, 1973	--	--	--	--	--	--	--	--	--	380	--	--	--	--	--	--	--	--	2,230	--	--
902	TDHR	500	QTal	Aug. 10, 1966	29	--	42	10	385	--	198	0	434	231	2.2	20	--	1,250	148	85	.29	14	1,955	7.4	26
	TDHR			July 18, 1967	33	--	44	9	382	--	196	0	415	242	2.2	24	--	1,250	148	85	.26	14	1,960	7.5	--
	TDHR			Aug. 13, 1968	26	--	46	10	379	--	177	0	491	231	2.1	25	--	1,300	156	84	.00	13	1,990	7.6	26
904	TDHR	350	QTal	Feb. 11, 1971	30	--	42	15	303	--	255	0	269	248	2.0	6	--	1,060	169	79	.80	10	1,610	7.8	--
52-201	TDHR	733-773	Pc	Dec. 12, 1965	19	--	57	36	90	--	233	0	147	59	2.2	56	--	580	291	40	.00	2.3	940	7.8	--
301	TDHR	1,163-1,722	Pc	Aug. 11, 1970	18	--	181	94	478	--	281	0	690	670	2.0	1.0	-	2,270	840	55	.00	7.2	3,280	7.6	27
401	TDHR	250	QTal	Nov. 24, 1970	12	--	98	110	276	--	206	0	660	289	2.5	56	--	1,600	700	46	.00	4.5	2,230	7.7	--
602	TDHR	1,249-1,560	Pc	Aug. 11, 1970	18	--	176	88	478	--	272	0	690	650	2.3	1.5	--	2,240	800	56	.00	7.4	3,090	7.7	27
53-403	--	--	Pc	July 29, 1960	13	--	57	36	118	--	208	0	144	158	.7	--	--	627	290	47	--	3.0	1,080	7.1	27
	--	--		Aug. 13, 1970	18	--	49	35	103	--	190	0	97	158	.8	.4	--	550	269	45	.00	2.7	984	--	--
57-401	GS	257	QTal	Oct. 10, 1972	28	--	8.0	45	290	--	418	20	310	86	5.8	8.9	--	1,010	200	76	3.42	8.8	1,550	8.5	19
701	GS	--	QTal	Oct. 4, 1972	--	--	53	24	--	--	236	0	190	39	--	--	--	--	230	--	.00	--	875	8.1	20
904	GS	87	Pc	Dec. 13, 1972	--	--	14	76	--	--	272	12	550	180	--	--	--	--	350	-	.00	--	2,060	8.4	19
58-506	TDHR	481-798	QTal	May 15, 1973	35	--	90	7.8	120	--	258	0	79	21	2.7	4.9	--	416	82	76	2.59	5.8	658	7.8	--
602	GS	385-648	QTal	June 13, 1974	35	--	20	9.5	110	6.2	264	0	2	24	2.2	--	--	416	89	71	2.55	5.3	674	8.0	25

See footnotes at end of table.

Table 3.--Chemical analyses of water from selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	ANALYSIS BY	DEPTH OF PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DIS-SOLVED SILICA (SiO_2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA)[1/] (MG/L)	DIS-SOLVED POTAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO_3) (MG/L)	CAR-BONATE (CO_3) (MG/L)	DIS-SOLVED SUL-FATE (SO_4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (NO_3) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS (MG/L)	HARD-NESS (CA, MG) (MG/L)	PER-CENT SODIUM	RESIDUAL SODIUM CAR-BONATE (RSC)	SODIUM AD-SORP-TION RATIO (SAR)	SPECIFIC CONDUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEM-PERA-TURE (°C)
7/ HL-47-58-603	GS	1,205-1,237	--	July 7, 1974	21	--	32	16	210	11	288	0	200	120	1.9	7.1	--	761	150	74	1.81	7.6	1,220	7.8	26
7/	GS	1,083-), 115		July 13, 1974	17	--	24	8.5	250	12	334	0	230	110	1.8	1.6	--	819	95	83	3.58	11	1,270	7.8	25
7/	GS	552-584		July 16, 1974	17	--	31	27	100	5.8	228	0	140	50	1.1	10	--	497	190	53	.00	3.2	867	7.8	--
59-101	GS	423-625	QTal	Aug. 10, 1954	31	--	19	8.5	184	--	290	0	157	70	1.6	6.3	0.45	651	82	84	3.10	9.3	1,020	7.8	24
	TDHR			Aug. 10, 1966	18	--	22	9	194	--	255	0	120	116	1.9	1.5	--	610	94	82	2.30	8.7	1,005	7.3	--
	TDHR			July 18, 1967	29	--	28	2	187	--	242	0	115	113	2.0	6.0	--	600	80	84	2.36	9.1	980	7.8	--
	TDHR			Apr. 30, 1968	32	--	21	8	179	--	238	0	130	105	2.0	4.6	--	600	84	82	2.22	8.5	995	8.0	24
102	TDHR	240-518	QTal, K	Aug. 10, 1966	20	--	67	33	169	--	285	0	180	166	1.7	5	--	780	304	55	.00	4.2	1,253	7.6	25
	TDHR			July 18, 1967	20	--	84	36	168	--	279	0	209	197	1.4	7.0	--	860	360	50	.00	3.8	1,380	7.5	--
	TDHR			Aug. 13, 1968	20	--	52	29	160	--	278	0	171	136	1.5	5.5	--	710	252	58	.00	4.4	1,150	7.8	--
	TDHR			June 4, 1970	20	--	70	36	161	--	285	0	199	177	1.3	5	.4	810	324	52	.00	3.9	1,290	8.0	--
104	GS	460-660	QTal	Aug. 10, 1954	31	--	18	7	188	--	236	0	119	116	2.0	5.8	.38	619	74	85	2.38	9.5	985	7.9	24
	TDHR			Aug. 10, 1966	27	--	21	9	194	--	287	0	160	76	1.7	2.5	--	630	89	83	2.93	8.9	1,005	7.9	--
	TDHR			July 18, 1967	29	--	25	7	200	--	289	0	163	77	1.8	7.9	--	650	90	83	2.95	9.2	1,020	7.7	--
	TDHR			Apr. 30, 1969	30	--	22	9	194	--	288	0	185	66	1.5	5.5	--	660	92	82	2.88	8.8	1,015	8.0	24
	TDHR			June 4, 1970	30	--	22	9	193	--	293	0	162	75	1.4	6.0	.6	640	94	82	2.93	8.6	990	7.5	--
106	TDHR	415-615	QTal	July 18, 1967	29	--	28	6	214	--	245	0	129	149	1.8	5.0	-	680	96	83	2.11	9.5	1,135	7.5	--
	TDHR			June 5, 1970	29	--	24	11	211	--	248	0	147	153	1.7	1.8	.5	700	105	81	1.97	8.9	1,125	7.1	24
107	GS	600	QTal	Apr. 19, 1973	19	--	70	42	160	--	280	0	590	180	1.8	6.7		814	350	50	.00	3.8	1,380	7.4	--
108	TDHR	500	QTal	Aug. 10, 1966	28	--	32	13	189	--	246	0	137	142	1.6	3.5	--	670	134	75	1.36	7.1	1,082	7.3	--
	TDHR			July 18, 1967	29	--	39	9	197	--	246	0	139	147	1.8	3.5	--	690	132	76	1.39	7.4	1,102	7.2	--
	TDHR			Apr. 30, 1968	24	--	34	12	186	--	248	0	134	143	1.5	2.8	--	660	135	75	1.36	7.0	1,108	7.5	--
109	TDHR	240-536	QTal	Aug. 10, 1966	22	--	34	15	178	--	282	0	116	125	2.2	1.5	--	630	146	73	1.70	6.4	1,070	7.3	--
110	GS	1,200	QTal	June 30, 1950	20	--	66	42	148	--	276	0	191	166	--	.5	--	788	337	49	.00	3.5	1,310	7.5	--
112	TDHR	600	QTal	June 4, 1970	32	--	34	10	219	--	233	0	169	177	1.5	5.0	.5	760	126	79	1.31	8.5	1,190	7.7	--
113	TDHR	400-475	QTal	Aug. 10, 1966	27	--	16	6	202	--	255	0	131	104	2.2	3.5	--	620	64	87	2.90	11	995	7.2	25
	TDHR			July 18, 1967	29	--	16	5	201	--	246	0	138	107	2.0	7.0	--	630	60	88	2.84	11	998	7.7	--
	TDHR			Apr. 30, 1968	30	--	15	8	198	--	243	0	145	94	2.0	5.0	--	620	69	86	2.60	10	1,005	8.0	24
201	GS	552	QTal, K?	Aug. 9, 1954	22	--	88	54	253	--	264	0	324	315	1.0	4.3	.24	1,190	442	55	.00	5.2	1,990	7.6	26
	GS			May 12, 1960	20	--	98	61	285	12	262	0	390	382	--	2.8	.31	1,360	496	55	.00	5.6	2,160	7.0	26
	TDHR			Apr. 30, 1968	18	--	104	54	287	--	259	0	393	355	1.1	2.0	--	1,340	483	56	.00	5.7	2,060	7.8	26
202	GS	500	QTal, K?	May 4, 1950	20	0.04	83	53	253	--	274	0	311	308	--	4.5	.34	1,370	433	56	.00	5.3	1,970	7.3	--
203	GS	550	QTal, K?	Aug. 9, 1954	19	--	111	66	296	--	268	0	405	388	1.4	4.8	.32	1,430	548	54	.00	5.5	2,350	7.5	26
	TDHR			Aug. 10, 1966	17	--	121	63	309	--	284	0	398	410	1.7	1.5	--	1,460	570	54	.00	5.6	2,500	7.3	--
	TDHR			July 18, 1967	18	--	128	63	309	--	287	0	448	415	1.5	4.0	--	1,530	580	54	.00	5.6	2,350	7.3	--
	TDHR			Aug. 13, 1968	18	--	123	69	290	--	284	0	424	402	1.6	2.0	--	1,470	590	52	.00	5.2	2,350	7.	--
204	GS	-	QTal, K?	Sept. 1951	24	--	56	45	223	--	229	0	258	242	--	3.0	.26	1,070	322	60	.00	5.4	1,700	8.2	25
	TDHR			June 6, 1970	23	--	140	73	327	--	275	0	469	468	1.2	< .4	.40	1,640	660	52	.00	5.5	2,490	7.2	--
204 & 211	GS			Apr. 19, 1973	20	--	140	74	380	--	285	0	520	500	1.1	3.1	--	1,780	650	56	.00	6.6	2,780	7.7	--
207	TDHR	550	QTal, K?	Aug. 10, 1966	17	--	110	59	272	--	290	0	327	354	1.5	< .4	--	1,280	520	53	.00	5.2	2,060	7.4	--
	TDHR			Aug. 13, 1968	17	--	112	59	265	--	272	0	363	355	1.3	2.5	--	1,310	520	52	.00	5.1	2,100	7.8	--
208	TDHR	406	QTal, K?	July 18, 1887	30	--	60	27	235	--	248	0	178	263	1.3	5.0	--	920	261	66	.00	6.3	1,590	7.6	--
	TDHR			Apr. 30, 1968	26	--	62	24	252	--	249	0	242	269	1.1	2.0	--	1,000	278	66	.00	6.8	1,620	7.9	24
209	GS	412-612	K	Mar. 23, 1972	18	--	74	50	250	--	224	0	310	300	1.1	5.1	--	1,110	390	58	.00	5.5	1,850	8.0	--
210	TDHR	--	QTal, K?	July 18, 1967	24	--	105	50	267	--	266	0	345	342	1.3	5.5	--	1,270	468	55	.00	5.4	1,980	7.4	--
212	TDHR	387	QTal, K?	do	18	--	144	78	360	--	281	0	469	520	1.7	3.5	--	1,730	670	54	.00	6.0	2,750	7.4	--
301	GS	410	QTal, K?	Aug. 10, 1954	37	--	76	41	381	--	255	0	454	358	2.0	11	.73	1,480	358	70	.00	8.8	2,180	7.7	--
302	GS	500	QTal, K?	do	18	--	140	90	419	19	293	0	592	570	1.4	2.5	.39	2,000	720	57	.00	6.8	3,160	7.4	26
	TDHR			Aug. 10, 1966	16	--	150	84	402	--	284	0	570	580	2.0	< .4	--	1,920	720	55	.00	6.5	2,890	7.6	27
	TDHR			July 18, 1967	15	--	154	79	411	--	288	0	590	580	1.8	3.5	--	1,980	710	56	.00	6.7	2,940	7.4	--
	TDHR			Apr. 30, 1968	13	--	148	84	420	--	288	0	650	540	1.5	< .4	--	2,000	716	56	.00	6.8	2,940	7.8	24
303	GS	500	QTal, K?	Aug. 10, 1954	18	--	116	71	335	--	289	0	464	430	1.4	4.5	.35	1,550	582	55	.00	5.9	2,520	8.0	--
	TDHR			Aug. 10, 1966	16	--	149	77	368	--	283	0	530	510	1.7	< .4	--	1,790	690	54	.00	6.1	2,700	7.4	--
	TDHR			Apr. 30, 1968	13	--	128	83	376	--	255	0	560	500	1.5	< .4	--	1,790	660	55	.00	6.4	2,690	8.0	25

See footnotes at end of table.

Table 3.--Chemical analyses of water from selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	ANALYSIS BY	DEPTH OF PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DIS-SOLVED SILICA (SiO_2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA)[3] (MG/L)	DIS-SOLVED POTAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO_3) (MG/L)	CAR-BONATE (CO_3) (MG/L)	DIS-SOLVED SUL-FATE (SO_4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (NO_3) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS SOLVED SOLIDS (SUM OF CONSTI-TUENTS (MG/L)	HARD-NESS (CA, MG) (MG/L)	PER-CENT SODIUM	RESIDUAL SODIUM CAR-BONATE (RSC)	SODIUM AD-SORP-TION RATIO (SAR)	SPECIFIC CONDUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEM-PERA-TURE (°C)
ML-47-59-305	TDHR	630	QTal, K	Aug. 10, 1966	18	--	153	87	423		299	0	580	570	1.8	< 0.4	--	1,990	740	55	9.00	6.8	2,990	7.4	--
	TDHR			July 18, 1967	33	--	152	83	416	--	284	0	550	570	1.9	3.5	--	1,950	720	56	.00	6.7	3,000	7.5	--
	GS			Apr. 19, 1973	--	--	--	--	--	--	--	--	--	570	--	--	--	--	--	--	--	--	--	--	--
306	TDHR	500	QTal, K?	Aug. 30, 1966	17	--	153	91	403	--	289	0	600	560	1.8	< .4	--	1,970	760	54	.00	6.4	2,950	7.4	--
	TDHR			July 18, 1967	15	--	162	81	416	--	289	0	590	570	1.7	.4	--	1,980	740	55	.00	6.7	2,980	7.6	--
	TDHR			Apr. 30, 1968	16	--	154	90	410	--	288	0	630	560	1.8	< .4	--	2,000	750	54	.00	6.5	2,990	7.7	24
308	GS	500	QTal, K?	Aug. 30, 1954	18	--	136	89	417	19	286	0	587	570	1.4	2.8	.37	1,980	706	55	.00	6.8	3,120	7.8	--
309	GS	514	QTal, K?	Aug. 9, 1954	20	--	130	88	400	18	288	0	563	540	1.4	2.8	.41	1,910	686	55	.00	6.6	3,000	7.5	--
	SWL			Aug. 3, 1972	--	--	--	--	--	--	--	--	619	565	--	--	--	2,016	--	--					
312	SWL	290	--	do	--	--	--	--	--	--	--	--	528	625	--	--	--	2,327	--	--	--	--	--	--	--
601	TDHR	--	QTal	Feb. 18, 1971	35	--	34	10	145	--	220	0	202	17	1.1	29	--	580	125	72	1.11	5.6	836	7.8	20
901	TDHR	700	P	Mar. 12, 1971	16	--	.51	28	237	--	228	0	157	130	1.7	8.5	--	640	241	55	.00	3.8	1,010	7.5	26
60-104	SWL	364	--	Aug. 3, 1972	--	--	101	60	420		206	0	517	500	--	--	--	1,776	498	65	.00	8.2	--	--	--
401	TDHR	360	QTal	Feb. 23, 1971	30	--	11	3	109	--	238	0	44	3	2.2	19	--	391	40	85	3.10	7.0	484	8.0	--
404	TDHR	350-592	QTal	Feb. 19, 1971	32	--	22	4	98	--	149	0	108	22	1.0	18	--	378	72	75	1.01	5.0	557	7.7	26
601	TDHR	585-600	P	Feb. 25, 1971	18	--	97	46	215	--	253	0	276	288	1.9	7.6	--	1,070	431	52	.00	4.5	1,680	7.8	20
609	GS	600	P	July 29, 1960	14	--	156	78	508	--	282	0	612	670	--	1.0	--	2,180	710	61	.00	8.3	3,430	7.1	24
	TDHR			Feb. 25, 1971	18	--	169	82	478	--	285	0	620	670	2.1	< .4	--	2,180	760	58	.00	7.6	3,100	7.7	--
701	GS	550-605	QTal	Oct. 12, 1973	31	--	25	6.8	81	--	144	0	59	55	.7	9.5	.27	339	90	86	.55	3.7	544	8.0	--
61-401	TDHR	577	P	Mar. 17, 1971	16	--	161	79	447	--	275	0	600	630	2.3	4.5	--	2,080	730	57	.0	7.2	3,000	7.5	23
403	TDHR	740	P	Feb. 25, 1971	7	--	92	43	216	--	221	0	316	272	2.5	< .4	--	1,060	406	54	.0	4.7	1,650	7.6	18
FD-48-08-405	GS	12.5	Qal	Dec. 30, 1975	42		1,000	8,000	39,000	2,000	198	0	18,000	71,000	4.2	.87	--	139,000	35,000	69	.00	90	141,000	6.8	--
23-901	GS	--	--	Mar. 29, 1972	--	--	230	85	--	--	272	0	760	280	--	--	--	--	930	--	.00	--	2,470	7.7	20
24-201	GS	38	Qal	Mar. 28, 1972	--	--	220	100	--	--	276	0	790	660	--	--	--	--	990	--	.00	--	3,610	7.6	18
202	GS	--	--	do	--	--	290	100	--	--	268	0	830	660	--	--	--	--	1,100	--	.00	--	3,620	7.6	20
203	SPYL	535	Pbsvp	1961?	24	1.0	--	--	--	--	143	0	466	380	--	--	--	1,393	--	--	--	--	--	7.6	--
902	GS	340	Pbsvp	Mar. 29, 1972	--	--	200	70	--	--	270	0	530	380	--	--	--	--	790	--	.00	--	2,570	7.5	22
45-602	SWL	930-1,060	K	July 13, 1972	--	0.3	80	50	444	--	443	0	402	418	1.7	1.2	--	1,634	406	70		--	2,536	7.2	25
	SWL			May 28, 1971	--	--	--	--	--	--	--	--	409	525	--	--	--	1,780	--	--	--	--	--	--	--
	TDHR			Feb. 10, 1975	--	12.8	109	47	520	36	434	0	434	590	3.8	3.2	--	2,180	464	69	.00	10	3,770	7.6	--
603	TDHR	917-1,096	K	Feb. 5, 1975	--	13.8	50	23	416	25	176	0	304	500	3.2	.5	--	1,500	219	78	.00	12	2,730	7.9	--
901	SWL	1,126	K	Mar. 29, 1972	--	--	--	--	--	--	--	--	256	78	--	--	--	808	--	--	--	--	--	--	--
46-401	SWL	1,093	K	do	--	--	--	--	--	--	--	--	461	915	--	--	--	2,506	--	--	--	--	--	--	--
701	SWL	1,137	K?	Mar. 29, 1972	--	--	--	--	--	--	--	--	367	631	--	--	--	1,868	--	--	--	--	--	--	--
53-301	SWL	1,341	K	Mar. 15, 1972	--	--	--	--	--	--	--	--	758	177	--	--	--	1,780	--	--	--	--	--	--	--
403	SWL	166-200	Tt or Qal	Apr. 17, 1972	--	--	--	--	--	--	--	--	48	32	--	--	--	536	--	--	--	--	--	--	--
501	SWL	481-1,110	K?	Mar. 15, 1972	--	--	--	--	--	--	--	--	1,058	135	--	--	--	2,336	--	--	--	--	--	--	--
801	TDHR	181	K	Sept. 27, 1968	--	< .01	96	19	55	--	324	0	94	48	1.3	5.0	--	640	316	27	.00	1.3	924	7.8	--
802	TDHR	184	K	Nov. 17, 1970	--	< .02	109	11	40	--	320	0	107	18	1.3	5.0	--	610	315	22	.00	1.0	820	7.5	--
	GS	286		July 20, 1973	--	--	100	12	--	--	316	0	100	19	--	--	--	--	310	--	.00	--	742	7.6	20
803	TDHR	357	K	Feb. 3, 1972	--	.30	115	17	81	--	332	0	364	62	1.6	4.0	--	780	358	33	.00	1.9	1,113	7.5	--
804	GS	970	K	Aug. 23, 1973	19	.00	76	25	100	--	316	0	190	39	1.8	3.1	--	616	290	44	.00	2.7	949	7.6	26
54-201	SWL	947	K	Mar. 30, 1972	--	--	--	--	--	--	--	--	323	496	--	--	--	1,608	--	--	--	--	--	--	--

See footnotes at end of table.

Table 3.--Chemical analyses of water from selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	ANALYSIS BY	DEPTH OF PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DIS-SOLVED SILICA (SiO_2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA)[2] (MG/L)	DIS-SOLVED POTAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO_3) (MG/L)	CAR-BONATE (CO_3) (MG/L)	DIS-SOLVED SUL-FATE (SO_4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (NO_3) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA, MG) (MG/L)	PER-CENT SODIUM	RESIDUAL SODIUM CAR-BONATE (RSC)	SODIUM AD-SORP-TION RATIO (SAR)	SPECIFIC CONDUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEM-PERA-TURE (°C)
FD-48-54-401	TDHR	1,102	K	Sept. 27, 1968	--	0.04	97	36	540	--	356	0	962	650	4.5	< 0.4	--	2,050	390	75	0.00	12	3,801	7.5	--
402	GS	500-950	K	July 23, 1943	--	--	27	9.8	703	--	346	0	184	202	--	8.4	--	905	108	86	3.52	13	1,610	--	38
404	GS	900-1,000	K	Sept. 14, 1948	25	.3	60	17	489	26	342	0	363	450	5.2	13	0.98	1,620	220	81	1.21	14	2,660	7.7	--
	SWL			Mar. 27, 1972	--	--	--	--	--	--	--	--	121	191	--	--	--	638	--	--	--	--	--	--	--
405	GS	600-957	K	July 23, 1943	20	1.1	68	19	496	22	340	0	373	468	5.3	16	--	1,664	248	80	.75	14	--	7.8	31
501	SWL	1,117-1,177	K	Apr. 10, 1972	--	--	--	--	--	--	--	--	367	681	--	--	--	1,676	--	--	--	--	--	--	--
502	SWL	950	K	Mar. 31, 1972	--	--	--	--	--	--	--	--	459	606	--	--	--	1,984	--	--	--	--	--	--	--
503	GS	880-1,120	K	Aug. 23, 1972	27	--	86	26	640	--	372	0	390	650	4.9	4.2	--	1,980	320	80	.00	15	3,330	7.8	28
801	GS	920-945	K	Sept. 15, 1972	19	--	81	30	600	--	426	0	400	610	4.8	1.1	--	1,960	330	80	.47	15	3,260	8.0	22
901	GS	1,150	K	July 23, 1943	--	--	128	65	1,103	--	380	0	1,498	775	--	26	--	3,780	587	80	.00	20	5,600	--	--
55-902	GS	12-180	Pe	Aug. 31, 1972	30	--	61	19	28	--	296	0	31	4.7	.6	10.0	--	330	230	21	.25	.8	531	7.9	20
56-802	GS	20-186	Pe	Sept. 1, 1972	--	--	74	59	--	--	464	0	210	110	--	--	--	--	430	--	--	--	1,430	7.7	22
803	GS	130	Pe	do	--	--	57	31	--	--	300	0	90	43	--	--	--	--	270	--	--	--	789	7.8	19
61-201	GS	200-690	K	Apr. 12, 1951	21	--	56	35	130	--	328	0	233	39	--	.2	--	674	284	50	.00	3.4	1,010	8.2	--
	GS			Feb. 18, 1970	31	--	53	33	106	--	298	0	212	30	2.1	< .4	--	590	271	46	.00	2.8	905	7.8	22
302	GS	440-750	QTsl	Aug. 17, 1972	14	--	41	27	120	--	268	0	210	32	1.8	.4	--	580	210	56	.19	3.7	907	8.2	--
	GS			Feb. 7, 1974	--	--	50	29	--	--	298	0	170	37	--	--	--	--	240	--	--	--	937	8.2	--
501	GS	420	KY	Dec. 3, 1973	--	--	50	35	--	--	264	16	180	56	--	--	--	--	280	--	--	--	1,000	8.6	20
62-701	GS																								
	TDHR	525	QTsl	Apr. 12, 1951	25	--	46	26	137	--	314	0	196	42	--	.2	--	626	222	57	.71	20	967	8.3	--
				Feb. 28, 1970	5	--	26	23	119	--	230	0	171	33	2.3	1.5	--	495	161	62	.57	4.1	789	7.5	18
801	GS	598	QTsl	Aug. 17, 1972	20	--	24	8.5	72	--	192	0	192	21	1.3	23.0	--	305	95	62	1.25	3.2	497	7.8	--
802	GS	450-540	QTsl	May 22, 1964	22	--	35	20	132	--	276	0	147	48	2.1	7.3	--	549	170	63	1.12	4.4	852	7.7	21
62-302	GS	485-602	Pe	Aug. 31, 1964	27	--	41	44	154	--	410	0	185	58	1.1	6.5	--	719	284	54	1.05	4.0	1,130	7.6	26
303	GS	212	Pe	Aug. 31, 1972	--	--	62	50	--	--	322	6	290	83	--	--	--	--	360	--	0	--	1,290	8.4	23
803	GS	713	K	July 10, 1972	--	--	550	180	--	--	380	0	2,000	5.5	--	--	--	--	2,100	--	0	--	3,260	7.7	21
902	GS	738	QTsl?	June 8, 1973	37	--	30	23	94	--	334	0	55	20	2.8	8.0	--	404	170	55	2.08	3.1	678	8.2	21
64-601	GS	177	--	July 24, 1943	--	--	91	66	106	--	302	0	328	93	--	11	--	868	498	32	.00	2.1	1,330	--	--
603	GS	220	QTsl?	Aug. 24, 1972	--	--	52	40	--	--	328	0	200	45	--	--	--	--	290	--	.00	--	1,030	7.8	21
901	GS	738-1,011	QTsl	July 23, 1943	--	--	10	8.2	151	--	238	0	135	32	--	8.9	--	460	3	85	2.73	8.6	--	--	--
50-06-203	GS	667	KJ	Aug. 10, 1972	16	--	62	38	240	--	322	0	410	85	2.6	18	--	1,020	310	62	.00	5.9	1,560	7.9	22
301	TAXS	360-390	QTsl	June 27, 1960	--	--	46	21	94	--	259	0	132	39	--	--	--	391	205	50	.21	2.9	--	--	--
801	GS	190	KJ	Aug. 10, 1972	--	--	110	92	--	--	430	0	620	20	--	--	--	--	660	--	.00	--	1,750	7.8	22
07-201	GS	66-284	KY	Aug. 7, 1972	--	--	57	18	--	--	298	0	48	16	--	--	--	--	220	--	.56	--	596	8.0	23
401	GS	510	QTsl	Oct. 30, 1964	36	.05	47	6.7	49	--	210	0	51	14	.7	4.5	--	312	145	42	.54	1.8	480	7.1	28
	GS			June 6, 1973	--	-	46	8.6	--	--	228	0	52	17	--	--	--	--	140	--	.90	-	499	7.8	29
501	GS	1,000	QTsl	Nov. 28, 1973	24	.74	14	2.6	82	2.4	158	0	45	28	1.6	6.6	.1	284	46	79	1.68	5.3	447	8.1	--
	GS	1,100		Nov. 29, 1973	23	--	10	2.2	110	--	208	0	40	33	2.4	6.6	--	326	34	87	2.70	8.1	508	8.3	30
	GS	858-878		Dec. 13, 1973	4.1	--	16	4.4	290	--	344	12	290	54	2.7	2.5	--	838	58	92	4.88	16.0	1,320	8.4	--
801	GS	510	QTsl	Oct. 30, 1964	36	.61	23	1.6	55	--	122	0	48	19	1.0	6.4	--	250	64	65	.72	1.0	380	7.4	29
08-101	GS	40-237	K	Sept. 14, 1970	38	--	99	8.0	65	--	324	0	90	37	1.6	7.3	--	605	280	34	.00	1.7	792	7.8	20
102	GS	--	K	July 24, 1943	--	--	72	12	27	--	273	0	46	11	--	.8	--	360	229	20	.00	.8	550	--	28

See footnotes at end of table.

Table 3.--Chemical analyses of water from selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	ANALYSIS BY	DEPTH OF PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DIS-SOLVED SILICA (SiO_2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA)[1] (MG/L)	DIS-SOLVED POTAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO_3) (MG/L)	CAR-BONATE (CO_3) (MG/L)	DIS-SOLVED SUL-FATE (SO_4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (NO_3) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS (MG/L)	HARD-NESS (CA, MG) (MG/L)	PER-CENT SODIUM	RESIDUAL SODIUM CAR-BONATE (RSC)	SODIUM AD-SORP-TION RATIO (SAR)	SPECIFIC CONDUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEM-PERA-TURE (°C)
PD-50-14-501	GS	--	?	Dec. 4, 1961	42	0.03	135	28	2,370	--	892	0	1,150	2,600	--	--	--	6,760	452	92	5.58	49	10,400	6.5	42
502	GS	-	?	June 1953	21	--	43	17	865	--	645	0	505	738	2.6	1.2	--	2,530	178	92	7.03	29	4,180	7.1	--
				Dec. 4, 1961	15	.02	63	19	839	--	668	0	504	700	--	--	--	2,690	235	89	6.25	24	3,990	7.2	14
503	GS	--	?	June 1953	36	--	153	33	2,550	--	907	0	1,170	2,900	2.6	--	--	7,290	518	90	4.52	49	11,100	7.1	--
	GS			Jan. 23, 1973	42	--	58	31	2,600	--	628	0	1,200	2,900	2.3	3.1	--	7,070	270	93	4.85	68	11,300	7.6	30
504	GS	--	?	June 1953	--	.01	--	--	2,500	--	1,000	0	1,170	2,900	--	--	--	--	690	--	--	---	11,200	7.1	--
505	GS	--	?	do	--	--	--	--	2,620	--	956	0	1,200	3,000	--				560				11,400	7.1	--
508	PL	0-152	QTal	Jan. 1969	--	--	180	24	2,370	--	915	0	1,075	2,700	--	--	--	--	--	53	4.85	64	--	6.4	--
509	PL	D-80	Qal	do	--	--	380	182	2,870	--	122	0	1,425	4,520	--	--	--	--	--	79	.00	30	--	7.9	--
15-101	GS	116	QTal	June 15, 1964	43	.04	15	19	11	--	139	0	18	3.2	.7	--	--	178	116	17	.00	.4	275	7.4	--
201	GS	460	QTal	Oct. 30, 1964	24	--	10	1.9	101	--	166	0	52	33	1.0	9.4	--	316	33	87	2.06	7.6	511	7.4	26
801	GS	47	Qal	Nov. 10, 1964	47	.02	44	29	361	--	394	0	420	171	2.7	6.9	--	1,280	230	77	6.87	10	1,930	7.8	--
902	GS	40	Qal	Sept. 1, 1964	27	--	608	117	1,590	--	320	0	2,000	2,210	--	--	1.6	6,710	2,000	63	.00	35	9,420	6.7	21
905	GS	35-65	Qal	Apr. 15, 1974	43	--	220	97	1,300	25	156	0	1,200	1,700	.5	4.9	--	4,670	950	74	.00	18	7,370	7.9	20
16-703	GS	224	QTal	Nov. 10, 1964	15	.27	6.0	.7	84	--	174	0	38	8.6	1.6	3.0	-	243	18	91	2.50	8.6	396	8.0	--
	GS			Jan. 23, 1973	--	--	7.8	.8	--	--	182	0	39	11		--	--	--	23	--	2.53	--	400	8.3	26
24-202	GS	66	Qal	do	41	--	94	35	940	--	288	0	800	960	1.5	.04		3,020	380	84	.00	21	4,660	7.9	22
301	GS	255-330	QTal	Nov. 16, 1973	--	--	17	4.1	--	--	204	0	46	16	--	--	--		59	-	2.16	-	464	8.0	22
503	GS	65	Qal	Nov. 10, 1964	28	.01	152	48	389	--	239	0	388	580	.7	2.5	--	1,710	576	59	.00	7.0	2,750	7.5	--
[2] 505	GS	50±	Qal	Nov. 16, 1973	1.7	--	400	410	5,000	120	44	0	2,900	7,300	.1	8.4	--	16,200	2,700	79	.00	42	27,900	6.6	17
51-01-301	GS	80	Qal	Nov. 29, 1972	--	--	160	72	23	11	106	0	36	78	--	625	--	1,060	700	7	.00	.4	1,640	7.1	17
501	GS	350-500	QTal	July 31, 1943	--	--	--	--	--	--	293	0	45	9	--	---	--	--	--	--		--	593	--	23
	GS			Mar. 27, 1961	16	--	6.5	1.6	339	--	179	67	46	14	--	0	--	378	22	93	4.7	13	648	9.2	21
503	GS	530	QTal	Oct. 12, 1972	18	--	9.5	2.9	94	--	230	0	35	6.2	2.2	1.8	--	283	36	85	3.06	6.8	456	7.9	26
[3] 504	GS	1,653-1,685	QTal	Oct. 7, 1974	12	--	24	5.2	290	8.8	440	0	170	110	4.1	.19	--	841	81	87	5.6	14	1,050	8.1	--
[3]	GS	1,308-1,340		Oct. 8, 1974	5.4	--	28	4.2	180	.2	332	0	140	46	4.1	.02	--	572	87	82	.0	8.4	982	8.3	--
[3]	GS	1,024-1,056		Oct. 10, 1974	8.9	--	14	2.1	120	3.7	252	0	70	14	3.0	.02	--	360	44	84	3.2	7.9	597	8.2	26
[3]	GS	845-877		Oct. 11, 1974	8	--	20	2.7	120	.4	236	0	110	13	2.1	.06	--	393	61	81	.0	6.7	661	8.2	--
RL-51-01-601	GS	503	QTal	Nov. 12, 1964	31	.5	42	20	22	--	247	0	9.4	5.6	.6	17	--	269	187	21	.31	.7	424	7.7	22
PD-51-01-801	GS	--	QTal	Aug. 31, 1964	18	.20	7.8	2.1	83	--	174	0	37	15	1.7	3.2	--	254	28	87	2.29	6.8	406	7.6	27
RL-51-02-201	GS	411	QTal	July 30, 1943	--	--	--	--	--	--	257	0	119	27	--	--	--	--	--	--	--	--	743	--	--
203	GS	370	QTal, P	July 28, 1943	--	--	--	--	--	--	228	0	49	18	--	--	--	--	--	--	--	--	539	--	--
	GS			Apr. 10, 1973	--	--	--	--	--	--	--	--	--	25	--	-	--	--	--	--	--	--	582	--	20
509	GS	350	QTal	July 29, 1943	--	--	--	--	--	--	253	0	56	19	--	-	-	--	--	--	--	--	583	--	25
601	GS	393	QTal, P	July 28, 1943	--	--	--	--	--	--	243	0	68	29	--	--	--	--	--	--	--	--	625	--	25
901	GS	380	QTal	May 5, 1950	65	--	--	--	88	--	211	0	48	16	--	5.8	.45	383	57	77	2.32	5.1	506	7.9	--
	TDHR			July 19, 1967	56	--	21	4	89	--	201	0	58	27	2.0	5.0	--	361	67	74	1.96	4.7	530	7.2	--
903	TDHR	491	QTal	do	60	--	27	3	88	--	249	0	41	16	1.8	3.0	--	362	82	70	2.45	4.2	521	7.3	--
	TDHR			Apr. 29, 1968	51	--	15	4	88	--	215	0	48	11	2.0	< .4	--	325	53	78	2.46	5.3	481	7.4	26
	GS			Apr. 10, 1973	--	--	--	--	--	--	--	--	--	19	--	--	--	--	--	--	--	--	507	---	--
905	GS	406	QTal	May 17, 1973	--	--	--	--	--	--	--	--	--	22	--	--	--	--	--	--	--	--	538	--	--
907	TDHR	407	QTal	June 14, 1967	38	--	18	3	87	--	212	0	49	17	1.9	4.0	--	322	57	77	2.35	5.0	481	7.3	--
	TDHR			Apr. 29, 1968	49	--	16	4	88	--	211	0	48	12	1.7	4.0	--	325	56	77	2.34	5.0	486	8.3	--
	GS			May 17, 1973	--	--	--	--	--	--	--	--	--	18	-	--	--	--	--	--	--	--	512	--	--

See footnotes at end of table.

Table 3.--Chemical analyses of water from selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	ANALYSIS BY	DEPTH OF PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DISSOLVED SILICA (SiO_2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA)[1] (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO_3) (MG/L)	CARBONATE (CO_3) (MG/L)	DISSOLVED SULFATE (SO_4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRITE PLUS NITRATE (NO_3) (MG/L)	DISSOLVED BORON (B) (UG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARDNESS (CA, MG) (MG/L)	PERCENT SODIUM	RESIDUAL SODIUM CARBONATE (RSC)	SODIUM ADSORPTION RATIO (SAR)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (°C)
RL-51-02-910	GS	385	QTal	May 5, 1950	66	--	14	4.4	90	--	208	0	49	16	--	4.8	0.23	359	53	79	2.35	3.4	502	8.3	--
911	GS	320-490	QTal	Aug. 15, 1973	--	--	--	--	--	--	--	--	--	16	--	--	--	--	--	--	--	--	516	--	27
926	TDHR	180-400	QTal	Aug. 11, 1966	62	--	16	5	86	--	214	0	48	17	2.0	3.0	--	364	61	76	2.29	4.8	485	7.5	24
	TDHR			July 19, 1967	65	--	19	3	86	--	212	0	44	17	1.9	5.0	--	345	60	76	2.28	4.8	490	7.5	--
	TDHR			Apr. 29, 1968	64	--	16	4	86	--	192	6	49	13	2.1	5.0	--	339	58	78	2.18	4.9	490	8.5	26
927	TDHR	--	QTal	July 19, 1967	38	--	38	4	87	--	214	0	50	18	2.0	7.0	--	329	83	75	2.34	4.8	494	7.5	--
928	GS	463	QTal	May 5, 1950	64	--	--	--	89	--	211	0	50	17	--	6.3	0.24	366	59	77	2.28	5.0	517	7.9	--
929	TDHR	421	QTal	June 14, 1967	52	--	18	2	95	--	210	0	53	20	1.7	4.0	--	349	52	80	2.41	5.7	496	7.9	--
	TDHR			Apr. 29, 1968	57	--	17	3	87	--	184	6	58	15	1.4	5.0	--	335	46	81	2.30	5.6	444	8.5	--
03-201	GS	967	Y	Aug. 24, 1943	--	--	47	30	152	--	196	16	176	138	--	10	--	--	241	58	.00	4.3	--	--	26
401	GS	60	Qal or Tv	July 28, 1943	--	--	--	--	--	--	342	0	123	50	--	--	--	--	--	--	--	--	908	--	24
402	GS	550±	QTal	do	--	--	--	--	--	--	224	0	62	22	--	--	--	--	--	--	--	--	562	--	26
801	GS	400	QTal	Aug. 26, 1943	--	--	37	8.4	84	--	202	0	81	29	--	11	--	360	127	59	.78	3.2	--	--	--
09-102	GS	--	QTvl	Nov. 14, 1972	--	--	50	12	--	--	218	0	44	13	--	--	--	--	170	--	.9	--	461	8.0	--
103	GS	183	K	Oct. 18, 1972	23	--	200	68	160	--	302	0	810	30	.7	1.3	--	1,440	790	30	0	2.5	1,840	7.6	21.5
301	GS	> 500	K	Dec. 1, 1972	13	--	15	12	140	--	244	0	130	32	1.9	1.8	--	458	87	77	2.26	6.3	728	8.3	17
501	GS	280	QTal	Nov. 11, 1964	32	.03	66	14	13	--	261	0	20	5.6	.6	8.2	--	287	222	42	.00	.4	457	7.3	19
	GS			Dec. 18, 1972	31	--	63	15	21	--	284	0	19	3.8	.7	6.2	-	300	220	17	.28	.6	459	7.9	22
503	GS	344	QTal	do	--	--	38	9.9	--	--	180	0	12	7.6	--	--	--	--	140	--	--	--	344	7.7	23
802	GS	100	QTal?	Nov. 16, 1972	--	--	61	14	--	--	222	0	30	12	--	62	--	--	210	---	--	--	554	7.8	20
10-303	GS	401	QTvl	May 13, 1960	58	--	13	4.2	86	5.0	201	0	48	18	--	5.3	.21	327	50	77	2.30	5.3	485	7.5	25
	TDHR			July 19, 1967	56	--	16	3	91	--	204	0	50	18	1.8	5.5	--	342	51	80	2.32	5.5	484	7.7	--
305	TDHR	325	QTalTv	Aug. 11, 1966	60	--	21	5	99	--	199	0	78	29	2.0	5.0	--	393	75	76	1.77	4.9	560	7.7	--
	TDHR			July 19, 1967	60	--	23	3	99	--	192	0	82	26	1.8	16.0	--	405	70	75	1.74	5.1	564	7.6	--
	TDHR			Apr. 29, 1968	64	--	24	5	93	--	206	0	85	20	1.9	2.5	--	396	82	71	1.74	4.5	576	7.5	26
308	GS	240-450	QTal	Apr. 10, 1973	66	--	16	3.8	91	--	208	0	47	17	2.1	6.1	--	351	56	78	2.30	5.3	503	7.6	--
309	GS	350	QTalTv	June 21, 1969	68	--	13	3.8	89	--	206	0	44	17	--	4.8	--	353	48	80	2.41	5.6	493	8.0	--
	GS			May 17, 1973	--	--	--	--	--	--	--	0	--	23	--	--	--	--	--	--	--	--	529	--	--
311	GS	387	QTal	Aug. 24, 1943	--	--	29	5.5	91	--	215	0	73	25	--	7.0	--	--	93	68	1.90	4.1	--	--	--
312	TDHR	100-350	QTal	Aug. 11, 1966	60	--	105	20	206	--	204	0	236	256	1.9	13.0	--	1,000	346	56	.00	4.8	1,770	7.5	--
	TDHR			July 19, 1967	49	--	121	18	228	--	201	0	387	219	1.7	16.5	--	1,340	378	57	.00	5.1	1,750	7.5	--
314	GS	444	QTal	Apr. 10, 1973	--	--	--	--	--	--	--	--	--	17	--	--	--	--	--	--	--	--	501	--	--
322	TDHR	385	QTal	Aug. 11, 1966	60	--	17	6	83	--	216	0	43	17	1.8	1.5	--	336	68	73	2.18	4.4	490	7.3	--
	TDHR			Apr. 29, 1968	53	--	16	4	84	--	207	0	48	12	1.8	< .4	--	321	54	77	2.32	5.0	480	7.3	--
	GS			Apr. 11, 1973	--	--	--	--	--	--	--	--	--	17	--	--	--	--	--	--	--	--	499	--	--
323	TDHR	--	QTal	Aug. 13, 1968	38	--	17	5	89	--	199	0	72	18	1.7	5.0	--	364	65	75	1.97	4.8	520	7.9	--
	GS			Apr. 11, 1973	--	--	--	--	--	--	--	--	--	20	--	--	--	--	--	--	--	--	508	--	--
325	TDHR	280-500	QTal	Aug. 11, 1966	56	--	32	5	93	--	214	0	80	28	1.7	3.5	--	405	100	67	1.48	4.0	607	7.6	--
	TDHR			Aug. 13, 1968	56	--	15	4	83	--	207	0	48	17	1.6	2.5	--	325	57	76	2.27	4.8	479	7.5	--
327	TDHR	--	QTal	June 14, 1967	57	--	14	3	92	--	204	0	49	17	1.6	< .4	--	334	47	81	2.41	5.8	472	7.4	28
328	GS	80-110 160-260 300-354	QTal	Apr. 11, 1973	85	--	160	31	200	--	214	0	460	200	1.2	15.0	--	1,240	590	45	.00	3.7	1,800	7.6	--
331	TDHR	411	QTalTv?	Aug. 11, 1966	60	--	21	5	94	--	198	0	72	23	1.9	7.0	--	381	72	74	1.81	4.8	555	7.6	--
	TDHR			July 19, 1967	56	--	23	4	95	--	194	0	80	27	1.9	7.0	--	389	76	73	1.67	4.7	576	7.5	--
	TDHR			Aug. 13, 1968	56	--	21	5	99	--	198	0	95	25	1.6	< .4	--	400	74	75	1.77	5.0	580	7.2	--
	GS			Apr. 10, 1973	--	--	--	--	--	--	--	0	--	32	--	--	--	--	--	--	--	--	729	--	--

See footnotes at end of table.

Table 3.--Chemical analyses of water from selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	ANALYSIS BY	DEPTH OR PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DIS-SOLVED SILICA (SiO_2) (MG/L)	DIS SOLVED IRON (FE) (MG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA)[1] (MG/L)	DIS-SOLVED POTAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO_3) (MG/L)	CAR-BONATE (CO_3) (MG/L)	DIS-SOLVED SUL-FATE (SO_4) (MG/L)	DIS SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (NO_3) (MG/L)	DIS SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS) (MG/L)	HARD-NESS (CA, MG) (MG/L)	PER-CENT SODIUM	RESIDUAL SODIUM CAR-BONATE (RSC)	SODIUM AD-SORP-TION RATIO (SAR)	SPECIFIC CONDUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEM-PERA-TURE (°C)
KL-51-10-333	GS	350	QTal	Apr. 10, 1973	--	--	--	--	--	--	--	0	--	17	--	--	--	--	--	--	--	--	508	--	--
334	GS	312	QTal	Jan. 13, 1973	64	--	26	68	110	--	--	0	120	28	--	9.7	--	454	93	72	1.29	5.0	665	8.0	25
335	GS	87-267	QTalTv	May 4, 1950	65	--	--	--	87	--	206	0	49	18	--	5.2	0.12	362	54	78	2.30	5.2	570	7.9	24
	GS			Apr. 10, 1973	--	--	--	--	--	--	--	--	--	25	--	--	--	--	--	--	--	--	662	--	--
336	TDHR	300	QTal	Aug. 11, 1966	60	--	22	4	91	--	220	0	30	21	2.0	2.5	--	361	72	73	2.17	4.7	516	7.4	26
	TDHR			July 19, 1967	60	--	21	2	88	--	209	0	43	21	2.0	6.0	--	350	62	76	2.19	4.9	506	7.5	--
	TDHR			Aug. 13, 1968	58	--	18	5	87	--	209	0	56	16	1.9	5.5	--	350	64	75	2.14	4.7	505	7.8	27
601	GS	375	QTaTv?	May 4, 1950	64	--	--	--	87	--	205	0	44	16	--	5.1	.18	353	56	77	2.24	5.1	488	7.9	--
	TDHR			Aug. 11, 1966	60	--	14	6	86	--	205	0	45	16	2.0	11.0	--	341	60	76	2.16	4.8	479	7.4	--
	TDHR			Apr. 29, 1968	53	--	16	4	86	--	211	0	48	13	1.9	2.5	--	329	56	77	2.34	5.0	492	8.2	--
	GS			Apr. 11, 1973	--	--	--	--	--	--	--	--	--	17	--	--	--	--	--	--	--	--	502	--	--
602	TDHR	--	QTal	June 14, 1967	38	--	13	4	90	15	226	0	49	16	1.8	< .4		323	48	75	2.74	5.7	497	7.0	25
	TDHR			Apr. 29, 1968	57	--	13	4	86	--	209	0	49	12	1.7	2.5		328	48	80	2.47	5.4	495	7.8	--
	GS			Apr. 11, 1973	--	--	--	--	--	--	--	--	--	19	--	--	--	--	--	--	--	--	495	--	--
604	TDHR	368	QTaTv?	Aug. 11, 1966	56	--	18	5	98	--	196	0	71	27	1.7	5	--	378	65	77	1.93	5.3	553	7.5	--
605	GS	360	QTal	May 2, 1950	64	--	--	--	88	--	206	0	49	17	--	4.7	--	357	53	78	2.32	5.3	501	8.4	--
606	GS	355	QTal	May 13, 1960	60	--	12	5	82	5.8	200	0	44	16	--	3.5	--	326	50	76	2.27	5.0	471	7.9	25
	GS			Apr. 11, 1973	--	--	--	--	--	--	--	0	--	16	--	--	--	--	--	--	--	--	484	--	--
609	TDHR	--	QTal	Aug. 11, 1966	60	--	22	7	106	--	209	0	110	17	2.8	2.5	--	430	82	74	1.78	5.1	613	7.3	25
	TDHR			Apr. 29, 1968	53	--	22	5	105	--	209	0	110	13	1.9	< .4	--	436	77	75	1.88	5.2	619	7.6	21
	GS			Apr. 11, 1973	--	--	--	--	--	--	--	0	--	18	--	--	--	--	--	--	--	--	655	--	--
611	TDHR	--	QTal	July 19, 1967	62	--	25	5	94	--	195	0	76	35	1.8	8.0	--	403	83	71	1.55	4.5	585	7.8	--
	TDHR			Aug. 13, 1968	53	--	25	6	93	--	194	0	82	32	1.8	3.5	--	392	87	70	1.66	4.3	595	7.8	--
612	TDHR	340	QTal	June 14, 1967	38	--	15	5	99	--	194	0	95	20	2.8	< .4		389	60	78	1.98	5.6	550	7.2	24
613	GS	350	QTal	Apr. 11, 1973	--	--	--	--	--	--	--	0	--	21	--	--	--	--	--	--	--	--	717	--	--
614	GS	320-625	QTalTv	do	46	--	22	10	91	--	204	0	61	24	1.8	31.0	--	387	96	67	1.42	4.0	556	7.4	--
616	GS	383	QTalTv?	June 22, 1949	74	--	15	10	92	--	204	0	68	26	--	6.5	--	400	78	72	1.77	4.5	559	7.9	--
617	GS	384	QTalTv?	June 16, 1973	--	--	--	--	--	--	--	0	--	21	--	--	--	--	--	--	--	--	550	--	--
618	TDHR	110-160 265-417	Qal	Aug. 11, 1966	60	--	58	20	129	--	193	0	263	47	1.9	< .4	--	670	229	55	.00	3.7	983	7.0	26
	TDHR			July 19, 1967	60	--	67	14	132	--	178	0	276	55	1.7	12.5	--	770	225	56	.00	3.8	1,000	7.2	--
	TDHR			Apr. 29, 1968	62	--	57	19	121	--	173	0	255	45	1.7	8.5	--	650	219	54	.00	3.6	975	7.8	21
623	GS	--	QTaTv	Apr. 3, 1974	60	--	15	4.4	93	--	208	0	44	22	1.8	8.0		350	56	78	2.30	5.4	691	8.3	--
901	TDHR	400	QTal	July 19, 1967	31	--	18	1	156	--	229	0	142	33	3.3	< .4	--	497	50	87	2.76	9.6	765	7.2	--
904	TDHR	420?	QTal	do	58	--	16	3	86	--	209	0	63	13	1.9	6.0	--	332	56	78	2.34	5.1	470	7.4	--
	TDHR			Aug. 13, 1968	53	--	13	4	83	--	203	0	45	14	1.8	3.5	--	317	48	79	2.36	5.2	465	7.8	--
	GS			Apr. 11, 1973	--	--	--	--	--	--	--	--	--	15	--	--	--	--	--	--	--	--	477	--	--
11-402	GS	390	QTalTv	May 5, 1950	74	--	32	20	89	--	204	0	130	33	--	9.2	.24	492	162	54	.10	3.0	720	7.9	--
403	GS	422	QTalTv	Feb. 25, 1972	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	618	--	--
PS-51-12-301	GS	87	Qal?	June 22, 1972	46	--	76	9.3	33	--	250	6	33	19	.5	26	--	372	230	24	.00	1.0	562	8.4	--
PS-51-17-202	GS	234	QTal?	Mar. 13, 1974	--	--	19	8.9	--	--	200	0	37	4.3	--	--	--	--	84	--	1.60	--	401	7.8	19
301	GS	455	QTal?	do	--	--	58	9.6	--	--	400	0	3.2	17	--	--	--	--	180	--	2.88	--	644	7.3	22
701	GS	100	Qal?	Sept. 10, 1964	63	--	52	7.4	126	--	327	0	95	38	1.9	16	.18	557	160	63	2.08	4.3	820	7.2	23
702	GS	100	Qal?	Mar. 12, 1974	64	--	250	37	400	8.6	336	0	760	360	1.4	110	.82	2,140	770	53	.0	6.8	2,990	7.0	18
PS-51-19-101	GS	448	QTal	May 3, 1950	34	--	--	--	51	--	160	0	12	7.0	--	2.2	.06	209	44	72	1.74	3.3	311	8.0	--
104	TDHR	322-480	QTal	Aug. 11, 1966	18	--	9	3	58	--	161	0	13	7.0	1.0	< .4	--	188	37	77	1.91	4.1	300	7.5	24

See footnotes at end of table.

Table 3.--Chemical analyses of water from selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	ANALYSIS BY	DEPTH OF PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DISSOLVED SILICA (SiO_2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA) (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO_3) (MG/L)	CARBONATE (CO_3) (MG/L)	DISSOLVED SULFATE (SO_4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRITE PLUS NITRATE (NO_3) (MG/L)	DISSOLVED BORON (B) (UG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARDNESS (CA, MG) (MG/L)	PERCENT SODIUM	RESIDUAL SODIUM CARBONATE (RSC)	SODIUM ADSORPTION RATIO (SAR)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (°C)
PS-51-19-202	GS	425	QTal	June 21, 1972	66	--	24	6.2	120	--	190	8	98	41	1.8	15	--	473	85	75	1.67	5.7	693	8.3	--
203	GS	304-447	QTal	June 21, 1949	74	--	10	5.2	105	--	217	0	58	22	--	5.9	--	392	46	83	2.61	6.7	562	8.0	--
301	TDWR	585	QTal	July 19, 1967	53	--	2	11	85	--	205	0	37	13	1.8	4.0	--	308	31	78	2.34	5.2	440	7.3	--
	GS			June 16, 1973	55	--	16	3	83	--	206	0	37	14	1.8	2.2	--	313	52	78	2.33	5.0	460	7.5	25
303	GS	483	QTsl	do	--	--	--	--	--	--	--		--	12	--	--	--	--		--	--	--	416	--	--
20-401	GS	280	QTs|Tv	Sept. 27, 1972	58	--	14	3.3	110	--	240	0	54	18	2.4	3.8	--	380	48	83	2.96	6.9	561	7.6	23
21-101	GS	350	Tv	Sept. 25, 1972	44	--	26	6.0	73	--	196	0	49	18	1.7	8.0	--	322	90	64	1.42	3.3	487	7.6	25
22-801	GS	200	Tv	Oct. 10, 1972	31	--	44	7.8	35	--	198	0	26	12	2.6	5.7	--	261	140	35	.41	1.3	409	7.7	23
UW-51-25-201	GS	20-60	Qal	Apr. 18, 1961	32	--	140	34	300	8.8	300	0	378	350	1.0	.0	0.46	1,390	490	57	.00	5.9	2,210	7.0	22
	CS			Mar. 18, 1974	28	--	250	61	500	11.0	372	0	650	710	.7	.9	.53	2,400	880	55	.00	7.4	3,760	7.1	21
202	GS	68	Qal	do	29	--	380	80	680	12.0	374	0	920	1,000	.5	.9	.55	3,340	1,300	53	.00	8.3	5,170	7.1	20
2/ 204	GS	51	Qal	Mar. 19, 1974	55	--	350	84	1,500	--	242	0	1,300	1,700	.5	75	--	4,930	710	82	.00	2.5	7,670	6.8	22
301	GS	--	--	do	--	--	5.6	--	--	14	200	0	70	29	--	.0	--	--	14	--	--	--	616	8.5	25
602	GS	204	QTal	June 5, 1974	27	--	300	70	730	4.0	580	0	810	1,200	--	--	--	3,240	1,000	60	.00	9.9	4,930	7.7	19
604	GS	83	Qal	do	65	--	22	3.4	990	2.2	916	0	810	440	--	--	--	2,790	69	97	13.6	52.0	4,200	8.0	24
PS-51-27-301	GS	304	QTal	Mar. 29, 1961	29	--	38	4.6	19	--	153	0	13	10	.7	.2	.09	192	114	26	.23	.8	302	7.4	22
	GS			Oct. 6, 1972	27	--	50	4.2	21	--	188	0	16	8.9	.4	3.4	.04	223	140	24	.24	.8	348	7.3	--
DW-51-27-603	GS	Spring	QTs|Tv	Nov. 10, 1972	26	--	41	3.2	19	--	155	0	58	15.4	.7	1.5	--	191	120	26	.23	.8	293	7.8	--
801	GS	Spring	Tv	Mar. 23, 1955	50	0.02	43	3.5	23	--	191	0	6.6	4.2	.8	.5	--	226	122	29	.70	.9	316	7.1	--
PS-51-28-302	GAL	330-730	QTal|Tv	Apr. 1, 1975	--	--	8	2	100	--	--	--	--	--	--	--	.25	--	28	89	--	8.2	490	7.8	--
602	GS	107	QTal	Mar. 24, 1955	48	.02	62	8.1	148	--	314	0	200	23	1.4	11	--	659	188	63	1.39	4.7	944	7.4	--
603	GAL	300-620	QTal|Tv	Aug. 24, 1975	--	--	23	3	91	--	--	--		--	--	--	.11	--	70	74	--	4.7	410	7.8	--
UW-51-28-701	GS	384-505	Tv	Feb. 23, 1956	36	.22	11	.6	96	--	228	0	25	14	1.8	1.0	--	298	36	87	3.14	7.0	438	7.8	32
	GS	384-1,000		Mar. 13, 1958	46	2.3	9.7	.2	97	--	225	0	25	13	1.6	3.2	--	309	23	89	3.12	8.4	445	7.9	36
801	GS	400	Tv	Nov. 9, 1972	53	--	14	1.0	110	--	242	0	43	15	1.5	6.2	--	361	39	86	3.19	7.5	525	8.2	--
901	GS	320	QTs|Tv	Mar. 22, 1955	80	.06	35	3.4	47	--	203	0	38	10	.6	4.5	--	299	101	50	1.30	6.4	387	7.5	21
3/ 902	GS	1,135-1,165	QTs|Tv	Apr. 23, 1974	64	.06	34	4.1	130	8.5	168	0	120	41	2.2	12	.16	490	77	76	1.21	6.2	680	8.0	--
3/	GS	971-1,001		Apr. 25, 1974	70	.08	25	2.4	120	10.0	174	0	100	36	2.5	12	.17	465	72	75	1.40	6.0	628	8.1	--
3/	GS	850-880		Apr. 26, 1974	66	.03	20	3.2	120	6.5	162	0	120	37	2.3	25	.16	478	63	78	1.40	6.6	660	8.2	--
3/	GS	345-375		May 1, 1974	75	.09	20	2.8	100	4.8	156	0	92	38	2.4	13	.21	430	62	77	1.33	5.7	583	8.0	--
PS-51-29-103	GS	210-385	QTal	Sept. 21, 1972	16	--	6.0	1.4	68	--	144	0	28	12	1.0	2.7	-	206	21	88	1.95	6.5	339	8.0	--
104	GS	870	QTs|Tv	Aug. 13, 1948	28	.15	4.3	.8	71	7.6	152	12	27	13	1.3	4.5	.67	231	14	87	2.22	8.2	362	8.2	--
	GS			Jan. 3, 1955	31	.03	5.2	.3	76	2.2	154	0	27	14	1.6	5.8	--	234	15	90	1.86	8.5	354	8.2	28
	GS			Sept. 21, 1972	--	--	--	--	--	--	156	0	--	13	-	--	--	--	16	--	2.24	--	364	7.7	--
105	GS	736-862	QTal	Aug. 26, 1943	51	.01	4.9	.8	77	--	107	0	22	12	1.4	6.0	--	263	16	91	2.28	8.4	356	8.5	--
801	GS	457	QTs|Tv	Sept. 28, 1972	24	--	7.8	1.2	62	--	138	0	32	10	1.4	7.4	--	204	24	85	1.77	5.5	317	7.9	22
30-301	GS	135	Tv	Nov. 8, 1972	27	--	73	18	36	--	256	0	41	35	7.1	32	--	390	260	23	.00	1.0	600	7.7	--
601	GS	10	Tv	do	33	--	63	13	26	--	200	0	32	29	1.6	31	--	327	210	21	.00	.8	515	7.8	--
31-701	GS	150	Tv	do	30	--	56	8.9	38	--	248	0	20	17	3.7	1.1	--	297	180	32	.56	1.2	479	8.2	--
UW-51-34-302	GS	162	Tv?	Sept. 18, 1975	--	--	7.5	.2	--	--	456	4	100	46	--	--	--	--	20	--	7.21	--	1,070	8.4	29
401	GS	21	Qal	June 16, 1974	19	--	170	17	450	6.0	260	0	520	540	--	--	--	1,850	490	66	.00	8.8	2,960	7.5	22
36-401	GS	390	QTal|Tv	Mar. 23, 1955	53	--	71	4.4	30	--	298	0	6.4	5.0	.8	2.0	--	318	195	25	.98	.9	472	7.9	21

See footnotes at end of table.

Table 3.--Chemical analyses of water from selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	ANALYSIS BY	DEPTH OF PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DISSOLVED SILICA (SiO_2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA)[3] (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO_3) (MG/L)	CARBONATE (CO_3) (MG/L)	DISSOLVED SULFATE (SO_4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRITE PLUS NITRATE (NO_3) (MG/L)	DISSOLVED BORON (B) (UG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS (MG/L)	HARDNESS (CA, MG) (MG/L)	PERCENT SODIUM	RESIDUAL SODIUM CARBONATE (RSC)	SODIUM ADSORPTION RATIO (SAR)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (°C)
UW-51-36-601	GS	--	QTaTv	Nov. 20, 1971	32	1.4	9.2	.9	133	--	268	0	67	18	1.2	< 0.02	--	473	26	42	3.88	11	--	8.1	--
7D1	GS	240	QTalTv	Feb. 23, 1955	48	< .01	58	4.4	18	--	231	0	4.1	3.5	.6	1.5	--	252	163	19	.53	.6	367	7.3	--
37-601	GS	372	QTalTv	Mar. 30, 1961	72	--	16	2.8	95	--	201	0	62	16	--	6.6	--	369	52	80	2.26	5.7	508	7.6	22
701	GS	330	QTalTv	Oct. 27, 1972	37	--	46	4.4	30	--	220	0	6.0	3.2	.6	6.6	--	242	130	33	.95	1.1	360	7.5	--
43-101	GS	8,815	K	Nov. 30, 1965	187	.03	14	1.9	524	57	474	0	392	322	8.3	.5	1.1	1,740	43	91	6.91	35	2,540	8.0	82
	GS			Sept. 18, 1973	--	--	44	1.6	--	--	546	0	370	300	--	--	--	--	120	--	6.62	--	2,500	7.9	--
Z01	GS	6,208	K	June 6, 1974	86	--	35	2.4	380	42	484	0	220	240	8.8	.3	--	1,250	97	85	5.99	17	1,960	8.0	--
46-101	GS	600	Tv	Mar. 30, 1961	67	--	30	12	35	--	204	0	13	10	1.1	4.0	--	272	124	38	.96	1.4	380	7.5	--
51-301	GS	20	Tv	Nov. 22, 1954	42	.01	1.2	.2	113	2.7	198	12	30	16	3.6	4.5	.13	324	4	97	3.16	24.5	484	8.7	37
801	GS	42-62	Qal	Apr. 22, 1961	53	--	290	53	631	14	412	0	836	783	.9	0	.55	2,850	942	59	.00	9.0	4,250	7.3	23
	GS			June 10, 1974	31	--	330	65	730	11	404	0	960	960	--	--	--	3,270	1,100	59	.00	9.6	4,860	7.5	20
802	TAES	0-172	QTal	July 16, 1955	--	--	606	88	469	0	287	9	869	1,230	--	--	--	3,556	1,670	35	.00	4.7	--	--	--
803	TAES	10-46	Qal	do	--	--	572	74	265	--	288	12	715	940	--	--	--	2,846	1,735	25	.00	2.8	--	--	--
804	TAES	11-81	Qal	do	--	--	658	88	297	--	204	12	790	1,168	--	--	--	3,217	2,009	24	.00	4.7	--	--	--
805	TAES	22	Qal	do	--	--	299	44	441	--	256	12	616	720	--	--	--	2,388	928	51	--	6.3	--	--	--
808	TAES	80	Qal	do	--	--	31	14	75	--	244	21	40	14	--	--	--	439	134	55	2.02	2.8	--	--	--
	GS			Jan. 30, 1957	79	--	25	.9	109	1.7	292	0	33	12	2.2	10	--	422	68	78	3.46	5.8	576	7.8	--
	GS			Mar. 30, 1961	85	.01	26	2.4	107	2.6	292	0	36	12	2.0	9.2	.23	426	75	75	3.29	5.4	574	7.3	17
	TDHR			Mar. 26, 1972	--	.13	26	4.0	106	--	298	0	36	13	2.1	.9	--	490	81	74	3.31	3.5	--	8.0	--
52-501	GS	--	Tv	June 9, 1974	52	--	7.4	1.3	110	1.6	260	0	33	16	2.9	.8	--	353	25	90	3.77	9.6	500	8.1	24
59-201	TAES	53	Qal	July 12, 1956	--	--	22	29	328	--	451	18	195	202	--	--	--	1,245	176	80	6.49	10.8	--	--	--
202	TDHR	--	Qal	Apr. 26, 1972	--	< .02	33	4.0	233	14	381	0	136	115	5.6	< .4	--	920	99	84	.00	10.1	--	7.7	--
501	GS	41	Qal	May 16, 1974	--	--	870	180	--	--	230	0	880	2,500	--	--	--	--	2,900	--	.00	---	9,620	7.5	24
803	GS	26	Qal	do	--	--	9.4	4.5	--	--	938	0	900	750	---	--	--	--	42	--	14.5	--	5,710	8.1	24
901	GS	--	Qal	June 9, 1974	51	20	58	8.0	210	23	384	0	170	120	7.7	1.2	--	838	180	69	2.74	6.9	1,260	7.9	24
903	GS	--	Qal	May 12, 1974	43	--	40	10.0	180	22	300	0	180	90	5.1	.00	--	718	140	70	2.10	6.8	1,170	8.2	24
60-401	GS	0-100	Qal, Tv?	June 10, 1974	--	--	32	4.9	150	14	267	0	100	77	4.6	--	--	--	100	73	2.38	6.3	907	7.9	51
402	GS	38	Qal	do	44	--	270	25.0	440	24	240	0	950	340	--	--	--	--	780	54	.00	6.9	3,180	7.8	27
802	GS	40-640	--	June 11, 1974	--	--	39	13.0	150	14	265	0	160	89	--	--	--	--	150	66	1.33	5.3	1,020	8.0	34
2/ 74-03-203	GS	37	Qal	May 16, 1974	--	--	51	66	--	--	84	0	880	1,300	--	--	--	--	400	--	.00	--	5,770	6.8	22
204	GS	70	Qal	do	--	--	130	52	--	--	552	0	1,000	1,100	--	--	--	--	540	--	.00	--	6,120	7.8	23
301	GS	--	Qal	May 12, 1974	--	--	53	11	--	--	328	0	130	77	--	--	--	--	180	--	1.83	--	1,060	8.0	24
504	GS	70	Qal	May 15, 1974	--	--	52	68	--	--	820	0	1,100	710	--	--	--	--	410	--	5.25	--	5,530	8.0	23
902	GS	5-60	Qal	do	29	--	270	68	640	17	352	0	740	890	---	.1	--	2,830	950	59	.00	9.0	4,510	7.7	19
04-401	GS	20-200	QTal	Mar. 7, 1973	--	--	110	9.6	--	--	220	0	270	86	--	--	--	--	320	--	.76	--	1,170	8.0	23
501	GS	10-300	QTal	do	53	--	62	19	100	--	322	0	98	62	2.1	.3	--	558	230	49	.63	3.0	865	7.9	23
802	GS	7	Tl	Apr. 8, 1974	--	--	12	2.8	--	--	324	0	110	57	--	--	--	--	42	--	4.48	--	957	8.3	25
901	GS	349	QTal or Tl	do	--	--	18	3.5	--	--	164	0	53	43	--	--	--	--	59	--	1.50	--	525	7.6	20
3/ 11-301	GS	33	Qal	May 16, 1974	2.5	--	460	150	1,700	27	30	0	1,100	2,900	.3	.1	--	6,350	1,800	67	.00	18	10,600	6.6	21
12-101	GS	155-252	QTal	Apr. 8, 1974	35	--	18	7.1	220	6.5	316	0	110	120	6.4	.2	--	677	74	85	3.70	11	1,160	8.3	26

See footnotes at end of table.

Table 3.--Chemical analyses of water from selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	ANALYSIS BY	DEPTH OF PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DISSOLVED SILICA (SiO_2) (MG/L)	DISSOLVED IRON (FE) (UG/L)	DISSOLVED CALCIUM (CA) (MG/L)	DISSOLVED MAGNESIUM (MG) (MG/L)	DISSOLVED SODIUM (NA)[1] (MG/L)	DISSOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO_3) (MG/L)	CARBONATE (CO_3) (MG/L)	DISSOLVED SULFATE (SO_4) (MG/L)	DISSOLVED CHLORIDE (CL) (MG/L)	DISSOLVED FLUORIDE (F) (MG/L)	DISSOLVED NITRITE PLUS NITRATE (NO_3) (MG/L)	DISSOLVED BORON (B) (UG/L)	DISSOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARDNESS (Ca, Mg) (MG/L)	PERCENT SODIUM	RESIDUAL SODIUM CARBONATE (RSC)	SODIUM ADSORPTION RATIO (SAR)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (°C)
UW-74-12-201	GS	387	QTal	Apr. 6, 1974	15	--	11	1.5	600	3.4	552	24	460	220	0.5	0.00	--	1,610	36	97	5.38	45	2,620	8.6	29
401	GS	47	Qal	Apr. 15, 1974	--	--	51	20	--	--	348	0	110	53	--	--	--	--	210	--	1.51	--	945	7.9	26
601	GS	22	QTal	Apr. 3, 1974	--	--	33	1.6	--	--	232	0	15	10	--	--	--	--	89	--	2.02	--	414	8.3	21
801	GS	44	Qal	Apr. 5, 1974	29	--	500	100	740	8.0	260	0	1,200	1,300	.4	.00	--	4,020	1,700	49	.00	7.9	5,980	8.0	21
13-101	GS	365	QTal	Apr. 4, 1974	43	--	33	3.7	56	3.8	164	0	48	24	.5	4.9	--	298	98	54	.74	2.5	449	8.1	25
102	GS	274	QTal	June 8, 1974	--	--	35	7.1	--	--	192	0	22	15	--	--	--	--	120	--	.82	--	389	8.0	18
701	GS	--	QTal	Apr. 3, 1974	45	--	19	3.0	230	6.7	364	12	110	89	6.2	.4	--	701	60	88	5.17	13	1,160	8.6	23
20-201	GS	50	Qal	May 13, 1974	26	--	310	55	520	11	426	0	730	700	.8	.2	--	2,560	1,000	53	.00	7.2	3,950	7.8	20
205	GS	31	Qal	Apr. 6, 1974	9.9	--	470	140	1,200	29	360	0	1,600	1,600	.5	.00	--	5,230	1,800	59	.00	12.0	7,870	7.5	20
[2] 601	GS	20	Qal	Oct. 4, 1973	--	--	510	98	--	--	360	0	1,500	1,100	--	--	--	--	1,700	--	.00	--	6,340	7.4	22
906	GS	1-36	Qal	do	41	--	700	360	3,800	--	452	0	4,600	4,400	2.2	6.2	--	--	3,200	72	.00	29	18,500	7.2	22
21-801	GS	--	QTal	Apr. 5, 1974	28	--	38	6.0	460	.4	388	0	410	250	4.7	.00	--	1,390	120	89	3.97	18	2,230	7.9	26
22-201	GS	46	QTal	Feb. 18, 1974	--	--	58	5.5	--	--	212	0	19	9.1	--	--	--	--	170	--	.13	--	418	7.7	22
902	TBWC	396	QTal	May 15, 1960	46	--	13	4.4	126	2.4	269	7.2	46	24	1.1	9.9	0.16	412	--	82	3.31	7.3	--	8.1	--
	GS			Feb. 16, 1974	34	--	16	2.2	120	--	277	0	47	24	1.1	7.1	--	391	49	85	.00	7.7	614	7.6	19
24-201	GS	694	KY	July 24, 1944	--	--	5	2.0	111	--	214	16	34	13	--	8.0	--	--	20	92	--	--	--	--	--
	GS			Aug. 1, 1958	26	--	1.6	.2	119	.7	207	8	37	18	2.0	13.0	.29	336	5	98	.00	23	520	8.5	29
[2] 29-101	GS	38	Qal	Oct. 3, 1973	5.2	--	88	11	120	--	104	0	270	120	.4	.9	--	668	260	50	.00	3.3	1,090	7.5	23
[2] 205	GS	34	Qal	May 23, 1973	11	--	20	38	760	--	276	0	900	500	.8	.9	--	2,370	210	89	.39	23	3,680	7.7	--
604	GS	29	Qal	Aug. 23, 1973	43	--	330	56	570	--	398	0	1,100	590	1.0	12	--	2,880	1,000	54	.00	7.6	4,050	7.3	23
606	GS	18	Qal	Apr. 12, 1973	30	--	300	64	870	--	140	0	1,600	800	.7	.0	--	3,750	1,000	65	.00	12.0	5,300	7.6	20
612	TDHR	147	QTal	Nov. 18, 1964	35	--	356	11	120	--	149	0	810	179	1.5	< .4	--	1,660	930	22	.00	1.7	2,030	7.2	--
615	TDHR	50	Qal	Oct. 17, 1963	--	2.2	465	36	112	--	171	0	710	500	.7	.4	--	2,000	1,310	18	.00	1.5	3,696	7.1	--
30-301	GS	106	QTal	June 19, 1974	--	--	31	3.0	--	--	238	0	44	15	--	--	--	--	80	--	--	--	534	7.6	24
401	TBWC	32	Qal	Nov. 1949	66	--	97	16	273	4.69	281	0	461	125	1.71	27	.48	1,221	--	65	.00	4.8	1,740	7.6	--
402	GS	30-46	Qal	July 19, 1948	60	.05	78	9.8	63	8.4	260	0	114	28	1.2	9.6	.37	524	235	36	.00	1.8	764	7.4	--
403	GS	24	Qal	Mar. 29, 1961	52	--	210	22	289	6.1	346	0	624	194	--	43	--	1,610	614	50	.00	5.1	2,240	6.8	22
	GS			Aug. 24, 1973	47	--	360	42	290	--	304	0	740	470	.8	9.7	--	2,100	1,100	57	.00	3.9	3,060	7.4	22
407	TDHR	58-78	Qal	Oct. 17, 1963	--	< .02	97	2	101	--	237	0	517	35	.9	20	--	710	252	47	.00	2.8	1,015	7.5	--
	TDHR			Sept. 14, 1965	--	< .02	64	5	66	--	216	0	120	12	1.0	15	--	499	182	44	.00	2.1	680	7.9	--
	TDHR			Aug. 6, 1966	--	< .02	58	23	96	--	244	0	182	37	1.0	19	--	660	238	47	.00	2.7	1,000	7.8	--
	TDHR			May 3, 1967	--	.40	110	11	110	--	246	0	238	78	.9	17	--	820	379	43	.00	2.7	1,272	7.8	--
	TDHR			Sept. 16, 1970	--	< .02	101	9	109	--	227	0	228	66	1.0	20	--	760	290	45	.00	2.8	1,155	7.9	--
	TDHR			Apr. 27, 1972	--	.06	105	< .05	115	--	227	0	240	68	1.0	22	--	790	298	46	.00	2.9	1,218	7.7	--
	TDHR			June 13, 1973	--	--	113	11	125	--	220	0	284	82	1.1	22	--	860	326	45	.00	3.0	1,344	7.7	--
	TDHR			Aug. 15, 1974	--	--	124	4	129	--	227	0	290	78	1.7	22	--	880	328	--	--	--	1,386	7.5	--
410	GS	110	QTal	Mar. 21, 1973	27	--	46	11	54	--	206	0	82	17	.4	1.3	--	339	160	42	.99	1.9	534	8.1	21
411	GS	40-65	Qal	May 11, 1974	--	--	40	6.2	--	--	153	0	130	30	--	--	--	--	130	--	.00	--	604	7.9	26
419	GS	65	Qal	Aug. 23, 1973	--	--	260	10	--	--	72	0	940	220	--	--	--	--	690	--	.00	--	2,480	7.3	23
422	GS	about 40	Qal	Aug. 22, 1973	31	--	530	69	530	--	398	0	1,400	670	.9	4.9	--	3,470	1,600	42	.00	5.8	4,610	7.5	22
423	TDHR	--	Qal	Jan. 1967	--	< .02	71	5	51	--	229	0	78	16	1.0	18	--	469	197	36	.00	1.6	852	7.6	--
601	GS	24	Qal	June 19, 1974	--	--	29	2.9	79	3.0	244	0	34	13	--	--	--	--	84	66	3.31	3.7	507	7.7	25
704	GS	21	Qal	June 14, 1974	--	--	270	31	290	9.0	410	0	770	210	--	--	--	--	800	44	.00	6.5	2,570	7.6	22

See footnotes at end of table.

Table 3.--Chemical analyses of water from selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Bolson--Continued

WELL	ANALYSIS BY	DEPTH OF PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DIS-SOLVED SILICA (SiO_2) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CAL-CIUM (CA) (MG/L)	DIS-SOLVED MAGNE-SIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA)[1] (MG/L)	DIS-SOLVED POTAS-SIUM (K) (MG/L)	BICAR-BONATE (HCO_3) (MG/L)	CAR-BONATE (CO_3) (MG/L)	DIS-SOLVED SUL-FATE (SO_4) (MG/L)	DIS-SOLVED CHLO-RIDE (CL) (MG/L)	DIS-SOLVED FLUO-RIDE (F) (MG/L)	DIS-SOLVED NITRATE FLDS NITRATE (NO_3) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTI-TUENTS (MG/L)	HARD-NESS (CA, MG) (MG/L)	PER-CENT SODIUM	RESIDUAL SODIUM CAR-BONATE (RSC)	SODIUM AD-SORP-TION RATIO (SAR)	SPECIFIC CONDUCT-ANCE (MICRO-MHOS)	PH (UNITS)	TEM-PERA-TURE (°C)
UW-74-30-805	GS	8	Qal	June 17, 1974	--	--	69	5.8	47	--	313	0	25	12	--	1.9	--	--	200	34	1.21	1.5	562	7.5	22
807	GS	24	Qal	June 15, 1974	--	--	120	4.5	--	--	364	0	310	76	--	--	--	--	320	--	.00	--	1,720	7.5	26
809	TDHR	17-42	Qal	Dec. 8, 1969	--	.06	193	17	251	--	296	0	620	133	1.0	16.5	--	1,530	550	52	.00	4.9	--	--	--
	TDHR			Oct. 14, 1973	--	--	128	9	191	--	293	0	429	80	1.2	< .4	--	1,140	360	54	.00	4.4	--	7.8	--
810	GS	36	Qal	June 15, 1974	--	--	180	5.8	--	--	304	0	490	520	--	--	--	--	470	--	.00	--	3,090	7.4	27
31-201	GS	290	QTal	June 19, 1974	--	--	36	2.1	--	--	235	0	235	47	--	--	--	--	99	--	1.88	--	544	7.9	23
501	IBWC	128	QTal	Nov. 1949	68	--	49	9.1	38	2.7	290	0	22	13	.6	6.2	0.15	368	--	44	.00	2.0	522	8.0	--
	GS			June 19, 1974	--	--	1.9	--	--	--	192	0	16	9.9	--	--	--	--	5	--	3.05	--	363	7.7	25
2/ 701	GS	22-33	QTal	do	--	--	59	--	--	--	247	0	14	9.1	--	--	--	--	170	--	.64	--	444	7.7	26
39-201	GS	150-204	QTal	June 17, 1974	38	--	160	22	210	7.1	228	0	500	150	--	--	--	1,200	490	48	.00	4.1	1,780	7.7	26
501	IBWC	23	Qal	Nov. 2, 1949	67	--	125	21	439	5.1	252	0	566	383	4.0	32	.50	1,787	--	70	.00	9.6	2,650	7.6	26
504	TDHR	174-214	QTal	Apr. 27, 1972	--	.20	21	6	82	--	168	0	53	32	1.6	9	--	373	77	70	1.21	4.1	520	8.1	--
505	GS	about 200	QTal	June 17, 1974	36	20	32	.5	180	2.6	78	0	180	150	.6	3.2	--	634	82	82	.00	8.7	1,060	8.8	25
601	GS	386	QTal	do	--	--	28	2.3	--	--	162	0	30	14	--	--	--	--	79	--	.00	--	392	7.8	27
904	GS	135	QTal	do	84	20	64	5.6	64	2.1	218	0	540	170	10	23	--	1,390	180	82	.00	12	2,060	7.6	24
48-103	GS	64	Tw?	June 18, 1974	--	--	25	2.4	--	--	239	0	54	27	--	--	--	--	72	--	2.47	--	590	7.3	25

See footnotes at end of table.