

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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by Donald E. White, Joseph S. Gates, James T. Smith, and Bonnie J. Fry

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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, will be used to prepare a report on the availability of ground water in the basins of westernmost Texas. 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 (fig. 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.

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Each 1-degree quadrangle is divided into 7 1/2-minute quadrangles that are given two-digit numbers from 01 to 64. These are the third and fourth digits of the well number. Each 7 1/2-minute quadrangle is divided into 2 1/2-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 2 1/2-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 7 1/2-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 State-wide program. Table 2 also shows all measurements made in these wells by the Geological Survey during this investigation.

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 Resources, 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.
- 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.
- Scalapino, R. A., 1950, Development of ground water for irrigation in the Dell City area, Hudspeth County, Texas: Texas Board of Water Engineers Bull. 5004, 41 p.

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); PG--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--submersible; 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.

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

Well	Owner	Driller	Date completed	Depth of well (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
PD-47-01-401	D. F. Lewis	--	old	27	36	Qal	3730	25.0	9-29-48	C,W	S	"Sid Ables" well, no. 89 in Tex. Board Water Engineers Bull. 5004.
1/ 701	do.	--	old	60	--	QTal	3671	50.0	do.	C,W	S	"Eclipse" well, no. 90 in Tex. Board Water Engineers Bull. 5004.
09-101	Ed Hammack	--	old	24	--	Qal	3640	20R.	11- -49	C,W	N	No. 97 in Tex. Board Water Engineers Bull. 5004.
201	do.	H. H. Virdell	1941 & 1971	240	6	--	3789	195.5	11-13-75	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	--	3789	--	--	S,E	S	Deepened from 207 to 240 feet in 1971.
1. 203	do.	--	1949-53?	150?	14	QTal	3697	91.0	11-13-73	S,E	S	
204	do.	--	1949-53?	150?	16	QTal	3674	74.9	11-14-73	N	N	
205	do.	--	--	150?	14	QTal	3676	70.7	do.	N	N	Reported originally 300 feet deep, caved to 150 feet.
206	do.	--	1952-53?	150?	16	QTal	3700	101.5	6-20-74	T,E	N	
207	do.	Leroy Perry	1974	1240	14	Pgs?	3685	95.7 104.2	do 10-30-75	T,E,100	Irr	Bedrock at about 750 feet, limestone at 1003 feet; tested at 1500 gal/min with 4 feet draw-down, reportedly produces 2450 gal/min with 15 feet draw-down.
1/ 501	do.	--	1930's	80	6	QTal	3639	--	--	C,W	N	"Old place" well, originally 100 feet deep, caved and cleaned out to 80 feet in 1973.
1/ 502	do.	--	1938-40 & 1971	140	6	QTal	3690	--	--	C,W	S	"Patterson" well, originally 100 feet, deepened to 100 feet in 1971.
701	Guitar Trust	Pure Oil Co.	1948	1416	--	--	3630	--	--	--	--	Pure Oil Co. Guitar no. 1, core test no. 2, Hudspeth County, approximate location; bedrock (dolomite) at 1047 feet, sample and electric logs.
1/ 702	Ed Hammack	--	--	70	6	QTal	3648	--	--	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	1180	--	--	3640	--	--	--	--	Pure Oil Co., core test no. 1, Hudspeth County, approximate location; bedrock (dolomite) at 1050 feet, sample and electric 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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ PD-47-09-801	J. V. McAdoo	George Millian	1954	412	16	Pc	3696	81.0 86.4 102.3	6- 2-54 1-26-60 11-13-73	T,Ng	Irr	Bedrock (limestone) at 100 feet; cased to 270 feet, open hole below; 200 feet of 10-inch column pipe. Reported 2400 gal/min with 97 feet drawdown in 1954, estimated 1600 gal/min in 1968; former Tex. Water Devel. Board water-level observation well. 2/
1/ 802	Ed Ardoin	--	--	250+	16	Pc	3800	197.6 205.4 200.1	2-11-72 9- 7-72 2-12-74	T,E, 110?	Irr	200 feet of 10-inch column pipe, estimated 920 gal/min in 1963.
1/ 803	do.	--	--	--	16	Pc	3790	190.7	3-21-72	T,E,150	Irr	220 feet 10-inch column pipe.
804	J. V. McAdoo	C. E. Harris	1955	416	16	Pc	3696	--	--	T,Ng, 110	Irr	Cased to 300 feet, open hole below; 200 feet 10-inch column pipe. Estimated 1400 gal/min in 1972, 700 in 1974; field specific conductance 1740 μ mo/cm and temperature 69°F in 1972.
1/ 805	do.	do.	1955	515	16	Pc	3696	84.9 96.9	7-26-60 3-31-72	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 1300 gal/min in 1960, 780 gal/min in 1963, 1000 gal/min in 1974.
806	do	C. R. Bramblett	1965	500	18	Pc	3696	94.3 98.6 104.2 97.0	9-12-66 3-31-72 9- 6-72 2-11-74	N	N	Cased to 320 feet, open hole below; gamma-ray log available, probe reached 752 feet (deepened after 1965?).
1/ 807	do.	--	--	--	--	--	3722	130.2	5-18-72	S,E.	D	
1/ 5/ HL-47-09-901	El Paso Natural Gas Co.	Wheeler Case	1957	591	12	QTal,Pc	3804	203R 194R 208R	8-13-57 2- 4-58 6- -69	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	3830	203.0	5-11-65	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 Co.	K. C. Wheeler	1970	650	16	Pc	3804	210R	5- -70	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?	3869	272R	6- -69	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/

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below(-) land surface datum (feet)	Date of measurement			
1/ HL-47-10-501	Six-Bar Cattle Co.	--	--	1100	--	Pba?	4565	800R	1971	C,E	S	Owner's well no. 18, field specific conductance 1160 umho/cm, water reddish.
1/ 701	--	--	--	702?	--	--	4015	--	--	C,W	S	Field specific conductance 1580 umho/cm.
PD-47-17-101	Texas Pacific Land Trust	Pure Oil Co.	1948	1707	--	--	3625	--	--	--	--	Pure Oil Co. Grable no. 1, core test no. 4, Hulsbath County, approximate location. Bedrock at 1650 feet (no massive limestone or dolomite); sample and electric log.
1/ 201	Amarco, Inc.	W. L. Stratton	1959	400	16	Pc	3755	147.0 157.3 159.5	1-26-60 2-9-72 2-11-74	N	N	Unused irrigation well; bedrock at 1667 feet or 247 feet (lime) or 285 feet (lime); cased to 241 feet, open hole below. Estimated 660 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. 2/
1/ 202	Atlantic-Richfield Co.	Donahue	1952	250	18	QTal, Pct	3666	54.0 62.4 63.5	6-10-54 2-11-72 2-11-74	T,70	N	Unused irrigation well; cased to 250 feet, perforated 89-94 feet; 70 feet 8-inch column pipe. Estimated 1000 gal/min in 1960; 43 gal/min/ft specific capacity measured in 1960; Tex. Water Development Board water-level observation well. 2/
1/ 203	do.	W. L. Stratton	1958	500	16	Pc	3732	119.4 123.8 127.3	1-26-60 2-10-72 2-11-74	S,E,3/4	N	Unused domestic well; bedrock at 592 feet; limestone at 250 feet; cased to 500 feet, perforated 250-500 feet. Reported 2450 gal/min and 38 gal/min/ft specific capacity in 1959, gamma-ray log, logger probe reached bottom at 465 feet. Tex. Water Development Board water-level observation well. 3/
1/ 204	West Texas Production Credit Assoc.	C. R. Bramblett	1958	890	18	Pc	3697	86.0 98.1	1-26-60 2-11-72	T,100	N	Unused irrigation well; bedrock (limestone) at 62 feet; cased to 62 feet, open hole below; 250 feet 8-inch column pipe. Estimated 790 gal/min in 1967; 6.5 gal/min/ft specific capacity estimated in 1960. 2/
205	Atlantic Richfield Co.	G. E. Millian	1951	310	16,14	Pc	3689	71.9 84.3 85.1	6-10-54 2-11-72 2-11-74	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. 2/
1/ 206	West Texas Production Credit Assoc.	C. E. Harris	1956	750	18	Pc	3699	86.0 99.6 101.1	1-26-60 2-11-72 2-11-74	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/

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ PD-47-17-207	Atlantic Richfield Co.	W. L. Stratton	1957	600	14	Pc	3680	75.2 81.3	11-17-59 2-11-72	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	1686	16	Pc	3703	106.1 103.7	4- 5-65 2-11-72	T,100	N	Unused irrigation well; bedrock (limestone) at 145 feet; cased to 146 feet, open hole below. Reported 2000 gal/min and 12 gal/min/ft specific capacity in 1965. Electrical and gamma-ray logs to 1030 feet. 3/
209	Amarex, Inc.	--	1964	395	12	Pc†	3737	138R	1964	T	N	Unused irrigation well.
211	West Texas Production Credit Assoc.	--	--	381	18	Pc†	3712	112.2 113.8	2-11-72 2-11-74	N	N	Unused test well(?). Gamma-ray log, probe reached bottom at 381 feet.
213	Atlantic Richfield Co.	Pure Oil Co.	1948	1430	--	--	3640	--	--	N	N	Pure Oil Co. Merritt no. 1, core test no. 3, Hudspeth County, approximate location; bedrock (dolomite) at 1342 feet, sample and electric logs.
214	West Texas Production Credit Assoc.	--	--	260	16	--	3703	104.0	2-11-72	--	--	Unused test well(?); gamma-ray log, probe reached bottom at 260 feet.
215	--	--	--	--	--	--	3660	53.7	2-10-72	S	N	Unused domestic well.
216	Atlantic Richfield Co.	--	--	--	--	--	3730	137.1	2-11-72	S,E	D	Field specific conductance 1620 umho/cm.
217	Wesley West	--	--	47	6	Qal	3637	32.6	3-29-72	C	N	"Soda" well, unused stock well.
1/ 218	--	--	1962	350	16,12	QTal,Pc†	3667	59.2 61.0 62.2	1-23-64 2-10-72 2-12-74	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 1300 gal/min and 16 gal/min/ft specific capacity in 1963. Tex. Water Development Board water-level observation well.
1/ HL-47-17-301	Atlantic Richfield Co.	Cunningham	1953	385	18	Pc	3754	154.1 158.8 157.8	3-22-60 2- 9-72 2-26-73	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 6650 gal/min in 1965; former Tex. Water Development Board water-level observation well.
1/ 302	do	W. L. Stratton	1959	377	16	Pc	3754	149.8 159.2 167.9 161.1	1-26-60 2- 9-72 9- 7-72 2-11-74	T	N	Middle of three closely spaced irrigation wells; bedrock at 301 feet, limestone at 224 feet; cased to 229 feet, open hole below, perforated 160-169 feet; 170 feet 10-inch column pipe. Estimated 2100 gal/min in 1967; Tex. Water Development Board water-level observation well. 2/ 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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ HL-47-17-303	Atlantic Richfield Co.	W. L. Stratton	1958	377	16	Pc	3754	150.7 159.1 167.4	11-17-59 2- 9-72 9- 7-72	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 2200 gal/min in 1965, 2000 gal/min estimated in 1973. 1
1/ 304	Amarex, Inc.	do.	1964	450	16	Pc	3802	197.1 200.7 202.6	4- 7-65 2- 9-72 2-11-74	S,E	S	Irrigation well used for stock; limestone at 120 feet; 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. Tex. Water Development Board water-level observation well. 2
306	do.	--	--	245	N	--	3790	--	--	N	N	Destroyed test hole, approximate location; limestone at 20 feet.
1/ 307	do.	W. L. Stratton	1964	--	20	Pc	3788	183.9 187.4	4- 6-65 2- 9-72	T	N	Unused irrigation well; cased to 269 feet; gamma-ray log, probe reached bottom at 420 feet.
308	do.	--	--	290	N	--	3762	--	--	N	N	Destroyed test hole, approximate location; limestone at 180 feet.
309	do.	--	--	360	N	--	3690	--	--	N	N	Destroyed test hole, approximate location; no limestone encountered.
310	do.	--	--	400	N	--	3710	--	--	N	N	Destroyed test hole, approximate location; no limestone encountered.
311	do.	--	--	140	N	--	3770	--	--	N	N	Destroyed test hole, approximate location; limestone at 90 feet.
1/ 312	do.	-- & Continental Geophysical Co.	old & 1965	480	N	Pc	3865	231.8	5-10-65	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 Co.	1965	480	N	Pbcd?	3810	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,Pcf	3775	167.9	do.	N	N	Destroyed test hole, approximate location; bedrock at 207 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	3780	179.7	5-15-65	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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet).	Date of measurement			
HL-47-17-316	Amarex, Inc.	--	1965	1073	10	--	3780	--	--	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 1046 feet.
317	do	Fireball Irrigation, Inc.	1965	600	18,16	Pc	3762	163.3 162.6 165.4	10-28-65 2-26-73 2-11-74	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 2000 gal/cin and 58 gal/min/ft specific capacity in 1965; aquifer test, sample log; Tex. Water Development Board water-level observation well. 3/
318	do.	--	--	--	--	--	3777	178.1 179.8	2- 9-72 2-11-74	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 3500 gal/min; 10-inch discharge pipe.
319	do.	--	--	--	6	--	3801	196.2	2- 9-72	C	N	"Black John" well, unused stock well.
320	Six-Bar Cattle Co.	K. C. Wheeler, High Plains Drilling Co., & H. E. Stanton	1971	1170	16	Pbcd,Pcf	3870	267.0 270.7	2-27-73 2-12-74	N	N	East well of two unused irrigation wells; shallow bedrock(?), limestone at 420 and 550 feet; cased to 560 feet, open hole below. Reported 230 gal/min and 1.5 gal/min/ft specific capacity in 1971; sample log.
321	do.	H. E. Stanton	1971	1120	16	Pbcd,Pcf	3862	267.1	5-17-72	N	N	West well of two unused irrigation wells; shallow bedrock(?), limestone at 520 feet; cased to 545 feet, open hole below. Reported 1600 gal/min and 200 gal/min/ft specific capacity in 1971; sample, gamma-ray, and neutron logs.
322	do.	--	1960	600	7	Pbcd	3847	252.7	do.	N	N	Unused stock well; shallow bedrock; cased to 253 feet. 3/
601	G. L. Bronson	--	--	200	16	QTal, Pbcd?	3722	122.2 123.5 97.6	1-26-60 2-10-72 2-12-74	N	N	North well of two unused irrigation wells, drilling rig abandoned over well (during deepening?); cased to 200 feet. Reported 1000 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. Tex. Water Development Board water-level observation well.
602	do.	--	--	200	16	QTal, Pbcd?	3706	102.6 110.5 111.8	2- 7-61 2-10-72 2-12-74	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?	3722	135.0 127.8	2-10-72 2-12-74	T	N	South well of two unused irrigation wells; gamma-ray log, probe reached soft bottom at 158 feet.
PD-47-17-605	Amarex, Inc.	--	--	--	--	QTal	3639	29.1	do.	C,W	S	Probably about 50-55 feet deep, based on sounding with a weighted tape.

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 Bolton--Continued

Well	Owner	Driller	Date completed	Depth of well (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (+) or below land surface datum (feet)	Date of measurement			
HL-47-17-606	Amarex, Inc.	--	--	--	--	--	3697	97.3	2-10-72	C	N	"Hardluck" well, unused stock well.
607	do.	North American Royalties, Inc.	1972	1750	10	Pbcd, Pba?	3890	--	--	C,W	S	Oil test, North American Royalties, Inc., Potter no. 1 drilled to 5400 feet and plugged at 1750 feet for a water well; cased to 1135 feet, open hole below; water-bearing zones reported at 530, 546, 618, 635, 886, 1180, 4332, and 4357 feet; water level 306.9 feet while pumping 2-3 gal/min; field specific conductance, 1800 umho/cm.
902	do.	--	--	--	5	--	3636	--	--	C,W	S	
903	do.	--	1965	450	15	QTal, Pbcd?	3736	114.1 124.9 123.0	5- 8-65 2-10-72 2-12-74	N	N	Formerly State well no. HL-47-18-701, unused irrigation well; cased to 450 feet. Estimated 1260 gal/min and 9 gal/min/ft specific capacity in 1965; aquifer-test data; gamma-ray log, probe reached bottom at 408 feet. Tex. Water Development Board water-level observation well. 2/
904	do.	Fireball Irrigation, Inc.	1966	400	16	QTal, Pbcd?	3748	140.4	4-26-73	N	N	Formerly State well no. HL-47-18-704, unused irrigation well; cased and perforated to 400 feet, partially gravel packed. Reported 1500 gal/min and 16 gal/min/ft specific capacity; partial sample log for this well indicates total depth 985 feet or more?
18-101	Six-Bar Cattle Co.	--	1930's	500?	--	Pbcd	3940	--	--	C,E	N	Unused domestic and stock well.
201	do.	--	--	750	--	Pbcd	4337	--	--	S,E	S	"Rock Tank" well; field specific conductance 1580 umho/cm in 1972; 50 feet of water reported in well in 1971.
301	do.	--	--	1185	--	Pbcd	4610	--	--	S,E	S	"Canyon Mill" well; 60 feet of water reported in well in 1971.
401	Amarex, Inc.	--	--	--	--	--	3866	--	--	C,W	N	Unused stock well.
402	Six-Bar Cattle Co.	Paul Gooden	1970	1200	12	Pbcd	3945	357R	11-23-71	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 1450 umho/cm in 1972.
404	Amarex, Inc.	--	--	--	16	QTal, Pbcd?	3825	223.7 225.3	2-11-72 2-12-74	N	N	Unused irrigation well; gamma-ray log, probe reached bottom at 580 feet.
705	do.	Fireball Irrigation, Inc.	1966	600	16	QTal, Pbcd?	3762	162.7	2-10-72	C,W	S	Irrigation well equipped with a windmill for stock supply. Cased to 600 feet and perforated. Reported 1500 gal/min and 16 gal/min/ft specific capacity in 1966; sample log indicates total depth 535 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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ HL-47-18-706	Amarex, Inc.	Fireball Irrigation, Inc.	1966	400	16	QTal, Pbcd?	3774	171.8	2-10-72	N	N	Unused irrigation well; cased to 400 feet, perforated and gravel packed. Reported 1500 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?	3785	185.4 181.3	do. 2-12-74	N	N	Unused irrigation well; gamma-ray log, probe reached bottom at 404 feet.
801	--	--	--	--	8	--	3915	--	--	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. W. Demeret	--	1957 & 1973	820	12,10,8	Pbcd?	4300	698R	1960	S,G	D,S	Formerly supply for EPNG "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/
PD-47-25-401	Wesley West	--	--	72	8	QTal	3650	48.0	3-29-72	C	N	"Cureton" windmill, unused, poor water quality reported.
1/ 801	do.	--	--	457	--	Pbcvp?	3953	351R	1965	S,E	S	"Fence-line" well.
802	do.	--	--	--	4	QTal?	3755	144.1	3-28-72	N	N	Unused stock well, approximate location; tape reached bottom at 150? feet.
8/ HL-47-25-901	do.	--	--	459	5	Px	4038	442R	1965	C	N	South of two wells called "Apache" wells; good water quality reported.
903	do.	--	1972	566	--	Px	4067	480R	1972	C,W	S	Field specific conductance of water in tank, 2650 umho/cm.
1/ 26-101	do.	--	--	--	--	QTal	3636	--	--	C,W	S	"Wimberley" windmill; tape reached bottom at 60? feet; water level about 34 feet while pumping 1-5 gal/min.
1/ 102	do.	--	--	116	6	QTal	3683	80.4	3-30-72	C,W	S	"Aeromotor" or "West" windmill.
1/ 701	do.	--	--	104	7	QTal	3674	87.5	2-27-73	C,W	S	"Sixmile East" well, two abandoned windmills just to the west.
1/ 901	W. B. Blakemore	--	--	200	3	QTal	3786	201.8	5- 3-72	C,W	S	"Sand" well.
27-401	W. T. Posey	--	--	440	--	Pbcd	3995	375R	1972	C,G	S	"Roberts Camp" well; field specific conductance of water from tank 5200 umho/cm.
33-301	Figure 2 Ranch	--	--	286	7	Px	3832	237R	3-30-72	C,G	S	
34-101	do.	--	old	--	6	QTal	3593	14.2 16.3	6-14-50 5-18-72	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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ HL-47-34-102	Figure 2 Ranch	--	old	49	6	Qal	3638	49.6	11-30-72	C,W	S	Called "Stevens" well.
1/ 103	do.	--	--	92	6	QTal	3655	73R	1965	C,W	S	Owner's "house" well.
104	do.	--	--	--	8	QTal	3655	76.6	5-29-72	S,E	S	
105	do.	--	1972	210	5	QTal	3678	99.8	2-27-73	N	N	
201	Corn Ranch	--	--	103	--	QTal	3640	46.4	5- 3-72	C,W	S	
1/ 301	do.	--	--	--	--	QTal	3719	149.6	5- 2-72	C,W	S	Water is very hard and gypsy.
401	Figure 2 Ranch	--	--	182	--	QTal	3681	104R	1965	S,E	D,S	Called "Snake" well; specific conductance, field test, 1230 umho/cm.
601	Corn Ranch	Texaco, Inc. (Capitan Drilling Co.)	1966	5060	--	--	3682	--	--	--	--	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	3682	95.6	4-21-72	N	N	Supplied water for drilling oil test HL-47-34-601. Reported water sands at 135-138 feet (gypsy) and 270-300 feet.
701	do.	--	--	160	6	QTal	3716	146.2	5- 3-72	N	N	Called "Five-mile" well.
702	do.	--	--	--	--	QTal	3716	--	--	S,E	S	do.
703	do.	U.S. Geological Survey	1973	13	--	Qal	3568	8.4	11-28-73	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 (3564 feet).
1/ 901	do.	--	old	128	6	QTal	3684	68.3 69.6	4-21-72 12-18-72	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	3790	--	--	C,W	S	Called "John's" well.
1/ 301	do.	--	--	--	6	Pbcd	3950	--	--	C,W	S	Called "Ocotillo" well.
1/ 701	do.	--	old	140	5	QTal	3696	101.8 99.6	6- 6-50 12-19-72	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	3587	23.4	5-23-73	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	Pf	3700	129R 130.2	1969 12-19-72	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/

See footnotes at end of table.

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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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ HL-47-42-701	W. S. Houston, et al.	--	1964	--	6	QTal, Pt	3806	240.5	12-20-72	S, E, I	S	
901	Corn Ranch	--	--	500	5	P	3878	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	3674	60.0 59.9	3-30-72 12-19-72	C, W	S	Owner's "Brush" well. Water is hard and gippy.
201	J. N. Johnson Est.	--	old	280	5	QTal, Pbcd	3820	248.75 255.26	6-30-50 3-30-72	C, W, S	--	Called "Stark North" well. Former Tex. Water Devel. Board water-level observation well.
1/ 202	Daniel Floek	--	1953	550	16	QTal, Pbcd	3784	223.54 234.45 242.45	1-21-54 1-24-64 12-12-72	T, G	Irr	Formerly State well no. HL-47-43-301; Tex. Water Devel. Board water-level observation well. 2/
203	do.	--	1955	300	16	QTal, Pbcd	3762	194.45 211.23	1-23-56 12-12-72	N	N	
501	F. A. Davis	Wesley West & Armour	1959	8202	--	--	3690	--	--	--	--	Oil test. W. West and Armour Davis no. 1 (reported top of Permian Guadalupe at 1230 feet). Electric log shows high resistivity.
502	Daniel Floek	--	old	190	6	QTal	3720	154.02 154.58	1-29-53 12- 4-72	C, W	N	Interval (reef limestone) 1650-2320 feet; sonic, gamma-ray and sample logs; unused stock well. Tex. Water Devel. Board water-level observation well.
1/ 503	do.	Stratton & Foster	1956	578	14	Pbcd	3784	251.1	3-30-72	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. Bosch Est.	--	--	350	6	Pc?	3835	285.0 298.8 300.3	1-19-56 1-17-71 12- 4-72	C, W	S	Owner's "Myrtle" well.
1/ 701	Watson Ranch	--	old	173	5	QTal	3687	131.31 143.56 143.25	1-29-53 12- 8-71 3- 6-72	C, W	S	"Watson" well. Tex. Water Devel. Board water-level observation well. Discharged 1-1/2 gal/min 3-6-72. 2/
702	do.	--	old	160	6	QTal	3665	117.8	12-19-72	C, W	S	"Hammet" well.
801	do.	--	--	195	5	QTal	3698	137.92 139.69 141.57	1-29-53 1- 6-63 12-12-72	C, W	S	Called "Lower Bean" well. Tex. Water Devel. Board water-level observation well. Specific conductance, field test, 3800 umho/cm.
802	do.	--	--	--	14	QTal	3689	142.35 141.69 141.36	1-23-70 12- 8-71 12- 4-72	P, G	S	Tex. Water Devel. 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 Nelson--Continued

Well	Owner	Driller	Date completed	Depth of well (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (+) or below land surface datum (feet)	Date of measurement			
HL-67-44-701	Elcor Chemical Corp.	--	1968	468	6	Pc	3887	353.0 350.9 353.2	11-24-70 2-17-71 3-6-72	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	3997	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, 4500 umho/cm. <u>3/</u>
51-101	Watson Ranch	--	old	210	6	QTal	3706	156.26 161.50 168.72	1-29-53 2-8-61 12-12-72	C,W	S	
y 301	Myrtle R. Rosch Est.	--	--	150	5	QTal	3674	80R	1971	C,W	S	"Lower" well. At old Durrill line camp.
401	Watson Ranch	--	old	--	6	QTal	3760	207.77 220.69 231.00	1-29-53 2-6-63 3-29-72	C,W	D,S	"Headquarters" well. Specific conductance, field test, 1280 umho/cm.
402	D. V. & D. W. St. Clair	--	1957	525	14	QTal	3722	--	--	T,Ng	Irr	
y 501	Pansy D. Clegg	--	--	187	5	QTal	3702	151.56 159.60 168.90	5-11-50 1-28-60 12-13-72	C,W	S	"Medley Double" wells. Tex. Water Development Board water-level observation well. Discharging 3 gal/min 12-13-72. <u>2/</u>
y 502	do.	R. A. Foster	1963	302	6	QTal	3687	137.8 139.0	2-11-71 4-12-72	C,W	S	"Wildhorse Creek" well. Casing, 8-inch to 154 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. <u>3/</u>
503	State (U.S.)	Stratton & Foster	1945	404	14	QTal	3713	--	--	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.
y 601	Buelah D. Eepy	--	1940's	200	5	QTal	3702	158.0	2-17-71	C,W,G	S	"North" well.
602	do.	Elcor Chemical Corp.	1968	179	6	QTal	3710	165.6 165.8	2-16-71 4-12-72	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.
y 701	Wildhorse Farms	Earl Fisher	1960	955	16	QTal	3732	200.8	12-12-72	T,Ng	Irr	Owner's well no. 15. Casing slotted 302-950 feet, gravel packed. Reported pumping levels of 2-8 and 310 feet, discharging 1250 and 2100 gal/min, respectively, when drilled. Measured discharges, 1090 gal/min 7-18-67, 980 gal/min 4/30/68, and 1550 gal/min 3-21-72. <u>3/</u>

See footnotes at end of table.

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

Well	Owner	Driller	Date completed	Depth of well (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (+) or below land surface datum (feet)	Date of measurement			
1/ HL-47-51-702	Wildhorse Farms	Earl Fisher	1959	1045	16	QTal	3739	188	8- 5-60	T,Ng	Irr	Owner's well no. 7, gravel packed. Set 320 feet 12-inch column pipe. Reported drawdown of 53 feet, pumping 2800 gal/min for 24 hours in 1959. Discharged 1430 gal/min 4-19-73.
703	C. D. Hunter	--	1949	500	16	QTal	3753	194.96 211.20 218.00	7-16-49 2- 9-61 12-11-72	T,N	N	Former Tex. Water Development Board water-level observation well. 2/
1/ 704	Wildhorse Farms	--	--	4507	16	QTal	3732	179.05 199.15	1-27-53 1-28-70	T,Ng	Irr	Owner's well no. 5. Discharged 1880 gal/min 3-28-72, and 1700 gal/min 4-19-73. Tex. Water Development Board water-level observation well.
1/ 705	do.	R. A. Foster	--	525	16	QTal	3749	238.3	3-27-72	T,N	N	Owner's well no. 26.
706	A. J. Schneider Trust	--	--	500	14	QTal	3740	200.0 201.64 201.63	1-19-67 10- 4-72 3- 9-73	N	N	Drilled for irrigation. Reported 16-inch casing collapsed. Installed 14-inch liner. Tested at 300 gal/min and abandoned. Tex. Water Development Board water-level observation well.
1/ 707	D. V. & D. W. St. Clair	--	1952	476	16	QTal	3730	177.78 192.4 197.33	1-27-53 2-16-66 12-12-72	N	N	Formerly State well no. HL-47-51-403. Discharged 1850 gal/min 8-10-66; gamma-ray log; reported well was abandoned after water became salty. Tex. Water Development Board water-level observation well.
2/ 708	Wildhorse Farms	Earl Fisher	1960	600	16	QTal	3751	200R 216.0	5-12-60 3-28-72	T,N	N	Owner's well no. 6. Discharged 540 gal/min 7-18-67. 3/
1/ 709	do.	--	--	240	14	QTal	3744	194.94 211.05 213.65	1-27-53 1-16-68 12-13-72	N	N	Owner's well no. 27. Tex. Water Development Board water-level observation well.
1/ 710	do.	Earl Fisher	1960	746	16	QTal,Kcf	3751	213.6 215.2	3-28-72 11-12-72	N	N	Formerly State well no. HL-47-51-402; owner's well no. 9, drilled to 1096 feet. Log shows shale, sand, and gravel to 696 feet; gravel, boulders, and white hard sand 696-722 feet; lime, gypsum, and conglomerate 722-1096 feet. Set 746 feet of casing with 450 feet of slots. Measured discharge, 1880 gal/min 8-10-66, 1550 gal/min 7-10-67, and 1670 gal/min 8-8-68. 3/
711	A. J. Schneider Trust	--	--	--	14	QTal	3743	231.5 229.4	3-28-72 12-21-72	T,Ng	Irr	Discharged 750 gal/min 4-19-73.
1/ 712	do.	--	--	--	14	QTal	3742	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	3751	230.5	3-28-72	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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ HL-47-51-714	Wildhorse Farms	--	--	--	--	QTal	3722	189.0	3-27-72	T,Ng	Irr	
1/ 801	do.	--	--	400	16	QTal	3718	167.05 184.87 194.02	1-27-53 2-6-63 12-13-72	N	N	Owner's well no. 10. Tex. Water Development Board water-level observation well.
1/ 802	J. E. Beasley	--	--	414	14	QTal	3722	176.03 189.92 194.0	1-21-54 2-6-63 12-13-72	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. Tex. Water Development Board water-level observation well.
1/ 803	do.	--	--	384	16	QTal	3725	171.84 186.56 191.62	1-27-53 2-6-63 12-13-72	N	N	Tex. Water Development Board water-level observation well.
1/ 804	Wildhorse Farms	--	--	450	16	QTal	3731	178.84 198.03 208.24	1-27-53 1-24-64 12-4-72	N	N	Owner's well no. 2. Tex. Water Development Board water-level observation well. Measured discharges, 1000 gal/min 8-10-66, 1130 gal/min 7-11-67, and 620 gal/min 8-13-68.
1/ 805	do.	--	--	--	14	QTal	3732	182.30 188.60	1-23-56 2-8-61	N	N	Former Tex. Water Development Board water-level observation well.
1/ 806	M. O. Webb	--	1958	457	16	QTal	3737	217.15 221.25	1-19-67 2-12-71	T,Ng	Irr	Measured discharge, 1470 gal/min 8-10-66, 1270 gal/min 7-18-67, 1510 gal/min 8-13-68, and 1060 gal/min 4-19-73. Tex. Water Development Board water-level observation well.
1/ 807	do.	Fred Scroggins	1957	498	16	QTal	3730	185R 204.9 197.9	5-23-57 3-27-72 12-13-72	N	N	Casing slotted 253-498 feet; gamma-ray log; development test 5-23-57, drawdown of 48 feet, pumping an average of 1170 gal/min for 18 hours. 3/
808	J. E. Beasley	--	--	400	14	QTal	3726	192.6	do.	T,Ng	Irr	Discharged 590 gal/min 4-12-72.
809	Wildhorse Farms	--	--	--	14	QTal	3739	219.0	3-27-72	T,Ng	Irr	Owner's well no. 28. Discharged 900 gal/min in 1967.
901	Tiny Smith Est.	--	--	--	16	QTal	3744	189.93 209.59	1-22-55 12-13-72	N	N	Former Tex. Water Development Board water-level observation well.
1/ 902	do.	--	1951	500	16	QTal	3754	199.9 220.80 223.38	1-29-53 2-6-63 12-13-72	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. Tex. Water Development Board water-level observation well.
903	do.	--	--	355	16	QTal	3753	224.3 222.8	4-12-72 12-13-72	N	N	Unused irrigation well.
1/ 904	Mrs. Buelah Espy	--	1941	250	6	QTal	3764	229.8	2-11-71	C,W,E	D,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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
HL-47-51-905	Mrs. Bushah Eapy	West Texas Explor. Co.	1972	580	--	--	3760	233	7-19-72	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. <u>3/</u>
906	do.	do.	1972	120	--	--	3775	--	--	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. <u>3/</u>
907	do.	do.	1972	755	--	--	3754	--	--	N	N	Test hole, Annesley no. 5. Driller's log indicates clay, sand, and gravel to total depth, partial sample log. <u>3/</u>
52-101	C. G. Durrill Est.	--	1969	350	12	Pc	3815	286.3 290.6	11-24-70 4-4-72	T,M	N	Drilled to supply water for construction of FM 2185.
102	Elcor Chemical Corp.	Continental Geophysical Co.	1966	200	--	--	3840	--	--	N	N	Test hole, Elcor no. 1. Log shows soil, sand, and gravel to 55 feet; hard pink sandstone 55-200 feet. <u>3/</u>
201	do.	H. H. Virpeu	1966	773	7	Pc	4218	675R	12- -66	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. <u>3/</u>
301	do.	Woolfolk Engineering Co.	1968	1713	18	Pc	4548	1008R 1017R 1014R 1017R	6- -68 6- -69 1- -70 12- -73	S,E, 500	N	Owner's well no. 2. Drilled to 1713 feet, set 18-inch casing to 1163 feet and cemented with 5 yards. Acidified open hole from 1163-1722 feet with 20,000 gallons 28% HCl. Set 6-inch column pipe and 18 stages, 10-inch bowls at 1168 feet. Development test by W.H.B. Pump Co., Midland, Tex., June 1968, draw-down of 82 feet, discharging 397 gal/min for 2-1/2 hours.
401	do.	--	--	250	6	QTal	3767	235.1	4-4-72	C,W	S	Formerly supplied Jones Ranch headquarters.
402	do.	Continental Geophysical Co.	1966	695	--	--	3798	254R	2-10-66	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. <u>3/</u>
501	do.	do.	1966	442	--	--	3782	236R	2-11-66	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. <u>3/</u>
601	do.	Woolfolk Engineering Co.	1968	1421	--	Pc	4587	1051R 1043R 1043R	1- -68 6- -69 12- -73	T,E, 500	N	Owner's well no. 1. Drilled 1421 feet, set 18-inch casing to 1266 feet. Open hole 1266-1421 feet. Acidified with 17500 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.

See footnotes at end of table.

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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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (+) or below land surface datum (feet)	Date of measurement			
1 HL-47-52-602	Elcor Chemical Corp.	Woolfolk Engineering	1968	1560	18	Pc	4594	1062R 1068R 1068R	3- -68 7- -68 12- -73	S,E, 500	N	Owner's well no. 3. Drilled 20-inch hole to 1256 feet. Set 1241 feet 18-inch casing, drilled 17-inch hole to 1303 feet and 12-1/2 inch from 1303-1500 feet. Acidified with 20,000 gallons of 28% HCl. Reported drawdown of 87.8 feet, pumping 1100 gal/min for 27 hours July 26-27, 1968; partial sample log; aquifer test data.
801	do.	--	1969	--	--	P	3873	340.7 341.68 341.99	10- 5-70 3- 5-72 1- 8-73	T,G	S	Drilled to supply water for construction of FM 2165. Converted to stock well.
802	do.	Continental Geophysical Co.	1966	655	--	--	3791	275R	3- 2-66	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	3255	--	--	3830	--	--	--	--	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 33-401	J. B. Foster	Humble Oil & Refining	1944	--	6	Pc	5060	1520R 1570R	1960 1970	P,E,10	S	Humble Oil & Refining Co. Reynolds Cattle Co. no. 5-1. Drilled to 5411 feet as oil test, plugged back and converted to water well. Bedrock (sandstone) at 90 feet. 3/
701	do.	--	1953	915	7	Pc	4430	906R	1960	G,W	S	
1 73-47-57-401	Tom Sawyer	--	1950's	257	10	QTal	4526	106.1	10- 7-72	C,E,3/4	D,S	Discharged 6 gal/min 10-6-72.
402	do.	--	old	--	4	PE	4673	--	--	C,W	S	Discharged 3 gal/min 10-4-72. Reported dependable supply and good quality.
403	do.	--	1948	110	6	QTal	4526	106.2	10- 7-72	N	N	Well caved at 110 feet.
501	H. B. Mann	--	1940's	400	6	PE	4521	75.0	11-28-72	C,W	S	
502	Tom Sawyer	--	1940's	80	8	PE	4598	19.6	12-14-72	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	4470	48.5	10- 4-72	C,G	D,S	Pumping 4 gal/min 10-4-72.
702	do.	--	1940's	84	10	QTal	4472	46.3	do.	C,W	S	Pumping 2 gal/min 10-4-72.
703	do.	--	1940's	180	6	PE	4560	47.7	do.	C,W	D,S	Pumping 2 gal/min 10-4-72.
801	do.	--	1940's	160	6	PE	4578	29.9	do.	C,W	S	Pumping 2 gal/min 10-4-72.

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below(-) land surface datum (feet)	Date of measurement			
PD-47-57-802	Tom Sawyer	--	1890's	6	6	PE	4623	F	10- 5-72	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	4380	51.4	11-29-72	C,W	S	
HL-47-57-901	do.	--	1942	625	5	QTal	4142	500+	11-17-72	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	4364	40.7	11-28-72	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	4325	69.6 70.2	7-30-43 12-12-72	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.
904	W. H. McVay	--	1930's	87	6	PE	4260	37.2	12-13-72	C,W	S	Pumping 3 gal/min 12-13-72.
58-301	Howard C. Chapman	Wheeler Cess	1960	904	16	QTal	3833	284.1 291.1 292.7	2- 9-61 6- 5-70 12-20-72	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	3894	355.6	3- 9-72	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	3880	339.6	do.	N	N	Owner's well no. 3. Perforated 290 feet of casing. 3/
304	do.	do.	1960	700	14	QTal	3870	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	4045	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	4045	--	--	T,R,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/
503	do.	--	1931	602	12	QTal	4055	490R 504.8	5- -44 10- 4-73	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.

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
HL-47-58-504	City of Van Horn	Layne Texas Co.	1948	588	12	QTal	4058	490R 505.6	8- -48 10- 3-73	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	4033	474R 477.8	1964 12-18-72	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/
506	do.	Big Three Machine & Supply, Inc.	1973	808	14	QTal	4058	503	6-23-73	T,E,100	P	New city well no. 2 (Thrift well), driller reported hard rock at 810 feet. Set 14-inch casing to 805 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 630 feet of 8-inch column pipe and 15 stages of 8-inch bowls. Water level recovered 22.5 feet in 8 days after pumping 4-2 gal/min in June 1973. Reported 27 foot drawdown pumping 530 gal/min intermittently in Sept. 1973. 3/
601	Howard C. Chapman	Ralph Bradley	1960	726	14	QTal	3905	363.85 365.21 364.49	6- 5-60 3- 9-72 12- 4-72	N	N	Drilled 20-inch hole, set 14-inch casing with 2-1 feet of perforations, gravel packed. Reported tested at 950 gal/min. Tex. Water Development Board water-level observation well. 3/
602	Gorman Welch	Owner & Cook Drilling Co.	1972	648	14	QTal	3925	385R 388.8	3- -72 9-19-73	T,C	Ind, Irr	Drilled to 442 feet by owner, deepened to 648 feet by Cook Drilling Co. Reamed to 20-inch hole, set 6-8 feet 14-inch casing, slotted 385-648 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.

See footnotes at end of table.

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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 Bolton--Continued

Well	Owner	Driller	Date completed	Depth of well (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ HL-47-58-603	Culberson County Airport	Xans Corp.	1974	--	--	--	3915	--	--	N	N	U.S. Geological Survey Culberson County Airport no. 1 water test hole. Drilled clay, sand, and gravel from surface to 1145 feet; well cemented conglomerate (base of alluvial fill) 1145-1205 feet; and poorly to well cemented sandstone 1265-1306 feet (cretaceous Cox Formation). Progressively plugged back and jotted water samples from intervals 1083-1115 feet, 1205-1237 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	3998	--	--	T,E,75	Irr	Drilled to 1500 feet, reported alluvium to 1200 feet, hard rock and mica from 1200-1500 feet. Plugged back and set casing to 572 feet, perforated 380-572 feet. Reported weak well.
702	do.	Jim Barrow	1969	600	14	QTal	4002	445.9 446.9	3- 7-72 1-10-73	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.
703	Mrs. H. B. Mann	Cook Drilling Co.	1972	725	10	QTal	4140	559.6 563.5	11-17-72 9-19-73	N	N	Drilled to supply water for highway construction. Reported insufficient yield. 3/
901	Dr. B. C. Lipsy	R. A. Foster	1960	327	6	QTalT	3875	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	3882	330R 341.1	1956 1-23-70	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. Tex. Water Development Board water-level observation well.
1/ 59-101	C. C. Brookshier	--	1952	625	16	QTal	3766	212.96 228.19 244.43	1-29-53 2-10-62 12- 4-72	T,Ng	Irr	Casing perforated 425-625 feet. Discharged 360, 575, and 510 gal/min 8-10-66, 7-18-67, and 4-30-68, respectively. Tex. Water Development Board water-level observation well.
1/ 102	J. W. (Dub) Wooten	Brewster Bros.	1960	542	16	QTal,K	3787	244.0 258.2	5- 4-61 12-12-72	T,Ng	Irr	Casing perforated 240-511 feet in alluvium. Open hole 511-542 feet in limestone. Drawdown of 41 feet pumping 1100 gal/min for 13 days in May 1961; gamma-ray and neutron logs; aquifer-test data.
103	H. & M. H. Hall	L. W. Stratton	1950	950	--	QTal,K	3793	238.1	1-27-53	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 598-930 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 Wilson--Continued

Well	Owner	Driller	Date completed	Depth of well (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (+) or below land surface datum (feet)	Date of measurement			
1/ HL-47-59-104	C. C. Brookshier	L. W. Stratton	1952	660	16	QTal	3773	221.27 235.78 253.79 240.68	1-27-53 1- 6-63 12- 4-72 12-21-72	T,Ng	Irr	Casing perforated 460-660 feet. Discharged 1150 and 720 gal/min 7-18-67 and 4-30-68, respectively. Tex. Water Development Board water-level observation well.
105	do.	--	--	615	16	QTal	3767	213.94 223.42 232.22	1-29-53 2- 9-61 12-21-72	N	N	Casing perforated 415-615 feet. Former Tex. Water Development Board water-level observation well. 2/
1/ 106	A. F. Walker	--	--	--	14	QTal	3752	198.75 214.07 220.88	1-27-53 2- 6-63 3-21-72	N	N	Discharged 644 gal/min 7-18-67. Tex. Water Development Board water-level observation well.
1/ 107	C. C. Brookshier	H. E. Stanton	1970	600	16	QTal	3767	218.82 224.65 236.13	1-24-54 1-15-58 12-21-72	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 Tex. Water Development Board water-level observation well. 3/
1/ 108	Lee Talley	--	--	500	16	QTal	3762	229.4 227.6	3-22-72 12-22-72	T,Ng	Irr	Reported 28 feet of drawdown pumping a full 10-inch pipe.
1/ 109	do.	Brewster Bros.	1960	536	16	QTal	3775	234.5 241.8 241.8	2-10-61 3-21-72 12-12-72	N	N	Casing perforated 240-536 feet. Reported limestone at 536 feet.
32 1/ 110	C. C. Brookshier	- Geaslin	1916	1200	10	QTal	3780	--	--	C,E,l	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 1200 feet.
111	J. W. (Dub) Wooten	Brewster Bros.	1967	544	16	QTal	3788	354.0	12-22-72	T,Ng	Irr	Casing perforated 160-521 feet.
1/ 112	Lee Talley	--	--	600	14	QTal	3757	224.0	3-22-72	T,Ng	Irr	
1/ 113	Jess Tabor	- Walker	1951	490	16	QTal	3756	222.0	12-21-72	T,Ng	Irr	Formerly state well no. HL-47-51-707; casing perforated 400-475 feet. Discharged 590, 673, and 660 gal/min 8-10-66, 7-18-67, and 4-30-68, respectively.
114	P. S. Hall	--	--	587	16	QTal	3783	250.4	12-23-72	N	N	Unused irrigation well; gamma-ray and temperature logs. 3/
1/ 201	do.	L. W. Stratton	1951	552	16	QTal,KI	3775	221.39 230.69 236.57	1-24-54 5-17-61 12-22-72	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. 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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ HL-47-59-202	F. L. Dahlstrom	L. W. Stratton	1950	500	6	QTal,K7	3774	220.00 226.23	3- 3-51 1-15-58	N	N	Destroyed stock well. Former Tex. Water Development Board water-level observation well. 3/
1/ 203	Stephens & Hall	--	1950	550	16	QTal,K7	3775	218.91 231.99 240.92	5-11-50 2- 9-62 12-22-72	T,Ng	Irr	Tex. Water Development Board water-level observation well. 2/
1/ 204	Wildhorse Farms	--	--	--	--	QTal,K7	3772	212.02 220.70	5-11-50 1-23-56	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 1530 gal/min 4-19-73. Former Tex. Water Development Board water-level observation well.
205	do.	Poster & Lancaster	1952	550	16	QTal,K7	3773	227.37 233.90	1-27-60 1-27-65	T,Ng	N	Owner's well no. 22. Casing perforated 235-245 feet and 340-356 feet. Former Tex. Water Development Board water-level observation well.
206	F. S. Hall	--	1951	599	16	QTal,K7	3786	230.96 245.26 252.88	3- 3-51 2- 6-63 12-22-73	S,E	D	Drilled for irrigation. Converted to domestic supply. Reported blue shale 552-562 feet and limestone 562-599 feet. Tex. Water Development Board water-level observation well.
1/ 207	do.	--	1950	550	16	QTal,K7	3778	243.3	12-22-72	T,Ng	Irr	
1/ 208	Wildhorse Farms	--	--	406	16	QTal,K7	3757	218.08 221.97	1-19-67 12-22-72	N	N	Tex. Water Development Board water-level observation well. Discharged 683 and 610 gal/min 7-16-67, 4-30-68.
1/ 209	Southwest Land Corp.	Big Three Machine & Supply, Inc.	1971	612	12	K	3790	260R	11- -71	S,E 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 133 gal/min with 40 psi (92.4 feet) pressure at 380 feet. Drawdown of 27.6 feet. 3/
1/ 210	F. S. Hall	--	--	--	14	QTal,K7	3772	--	--	T,Ng	Irr	Estimated discharge 500 gal/min 7-18-67.
1/ 211	Wildhorse Farms	--	--	--	14	QTal,K7	3766	--	--	T,Ng	Irr	Owner's well no. 24.
1/ 212	do.	--	1952	387	16	QTal,K7	3762	205.1 226.6	3- 8-52 12-22-72	T,N	N	Owner's well no. 25.
213	do.	--	--	462	16	K	3784	249.8	3-22-72	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.

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
HL-47-59-214	Hugh Wolfe	Astec Explor. Co.	1969	500	N	--	3792	255R	3- -69	N	N	Owner's test hole no. 1. Base of alluvium estimated from sample log at 460 feet.
1/ 301	D. H. Brewster	L. W. Stratton	1950	410	16	QTal,K7	3774	218.34 233.44 242.08	3- 3-51 2-10-62 3-23-72	N	N	Tex. Water Development Board water-level observation well. 2/
1/ 302	do.	R. A. Foster	1953	500	16	QTal,K1	3792	238.90 250.60 256.38	1-22-55 1- 1-65 12-22-72	T,Ng	Irr	Discharged 680, 741, and 650 gal/min 8-10-66, 7-18-67, and 4-30-68, respectively. Tex. Water Development Board water-level observation well.
1/ 303	W. H. & J. A. Mesmith	--	--	500	14	QTal,K7	3781	--	--	T,Ng	Irr	Discharged 430 gal/min 4-30-68.
304	F. I. Dahlstrom	--	--	--	--	QTal,K7	3787	231.34	3- 3-51	N	N	Drilled for irrigation; destroyed. Former Tex. Water Development Board water-level observation well.
1/ 305	Wildhorse Farms	--	1960	630	16	QTal,K	3781	236.5 250.2	5-29-61 12-22-72	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 1350 gal/min in 1972; measured discharge 1150 gal/min 4-19-73.
1/ 306	D. H. Brewster	R. A. Foster	1952	500	14	QTal,K7	3789	256.2 256.1	3-23-72 12-22-72	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	3776	242.7 242.3	3-23-72 12-12-72	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,K7	3785	250.1 252.2	3-23-72 12-22-72	T,Ng	Irr	
1/ 309	W. H. Seale Est.	--	1951	514	16	QTal,K1	3777	244.8	do.	T,Ng	D,S, Irr	Discharged 680 gal/min 3-23-72.
310	do.	--	--	381	16	QTal,K	3775	240	7-13-72	N	N	Gamma-ray and temperature logs. Base of alluvium estimated from gamma-ray log at 340 feet.
311	Hugh O. Wolfe	Astec Drilling Co.	1969	520	N	K7	3807	275R	3- -69	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 Tex. Explor. Co.	1972	290	N	--	3782	250R	7- -72	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. 2

See footnotes at end of table.

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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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
HL-47-59-313	Phil Rolston	--	1954	600	16	QTal,K?	3814	277R	3- -69	S,E,10	Irr,D	Irrigates nursery stock and supplies trailer house. Reported 150 gal/min maximum yield.
314	do.	--	--	550	16	QTal,K?	3811	269R 270.4	3- -69 1- 9-73	N	N	Reported tested at 50 gal/min, maximum yield.
315	San Marc. Corp.	--	--	325	14	K	3805	274R	3- -69	T,E	Irr	Reported started irrigating 4940 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	3905	360R	1960	S,E,3	Ind	Supplies office and drinking water at talc processing plant. Log shows caliche, clay, and gravel to 350 feet; yellow sandstone (cretaceous) from 350-400 feet. Casing perforated 330-400 feet, reported discharge 25 gal/min. <u>3/</u>
402	R. B. Durrill	R. A. Foster	1962	470	8	QTal,K?	3832	294R	7- -60	S,E,10	S	Casing, 16-inch to 20 feet; 8-inch, surface to 470 feet. Slotted 294-470 feet; reported pumps 65 gal/min. <u>3/</u>
501	University Lands	--	--	700	6	K	3805	269R 270.4 272.6	3- -68 2-24-71 1- 9-73	N	N	Reported top of limestone at 300 feet.
502	Hugh Wolfe	Astec Drilling Co.	1969	468	N	QTal,K	3792	249R	3- -69	N	N	Test hole Wolfe no. 2. Sample log.
503	Tex. Highway Dept.	Cook Drilling Co.	1972	681	10	K,P?	3880	--	--	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. Log shows clay, sand, and gravel to 203 feet. Limestone and shale 203-681 feet. Water from honeycomb lime, 438-440 feet. <u>3/</u>
601	Hugh Wolfe	--	old	--	6	QTal	3821	279.0	2-18-71	C,W	S	
602	University Lands (John Harper)	--	old	336	7	K	3866	325R 329.1	2- -68 2-18-71	N	N	Formerly supplied roadside park. Destroyed for construction of Interstate 10.
603	do.	R. A. Foster	1971	354	6	K	3850	316R	6- -71	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 250 gal/min for 2 hours when drilled. Designed pumping rate 3 3/4 gal/min. Log shows s-11, caliche, gravel, and red sandy shale to 285 feet. Yellow to white shale and soft sand rock (cretaceous) 285-341 feet. <u>3/</u>

See footnotes at end of table.

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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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
HL-47-59-604	Hugh Wolfe	Aztec Drilling Co.	1969	680	N	QTal	3823	275R	3- -69	N	N	Test hole Wolfe no. 4. Sample log indicates clay, sand, and gravel to total depth.
603	do.	do.	1969	210	N	--	3811	--	--	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.
901	Albert Ivy	- Payne	1936	700	5	P	4103	--	--	C,G	S	Called "Canyon" well.
60-101	W. & M. Stansberry	Duncan Sartain	1964	1601	N	--	3835	--	--	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 1022 feet.
102	Hugh Wolfe	Aztec Drilling Co.	1969	870	N	--	3820	--	--	N	N	Test hole Wolfe no. 7. Sample log indicates silty silt to 850 feet; white to yellow, sandy limestone (cretaceous) 850-870 feet.
103	do.	do.	1969	900	N	QTal	3808	259R	4- -69	N	N	Test hole Wolfe no. 6. Sample log indicates silty silt to total depth.
104	Beulah Espy	West Tex. Exploration Co.	1977	364	N	--	3792	--	--	N	N	Test hole Annesley no. 2. Sample log indicates silty 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.
201	Hugh Wolfe	Aztec Drilling Co.	1969	300	N	--	3881	--	--	N	N	Test hole Wolfe no. 8. Sample log indicates silt 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. F. Williams, et al	1942	1506	6	K1	3874	320R 338.3 339.3	1942 2-18-71 1- 9-73	N	N	Oil test S. F. Williams et al, J. O. Barfield no. 1. Converted to stock well. Unused in 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 560-1506 feet. <u>3/</u>
401	Evergreen Farms	--	old	360	6	QTal	3882	340	1968	C,E	S	
402	Lewis Bernat	--	1960's	517	16	QTal	3837	290.0 291.8	7-18-71 1- 9-73	N	N	Unused irrigation well.
403	do.	--	1960's	607	16	QTal	3839	293.9 295.6	2-18-71 1- 9-73	N	N	do.

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ HL-47-60-604	Evergreen Farms	Bippy Taylor	1970	620	16	QTal	3883	344R 345.95 349.65 352.74	4- -70 2-19-71 12-11-72 11-12-73	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 1120 gal/min for 24 hours.
405	do.	do.	1970	400	N	QTal	3873	333.0 335.9	1-23-71 12-11-72	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	Astec Drilling Co.	1969	839	N	QTal	3831	285R	3- -69	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	3859	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	QTal	3865	322.2	9-30-73	N	N	Reported drilled to supply pecan shoppe and gas station at this location.
409	Evergreen Farms	Bippy Taylor	1973	614	14	QTal	3858	--	--	N	N	Owner's well no. 15. Casing perforated 340-614 feet. Will be used for irrigation.
37 1/ 601	George Walker	R. A. Foster	1967	600	8	P	4042	500R	2- -73	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 1-6-232 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	P1	3990	--	--	C,W	S	Oil test West Coast Oil Co., McGregor no. 1. Converted to stock well.
1/ 603	George Walker	--	1942	600	6	P	4049	--	--	C,E	S	Reported weak well and gypsy water.
1/ 701	Evergreen Farms	Bippy Taylor	1970	660	16	QTal	3898	367R 365.9	11- -70 2-23-71	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 drawdown of 160 feet pumping 2200 gal/min and 93 feet pumping 130 gal/min for 24 hours. 3/
702	do.	--	old	400	7	QTal	3916	379.4	do.	C,E,2	D	
703	do.	Bippy Taylor	1971	640	16	QTal	3893	355R 359.1 365.2	12- -71 12-11-72 11-13-73	T,Ng	Irr	Owner's test hole and well no. 7. Drilled 2-inch hole, set 640 feet 16-inch casing, slotted 350-640 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/

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
HL-47-60-704	Evergreen Farms	Bippy Taylor	1973	670	16	QTal	3885	358.2	11-13-73	T,Ng	Irr	Owner's test hole and well no. 10. Casing slotted 360-670 feet, gravel packed. Reported tested at 1100 gal/min when drilled.
705	do.	do.	1973	640	16	QTal	3873	340.4	9-20-73	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	3873	340.2	11-12-73	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	3905	386.0	9-20-73	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	3885	365.1	do.	T,Ng	Irr	Owner's test hole and well no. 14. Casing slotted 375-614 feet. Gravel packed. Reported alluvium to total depth.
801	do.	do.	1970	640	16	QTal,K7	3905	371.3	2-11-72	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, and sandstone (cretaceous?) 620-640 feet. Reported strongest well on farm. 3/
802	do.	do.	1970	533	N	QTal	3912	370.3	2-23-71	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,K7	3908	374.24 376.05	12-11-72 11-12-73	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 645 feet. Hard sandstone, rock, tight sand and shale (cretaceous?) 465-645 feet. 3/
901	Cameron Lumber Co.	Quito Oil Co.	1941	945	--	--	4077	--	--	--	--	Oil test Quito Oil Co., Cameron Lumber Co. no. 1. Reported water at 550 feet (balled 2 barrels per hour); water from interval 603-657 feet (water level rose to 550 feet); and water at 894 feet.
61-401	Reynolds Cattle Co.	Geaslin	1908	577	6	P	4085	550R 550R	1943 12-15-62	C,W	S	Called "deep" well. Reported drilled to 600 feet, cleaned out to 577 feet by L. W. Stratton in 1902. Water from "rotten" places in limestone. Set 568 feet 2-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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
HL-47-61-402	Reynolds Cattle Co.	--	old	778	5	P	4218	670R	10- 4-63	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	4218	691R	3- 1-69	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	3616	3.2	10-30-75	N	N	U.S. Geological Survey auger hole on salt flats.
601	James Lynch	Pure Oil Co.	1948	907	--	--	3640	--	--	--	--	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	1120	--	--	3625	--	--	--	--	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	3636	21.9	11-14-73	C,W	S	Well 98 in Tex. Board Water Engineers Bull. 5004.
903	do.	--	old	12	--	Qal	3626	10.5	11-28-49	C,W	S	Well 99 in Tex. Board Water Engineers Bull. 5004, poor water quality reported.
16-301	do.	Pan-American Petroleum Corp.	1962	7060	--	Pa	3630	--	--	--	--	Oil test Pan American Petroleum Corp., Hammack no. 1, approximate location; water samples from drill-stem tests had 4021 ppm dissolved solids, 1220 ppm chloride and 1030 ppm sulfate at 3330-3401 feet; 6751 ppm dissolved solids, 1035 ppm chloride, and 2500 ppm sulfate at 4330-4410 feet; and 1780 ppm dissolved solids, 340 ppm chloride and 720 ppm sulfate at 5736-5752 feet.
805	Guitar Trust	--	1957	--	12	QTal	3625	22.5	10-29-75	N	N	Unused stock well.
1/ 23-901	Wesley West	--	--	--	8	--	3991	--	--	C,W	S	"Black Mountain" windmill.
1/ 24-201	do.	--	--	38	--	Qal	3625	20R	1965	C,W	S	"Cottonwood" windmill.
1/ 202	do.	--	--	--	6	--	3666	75.4	6- 5-73	C,W	S	"Graham" windmill.
1/ 203	Federal Aviation Agency	Layne-Texas	1960	535	8	Pbavp	3710	128.5	10-28-75	T,E	D	Used by National Park Service for seasonal employees. Reported 200 gal/min in 1961; field specific conductance 1900 umho/cm; electric and sonic logs available 220-550 feet.
401	Wesley West	--	--	362	8	Pbavp	3833	234R	1965	C,W	S	"Cavender" windmill, field specific conductance 2650 umho/cm.
501	do.	--	--	42	--	Qal	3638	39.3	3-28-72	N	N	"Jim Hill" well.

See footnotes at end of table.

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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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (+) or below land surface datum (feet)	Date of measurement			
PD-48-24-502	Wesley West	R. A. Foster	1972	281	8,6	Pbavp	3645	65R	8- -72	C,W	S	Field specific conductance of water in reservoir 2700 umho/cm; perforated 84-92 feet, 266-275 feet.
601	do.	--	--	--	6	--	3629	31.9	2-27-73	C,W	S	"Harrison" windmill, specific conductance of water in reservoir 2750 umho/cm.
901	do.	--	--	38	6	Qal	3621	17R	1965	N	N	"Pumpjack" windmill, poor water quality reported.
902	do.	--	--	340	6	Pbavp	3750	160R	1965	C,W	S	"Flattop" windmill.
32-301	do.	--	--	241	6	QTal	3638	39.1	2-27-73	N	N	Well 40 feet west of abandoned "Little Babb" windmill.
601	do.	--	--	73	6	QTal	3638	33.3	3-29-72	C,W	N	"Babb" well.
602	do.	--	1972	210	6,9,12	Pbavp	3755	123.0	5-30-73	N	N	
45-601	Diamondhead Corp.	Lee Murphy Drilling Co.	1972	1018	--	K	4570	943R	5- -72	N	N	Abandoned test hole no. 1 of Sierra Blanca Corp.; drilled to 460 feet and stuck drill pipe, moved 10 feet and completed hole. Bedrock (limestone) at 120 feet, sandstone at 250 feet, shale at 820 feet, limestone at 860 feet; sample log.
602	do.	Lee Murphy Drilling Co. & H. E. Stanton Drilling Co.	1972	1060	14	K	4570	943R 938R	5-16-72 9-19-74	S,E	N	Owner's no. 1, unused public-supply well; 100 feet northwest of #601; originally drilled to 1160 feet, cased to 1060 feet; part of a pump lost in well, may be blocked at 1010 feet. Bedrock (limestone) at 115 feet, sandstone at 255 feet, shale at 600 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 15 gal/min; radioactive logs. 2/
603	do.	Jack Guffey	1974	1096	14	K	4589	945R 966R 961R	3-26-74 6- -74 5-17-75	S,E	P	Owner's no. 2, originally drilled to 1137 feet, filled with cement to 1096 feet; perforated 917-1096 feet. Bedrock (limestone) at about 150 feet; reported specific capacity 15 gal/min/ft while test pumping at 5 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	1110	--	K	4608	979R	7-26-74	N	N	Owner's no. 3; abandoned pilot hole for a public-supply well, uncased, caved.
901	do.	H. H. Virdell	1941	1126	5	K	4740	1111±	4-11-72	C,E,5	S	"Ward Ranch" well; bedrock (volcanics) at 11 feet, sandstone at about 1,000 feet; 3 gal/min measured 4-11-72.
46-401	do.	do.	1950±	1093	6	K	4678	1040	3-23-72	C,E	P,S	"West" well; 7 gal/min measured 3-23-72; 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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ PD-48-46-701	Jim Baylor	--	1948+	1137	6	K7	4600	1120R	3-29-72	C,E,5	S	5-6 gal/min measured 3-29-72.
702	Sierra Blanca Corp.	Rex Leigh (Lee Murphy Drilling Co.)	1972	130	N	--	4650	--	--	N	N	Owner's test hole no. 2, abandoned, 3-inch hole. 3/
1/ 53-301	Diamondhead Corp.	--	1929	1341	6	K	4993	1130R	--	C,E	D	"Blanca Mountain" well, O'Keefe Fee no. 1; sample log on p. 124, U.S. Geological Survey Prof. Paper 475, bedrock (limestone) at 60 feet, 20 gal/min measured 3-15-72.
401	Ed Love	--	1893	175	5	T17	4737	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	T1 or Qal	4790	51.1	4-13-72	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	T1 or Qal	4785	80E	do.	C,E,1	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	1110	10	K7	4656	369.7	3-15-72	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 65 feet. 3/
502	do.	Layne & Bowler Co.	1910-12	531	--	K7	4650	345E	3-16-72	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	Diamondhead Corp.	--	1910-12	645	7	K7	4698	454R	do.	N	N	Originally drilled to 750 feet; reported former yield 2 gal/min of water of fair quality; gamma-ray log.
504	do.	Rex Leigh (Lee Murphy Drilling Co.)	1972	490	N	K7	4643	468R	3-23-72	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	4719	159.7 175.7	2-10-72 6-26-73	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	4695	154.7 176E 197E 223E	2-3-72 7-20-73 8-23-73 10-30-73	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/

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (+) or below land surface datum (feet)	Date of measurement			
1/ PD-48-53-803	Budapest County Water Control & Improvement District No. 1	R. Wayne Blair & E. A. Foster	1972	357	6	K	4681	165.2 224E 242E	2-10-72 7-17-73 12-11-73	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	4655	355.9 364E 372E	7-20-73 11-19-73 2-6-74	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	4697	176.3 236.2 259.0	7-20-73 12-11-73 6-21-74	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 Cowick, Rego Ranch	--	--	--	5	K?	4655	--	--	N	N	Reported low yield.
902	do.	--	--	263	5	K	4654	214.9	2-9-72	C,W	S	1 gal/min estimated 2-9-72; field specific conductance 700 uohm/cm, temperature 62°F.
1/ 54-201	Sierra Blanca Corp.	--	Before 1940	947	6	K	4517	889.3	3-30-72	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	4498	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	1102	7	K	4595	965R	6-6-57	S,E,30	P	Supply well for town of Sierra Blanca; perforated 1010-1100 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	4540	920R	7-23-43	N	N	Formerly supplied metal; 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	4552	--	--	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	1925	1000	6	K	4478	810E	3-23-72	C,E,20	S	North well of 2 wells; open hole 900-1000 feet; 30 gal/min reported.
1/ 405	do.	H. H. Virdell	1942	957	6	K	4478	807E	do.	C,E,15	S,Ind	South well of 2 wells; reported to be originally 1000 feet deep, open hole 600-957 feet; 20 gal/min reported; bedrock reported at 280 feet; 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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (+) or below land surface datum (feet)	Date of measurement			
PD-48-54-406	Southern Pacific Railroad	--	about 1910	1100	10	K	4488	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	N	--	4475	--	--	N	N	Owner's abandoned test hole no. 4; not drilled to water table; sample log, bedrock (sandstone) at 274 feet. <u>3/</u>
408	Gene Wells	H. H. Virdell	1951	988	6	--	4580	--	--	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	1177	2	K	4445	--	--	N	N	Owner's test hole no. 3; perforated 1117-1177 feet; completed as an observation well but apparently perforations plugged; sample log, bedrock (sandstone) at 472 feet; radioactive logs. <u>3/</u>
1/ 502	Clyde Fields Est.	Wright M. Womack	1953	950	6	K	4408	780.6	3-31-72	C,E,5	S	"Blount Tank" well; 4 gal/min measured 3-31-72; field specific conductance 3200 umho/cm.
1/ 503	Sierra Blanca Corp.	H. E. Stanton	1972	1350	10	K	4445	--	--	S,E,75	P	Owner's water-supply well no. 1; perforated 860-1210 feet; open hole below; 200 gal/min reported 8-17-72. Radioactive logs; bedrock estimated at 460 feet from neutron log. <u>3/</u>
701	Mrs. J. R. Love	--	1940's	920	6	K	4487	905R	7- 6-72	C,W	S	6 gal/min and good-quality water reported.
1/ 801	Billy Holcum	--	1950's	945	8	K	4406	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's	1150	N	K	4380	788R	3-31-72	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	PG	4649	207R	8-31-72	C,W	N	Cased to 10 feet, open hole below; 2 gal/min; good-quality water reported.
1/ 902	do.	do.	1948	190	9	PG	4638	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 6-31-72.
56-501	Mrs. Scott Keeling	Wayne Blair	1972	121	N	PG	4770	67.6	9- 1-72	N	N	Unused, uncased drill hole for asbestos; originally drilled to 150 feet.
1/ 802	Charles Dees	--	about 1915	186	6	PG	4655	66.7	9- 1-72	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	PG	4757	73.7	do.	C,W	S	3 gal/min measured 9-1-72.
1/ 804	Mrs. Scott Keeling	Wayne Blair	1972	92	N	PG	4768	87.0	do.	N	N	Unused, uncased drill hole for asbestos; originally drilled to 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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (1) or below land surface datum (feet)	Date of measurement			
PD-48-61-101	Sid Cowan	--	--	462	6	T1?	5020	268.8	5- 4-72	C	N	
103	do.	Chavez & H. H. Virdell	1957	425	8	T1	5180	414.0	do.	N	N	
104	do.	--	--	>500	10	T1?	5211	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	4372	538A	7-25-31	C,E,3	S	"Henshaw" well; H. H. Henshaw, G. 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.
301	E. L. Kettenbach	H. H. Virdell	1970	766	N	--	4300	--	--	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	4280	421.4	5-16-72	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	K1	4495	--	--	C,E,2	D,S	Measured 10-12 gal/min 12-3-73.
901	E. L. Kettenbach	--	1940's	290	10	K	4383	190R	11- -64	C,W	S	"West" windmill, 5 gal/min measured 5-4-72; field specific conductance 1250 umho/cm, temperature 21°C.
62-501	Yettie Meadors	--	--	--	14	K	4376	--	--	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	4110	448.1	5-10-72	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	4018	323.8	5-12-72	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	4010	367.1 364.5	11- 9-66 5-16-72	N	N	Unused well originally used for water supply for construction of interstate highway; user's well no. 2; brief driller's log; perforated 450-550 feet; 100 gal/min reported in 1964. 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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (+) or below land surface datum (feet)	Date of measurement			
PD-48-62-803	Cummins Sisters	H. H. Virdell	1964	475	10	QTal	4013	365.2	5-16-72	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. <u>3/</u>
804	Yettie Meadors	do.	1964	540	10	QTal	4005	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. <u>3/</u>
805	Jack Hayter	do.	about 1964	400	6	QTal	4007	--	--	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	K7	4035	385.6	5-12-72	C,G,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 1200 umho/cm. <u>3/</u>
807	do.	H. H. Virdell	1964	497	6	QTal	4095	438.0 437.1	10-28-64 5-17-72	N	N	Originally tested at 10 gal/min.
63-301	Tex. & Pacific Railroad	--	early 1900's	--	10	PG7	4461	--	--	N	N	Destroyed railroad supply well, reported good yield and water quality.
302	Oscar Booth	H. H. Virdell	1964	602	8	P6	4506	354.4	8-30-72	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. <u>3/</u>
303	C. A. Wilkin	do.	1956	212	4	P6	4730	160.7	8-31-72	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	K7	4391	700R	1959	C,G	N	Cased to 20 feet, open hole below; bedrock reported at 690 feet; 2 gal/min reported in 1961.
602	Tex. Pacific Land Trust	Capitan Drilling Co.	1965	1663	N	--	4368	--	--	N	N	Capitan Drilling Co. Devil Ridge no. 1; plugged core test drilled for Texaco Inc.; sonic, calliper, gamma-ray logs available to 450 feet, bedrock at 200 feet.
701	Mrs. R. H. Epy	--	1940's	--	6	K7	4219	--	--	N	N	"Lucky" well; depth measured at 26 feet in 1972, try to that depth; water had sulfur taste and odor.
802	James Stone	--	--	124	5	K7	4314	120.7	7-10-72	C,W	S	Measured 3 gal/min 7-10-72; field specific conductance 1620 umho/cm, temperature 21°C, water has sulfur odor.
803	do.	--	--	213	8	K	4532	24.7	do.	C,W	S	"Sulfur" well, 3 gal/min measured 7-10-72.

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 Wilson--Continued

Well	Owner	Driller	Date completed	Depth of well (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below (-) land surface datum (feet)	Date of measurement			
PD-48-63-901	Mrs. R. H. Espy	--	1912	1000	6	K	4560	--	--	N	N	"Deep" well; originally drilled to 1000 feet, cased to 636 feet (measured depth in 1972), no water in well in 1972; 900-foot water level reported in 1943; good-quality water reported.
902	do.	--	1940's	238	6	QTal?	4757	227.0	6-8-73	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	PG1	4504	143.8	9-12-72	N	N	Originally drilled to about 325 feet, cased to 12 feet, open hole below; original yield reported 36 gal/min of good-quality water; reported drilled mostly in hard, greenish rock.
301	Charles Dees	Knox Williams	about 1916	200	5	PG1	4676	156.0	8-24-72	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	PG?	4560	157.8	9-12-72	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	--	4388	229.6	4-3-73	N	N	Original yield reported 3 gal/min of good-quality water.
601	Southern Clay Products Co.	--	about 1931	177	6	--	4511	174.0	8-24-72	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	--	4538	190.3	do.	S,E, 3/4	Ind	Measured 2-3 gal/min 8-24-72; field specific conductance 1000 umho/cm, temperature 24°C.
603	Oscar Booth	--	1940's	220	4	QTal?	4492	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?	4490	163.7	do.	C,W	S	West of 2 windmills; field specific conductance 950 umho/cm.
605	Paul Frame	Bill Garrett	about 1960	236	6	QTal?	4556	173.2	9-13-72	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.
901	Southern Pacific Railroad	Layne-Texas	1941	1001	10	QTal	4271	610.3	4-12-72	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 957-1011 feet; gamma-ray and temperature logs (maximum temperature 100°F) to 880 feet. 3/
902	do.	O. E. Lindholm	1908	1000	10	QTal	4271	--	--	N	N	Unused railroad supply well no. 1, east well of 2; 36 gal/min reported in 1943, tested at 200 gal/min in 1964.

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
FD-50-06-101	E. A. Wright	H. H. Virdell	1941	115	6	K7	4342	72.5	5-17-72	C,W	S	East of 2 wells, originally drilled to 150 feet; 4 gal/min measured 5-17-72; field specific conductance 2700 umho/cm, temperature 21°C.
102	do.	do.	about 1964	150	6	K7	4342	95R	1964	C,E, 1/2	S,D	West of 2 wells.
203	Mann Bramlett	do.	1946	667	6	K7	4039	391.2	5-17-72	C,W	D,S	
301	Yettie Meadors	L. W. Stratton	1955	390	6	QTal	3941	326.1 319.6	12- 4-61 5-17-72	S,E	S,D	"Red Light Mill"; perforated 360-390 feet; 4 gal/min measured 5-17-72 when wind powered. 3/
801	Robert & Leo Guerra	Bill Applegate	about 1950	190	6	K7	4005	171.7	7-18-72	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	?	3758	292.1 288.8	10-30-64 7-19-72	N	N	Oil test, Schermehom Oil Corp.; J. W. Tidwell no. 1; originally drilled to 935 feet; bedrock at 190? feet; gamma-ray log. 3/
07-201	James Stone & Wayne Roby	Wayne Blair	1972	284	5	K7	4381	271.3	5-24-72	C,W	S	Cased to 66 feet, open hole below; bedrock (sandstone) at 357 feet. 3/
202	do.	--	1940's	270	--	K7	4690	15R	--	C,G,W, 5	S	"Indian Springs" mill; 4 gal/min estimated in 1972; field specific conductance 650 umho/cm.
301	R. H. Espy Est.	J. A. Kennedy	1941	200	6	K7	5760	96.1	6- 8-73	C,W	S	Originally reported 206 feet deep; 3 gal/min measured 6-8-73; field specific conductance 330 umho/cm, 7-8°F.
302	Jack Hayter	--	1940's	200±	4?	K7	5900	191.2	do.	C,W	S	Field specific conductance 350 umho/cm, 7-8°F.
401	Richard Weinberg	--	about 1940	510	5	QTal	3966	460R	10-30-64	C,W	S	"China" well, 3-4 gal/min estimated in 1973.
402	do.	H. H. Virdell	1944	370	10	QTal	3785	300.1	7-18-72	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.
501	do.	Cook Drilling Co.	1973	1185	6	QTal	4045	575±	12-10-73	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 1100 feet.
601	Jack Hayter	Payne	1950's	264	6	K7	4787	191.8	6-27-72	C,W	S	Black Mountain well; 3-4 gal/min estimated in 1972; field specific conductance 760 umho/cm, 25°C.
801	Richard Weinberg	--	1940's	510	6	QTal	3924	465.9	6-29-72	C,W	S	"New" well; 5 gal/min estimated in 1964.

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
PD-50-07-901	Richard Weinberg	--	before 1940	510	4	Tvt, Kf	4483	350R	6-29-72	C,W	S	Red Bluff well, deepened to 510 feet in 1961; 4 gal/min measured 6-29-72; field specific conductance 560 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	4941	78.9	9-14-72	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	4761	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.
103	R. H. Espy Est.	--	about 1940	112	5	Kf	5105	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	Kf	5101	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	4762	37.4	9-13-72	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	4762	33.4	do.	C,W	S	"South Carpenter" well.
901	J. C. Davis	--	--	320±	6	K	4919	--	--	C,E	B	"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	3730	--	--	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	3590	50±R	1-26-73	C,W	D,S	Reported 5 gal/min; good-quality water.
1/ 501	H. L. Hunt Est.	--	--	spring	--	?	3310	F	--	--	R,D	"Hot Spring" no. 1 or "Stump Spring"; rock walled; 14 gal/min flow measured 3-22-73.
1/ 502	do.	--	--	spring	--	?	3312	F	--	E, 3/4	R,D,S	"Suds Spring"; rock walled; 2 gal/min flow and 10 gal/min pumped yield estimated in 1973.
1/ 503	do.	--	--	spring	--	?	3312	F	--	--	R	"Bath House Spring" or "Chief Spring," dugout depression; 300-350 gal/min estimated in 1973.
1/ 504	do.	--	--	spring	--	?	3310	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	--	?	3312	F	--	--	R	"Cold Spring" or "Squaw Spring;" 6 gal/min measured 1-23-73.

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (+) or below land surface datum (feet)	Date of measurement			
PD-50-14-506	H. L. Hunt Est.	H. H. Virdell	1969	70	15	Qal	3315	5.4	3-23-73	T,G,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	3315	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	3300	F	2- -71	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	3300	6.5R	4- -69	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	3510	28.7	6-27-72	C,W	N	Unused stock well, originally drilled to 100 feet; 5 gal/min estimated in 1960.
1/ 201	Robert & Leo Guerra	--	1900	460	5	QTal	3628	185.7	6-29-72	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	3235	13.6	7-19-72	C,W	N	
1/ 801	Robert & Leo Guerra	--	1900	47	4	Qal	3236	31.3 32.0	11-10-64 6-29-72	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 30-60 feet.
1/ 901	Robert Guerra	H. H. Virdell	1951	60	16	Qal	3190	10.7 8.0	5-11-61 11-15-73	T,G, 160	I	Owner's no. 2; 10-inch pump, 1000 gal/min reported in 1961; reperforated with hydraulic knife in 1971; 9 tons/acre-foot (about 7000 mg/l) dissolved solids reported in 1961.
1/ 902	do.	do.	early 1950's	40	15	Qal	3190	7.2 4.7	5-11-61 11-15-73	N	N	Abandoned irrigation well, originally drilled to 60 feet; 1000 gal/min reported in 1961.
903	Robert & Leo Guerra	--	1940's	182	5	QTal	3269	32.5 35.5	10-29-64 6-30-72	C,W	S	South well of 2; 4 gal/min estimated in 1972; good quality reported.
904	do.	--	1940's	104	5	QTal	3269	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	3190	6.3	11-15-73	T,G, 160	I	Owner's no. 1, reperforated with hydraulic knife 35-65 feet in 1971; 8-inch pump, 1100 gal/min and 25 feet drawdown reported in 1973.

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 Bolton--Continued

Well	Owner	Driller	Date completed	Depth of well (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (+) or below land surface datum (feet)	Date of measurement			
PD-50-16-701	Robert Guerra	--	1940's	261	6	QTal	3549	167.1 162.5	10-29-64 1-24-73	C,W	S	"Upper" well, originally drilled to about 360 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	3215	45.0 40.6	11-10-64 1-25-73	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 15300 umho/cm and chloride 4600 mg/l in 1964.
703	do.	do.	1963	224	6	QTal	3352	127.8 195.3	11-10-64 1-25-73	C,W,E, 1/2	S	"Christmas" well, formerly State well no. PD-50-10-801; 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	4040	209.0	10-19-72	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	3180	37.9 32.0	11-10-64 1-25-73	C	N	"To" well, originally drilled to 90 feet; 5 gal/min estimated in 1964; field specific conductance 11900 umho/cm and chloride 3700 mg/l in 1964; water-bearing zone reported 80-90 feet.
202	do.	C. R. & Mann Bramlett	1959	66	6	Qal	3204	52.4 45.1	11-10-64 1-25-73	C,W,G 3	S	"16" well, originally drilled to 78 feet; 3 gal/min measured 1-25-73; water-bearing zone reported 68-76 feet.
301	do.	do.	1972	330	8	QTal	3465	198.2	11-16-73	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	3155	7.0 5.0	5-11-61 11-16-73	N	N	Unused irrigation well, north well of 3; originally drilled to 60 feet; 1000 gal/min and 7 tons/acre-foot (about 5000 mg/l) dissolved solids reported in 1961.
502	do.	do.	1951	70	16	Qal	3155	7.4 5.6	5-11-61 11-16-73	T,G,45	N	Unused irrigation well, south well of 3; 1500 gal/min and 7 tons/acre-foot (about 5000 mg/l) dissolved solids reported in 1961; 10-inch pump column.
503	do.	George Hamilton	1945	65	6	Qal	3185	48R	do.	C,E,1	S	"Home" mill; 9 gal/min measured 11-16-73; field specific conductance 4100 umho/cm in 1973; water-bearing zone reported 53-63 feet.
504	do.	John Bramlett & Sons	1964	150	7	QTal	3162	43.9 39.8	10-11-64 11-16-73	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.
505	do.	do.	about 1952	50±	16	Qal	3153	5.0	do.	T	N	Unused irrigation well, middle well of 3; 6-inch pump, 1000 gal/min reported.

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ PD-51-01-301	Mrs. H. B. Mann	--	old	80	5	Qal	4242	40.4	11-29-72	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	4146	--	--	C,W	S	Casing slotted 350-500 feet.
502	do.	--	old	500	6	QTal	4147	486.0 485.0	9- 2-64 10-12-72	N	N	
1/ 503	J. C. Davis	Frank Harrell	1930's	530	6	QTal	4166	481R	1973	C,E,S	P,S	Supplies ranch headquarters; pumped 9 gal./min 10-12-72.
1/ 504	do.	Xana Corp.	1974	--	--	QTal	4188	--	--	N	N	U.S. Geological Survey J. C. Davis no. 1 water test hole; drilled and logged 2012 feet of bolson fill, mostly clay with thin beds of sand and gravel. Progressively plugged back and jetted water samples from intervals 1653-1685, 1308-1340, 1021-1055, 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	4090	420.6	11-12-64	C,W	S	Reported weak supply.
1/ PD-51-01-801	L. A. Mallory	--	1940's	--	8	QTal	4253	646.5	11-14-72	C,W,S		
1/ HL-51-02-101	W. A. Farmer	--	old	--	6	QTal	4038	458.9	2-16-72	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.	Geaslin	old	411	6	QTal	3961	340R	1943	C,W	D,S	North well at ranch headquarters.
202	do.	L. W. Stratton	1952	554	10	QTal	3961	350R 380.7	1958 2-15-72	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. Pilley Trust	N. B. Virdell	1941	370	6	QTal,P	3902	274.8 275.8	4-10-73 1-13-74	S,E	S	Pumped 3 gal/min 4-10-73; temperature 67°F.
501	do.	L. W. Stratton	194	973	--	--	3908	272.38 276.36	6-12-50 2- 9-51	--	--	Former Tex. Water Development Board water-level observation well; test hole; log shows alluvial fill to 725 feet and mostly shale and limestone (Cretaceous or Permian) from 728-973 feet. 3/
1/ 502	do.	--	old	350	6	QTal	3912	288.8	4-10-73	C,W	S	
1/ 601	Mrs. C. P. Wadell	Virdell	1942	391	6	QTal,P	4050	360R	2- 8-51	C,E, 1.5	D,S	Supplies 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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
HL-51-02-602	E. R. Filley Trust	L. W. Stratton	1949	500	16	QTal	3928	141.65 141.89 141.30	5- 3-50 2- 8-50 3- 8-50	N	N	Drilled for irrigation, destroyed; former Tex. Water Development Board water-level observation well. Log shows interbedded silt, sand, and gravel to 385 feet, and red shale from 385-500 feet. <u>3/</u>
701	Tom Bennett	do.	1942	600	--	--	4450	--	--	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	4028	26.2	1-14-72	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 streaks 48-65 feet. <u>3/</u>
901	W. P. Sauer	Fred Scroggins	1949	380	16	QTal	3947	90.50 229.32	2- 8-51 1-15-73	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	3948	103.21 107.6	11-17-50 2- 8-51	N	N	Drilled to 910 feet; plugged back to 382 feet, slotted casing 220-282 feet; reported drawdown of 50.6 feet pumping 1200 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 SS-910 feet. Destroyed and replaced by well HL-51-02-917. Former Tex. Water Development Board water-level observation well. <u>3/</u>
903	do.	L. W. Stratton	1950	421	16	QTal	3947	102.4 195.9 233.42	2-28-51 2- 7-63 1-18-73	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. <u>2/3/</u>
904	E. R. Filley Trust	do.	1950	400	16	QTal	3934	133.52 194.6 222.20	2- 8-51 2- 7-63 1-15-73	N	N	Former Tex. Water Development Board water-level observation well. Water from upper (perched) zone enters well and cascades down casing.
905	do.	do.	1950	406	16	QTal	3938	137.87 194.10	5- 2-50 1- 7-63	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. <u>3/</u>
906	do.	do.	1949	364	16	QTal	3940	132.24 194.76 228.20	6-22-49 2- 7-63 1-15-73	N	N	Reported drawdown of 75 feet pumping 1150 gal/min when drilled; gamma-ray log to 364 feet. Tex. Water Development Board water-level observation well. <u>2/</u>
907	do.	do.	1950	407	16	QTal	3943	141.10	5- 2-50	T,Ng	Irr	Set 300 feet 8-inch column pipe; discharged 785 gal/min 5-17-73; log shows alluvium to total depth. <u>3/</u>

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 Nelson--Continued

Well	Owner	Driller	Date completed	Depth of well (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (+) or below land surface datum (feet)	Date of measurement			
HL-51-02-908	Cecil Shearer	Fred Scroggins	1950	387	16	QTal	3956	112.85 233.8	2- 8-51 1-14-72	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	3938	98.97 131.60	4-21-50 9- 8-51	N	N	Casing slotted 180-400 feet; drawdown of 61 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.
910	Barnabus (Joe) Smallwood	Fred Scroggins	1950	385	16	QTal	3952	100R 102.7	1- -50 2-28-51	N	N	Destroyed; replaced by well HL-51-02-912. Former Tex. Water Development Board water-level observation well.
911	Cecil Shearer	R. Guffay	1955	574	16	QTal	3956	164.3 198.94 247.64	1-24-56 2- 9-62 1-15-73	T,E,	Irr	Set 16-inch casing to 490 feet; slotted 320-490 feet, set 12-inch slotted liner from 460-549 feet; discharged 970 gal/min with pumping level at 26 feet 8-15-73. Tex. Water Development Board water-level observation well.
912	Barnabus (Joe) Smallwood	--	--	--	14	QTal	3952	180.05 202.65 241.81	1-27-60 2- 9-62 1-15-73	T,Ng	Irr	Tex. Water Development Board water-level observation well.
913	E. R. Filley Trust	L. W. Stratton	1949	--	--	QTal	3933	153.18 154.18	5- 3-50 2- 8-51	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. Geeslin	1911	600	10	QTal	3961	89.12 164.75	8-26-43 1-16-58	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	3939	128.28	2- 8-51	N	N	Used for stock supply; plugged and capped in 1960. Former Tex. Water Development Board water-level observation well.
916	Ms. P. Sauer	--	old	145	6	QTal	3955	112.30	8-24-43	N	N	Destroyed stock well; former Tex. Water Development Board water-level observation well.
917	Barnabus (Joe) Smallwood	--	--	--	16	QTal	3948	143.14 233.77 238.40	1-24-56 1-14-72 1-15-73	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	3955	100R 151.20 228.95	6- -49 1-28-57 1-15-73	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.

See footnotes at end of table.

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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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (1) or below land surface datum (feet)	Date of measurement			
HL-51-02-919	Barnabus (Joe) Smallwood	--	--	--	14	QTal	3955	135.87 240.10 244.70	1-23-54 1-13-72 1-15-73	N	N	Unused irrigation well; former Tex. Water Development Board water-level observation well.
920	E. R. Villey Trust	Burkholder Bros.	1964	408	16	QTal	3944	230.6	1-13-72	T,Ng	Irr	Set 300 feet 8-inch column pipe; log shows alluvium to total depth. <u>3/</u>
921	Barnabus (Joe) Smallwood	Fred Scroggins	1949	385	16	QTal	3965	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	3945	--	--	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. <u>3/</u>
923	Southern Pacific Railroad	O. E. Lindholm	1917	437	12	QTal	3943	94R 227.4 233.4	8- -17 1-13-72 1-15-73	N	N	North well at Lobo siding. Casing: 12-inch to 50 feet; 10-inch 80-222 feet, slotted 162-202 feet; 6-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 351 feet; and stratified water-bearing formation from 351-437 feet; gamma-ray log to 247 feet. <u>3/</u>
924	do.	J. W. Jackson	1929	426	12	QTal	3944	92R 227.0	3- -27 1-13-72	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. <u>3/</u>
925	Cecil Shearer	Fred Scroggins	1963	535	16	QTal	3969	--	--	T,Ng	Irr	Log shows alluvium to 378 feet, red rock 376-390 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. <u>3/</u>
926	do.	--	--	438	16	QTal	3965	162.05 205.08 246.15	1-28-57 2- 7-63 1-16-73	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.
927	J. L. Agnew, et al	--	1958	--	16	QTal	3962	162.60 214.39	1-16-58 2-11-69	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.

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (+) or below (-) land surface datum (feet)	Date of measurement			
1/ HL-51-02-928	J. L. Agnew, et al	L. W. Stratton	1949	463	16	QTal	3960	90R 144.6	6- -49 1-23-55	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 456-603 feet; former Tex. Water Development Board water-level observation well. 3/
1/ 929	E. R. Filley Trust	Burkholder Bros.	1964	422	16	QTal	3938	225.5	1-14-72	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	4453	--	--	C,W	S	Reported drilled in limestone from 30 feet to total depth. Set 960 feet of column pipe.
1/ 401	Mrs. C. F. Maddell	--	1937	60	7	Qal or Tv	4170	31.5	2-16-72	C,W	S	Called "rock tank" well; taps shallow alluvial or volcanic deposits in Christopher Draw.
1/ 402	do.	--	1966	550+	5	QTal	4096	--	--	C,W	S	Replaced well 521 feet deep at this location; water sampled from old well in 1943.
1/ 501	L. E. Sloan	H. H. Virdell	1966	600	7	T17	4300	394R	1- -66	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/
1/ 701	Clayton McDonald	--	--	400	14	QTal	4016	281.9	1-15-73	T,Ng	Irr	Formerly State well no. HL-51-03-703; reported well is partly caved.
1/ 801	H. M. Walker	--	--	400	6	QTal	4164	269.7 291.33	8-26-43 1-16-58	N	N	Obstacle at 295 feet (dry hole) in 1972; former Tex. Water Development Board water-level observation well.
1/ 802	Kasey-Weinacht	--	--	--	16	QTal	4165	379.4 380.7	2-17-72 1-16-73	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.
04-101	Cockrell	Cosden Petroleum Corp.	1953	3700	--	--	4004	--	--	--	--	Oil test on upthrown side of east White Mountain fault, Cosden Petroleum Corp. Cockrell no. 1; reported drilled Permian rocks to 2920 feet and Precambrian below. No water-bearing strata reported; electric log 750-3700 feet.
201	Evergreen Farms	--	1938	625	7	P	3995	450.6 451.6	2-18-71 2-14-72	N	N	Called "Alkaseltzer" well; reported top of limestone at 20 feet; abandoned.
202	do.	--	1960's	--	5	P	4014	476.8	2-23-71	C,G	S	Replaced old "Alkaseltzer" well.
203	do.	Bippy Taylor	1973	640	16	QTal	3963	418.6	9-19-73	N	N	Drilled 24-inch hole to 640 feet; set 16-inch casing, slotted 470-640 feet; gravel packed; acidified with 4000 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/

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (+) or below land surface datum (feet)	Date of measurement			
HL-51-04-501	Garren	W. L. Kornrumpf, et al	1933	1280	--	--	4077	--	--	--	--	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 650-1000 feet; reported 100, 120, and 440 feet of water in hole at depths of 615, 640, and 1000 feet, respectively. 3/
PS-51-05-701	M. O. Means	--	1955	200	7	QTal,Tv	4305	124.4	8-21-72	C,W	S	
PD-51-09-101	Charles Hoosier	--	old	305	6	K	4525	263.7	10-13-72	N	N	Called "Joe Williamson" well.
1/ 102	do.	--	1950	--	6	QTal	4347	537.6 530.9	11-12-66 11-11-72	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	4284	130.5	10-18-72	C,W	S	Called "Medicina" well; water is gypsy. Pumping 5 gal/min 10-18-72.
104	do.	--	1920's	142	6	K	4320	117.2	do.	N	N	Unused, but reportedly good quality and supply.
201	L. A. Mallory	W. P. & C. Geslin	1909	1160	--	--	4230	--	--	--	--	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	4456	>500	1972	C,W	S	Reported good quality and dependable supply.
1/ PD-51-09-401	do.	--	1943	>462	6	K	4308	462R	10-18-72	C,W	S	Called "Squaw" well. Specific conductance, field test 1350 umho/cm.
1/ 501	do.	Geslin & Cummings	1909	280	7	QTal	4005	143.9 138.6	11-11-64 10-18-72	C,W	S	Called "Red Hills and Double" wells; reported strong supply and good quality.
1/ 502	do.	do.	--	242	7	QTal	4005	137.4	do.	N	N	North well of 2, abandoned.
1/ 503	do.	- Crogan	1926	344	8	QTal	4085	234.4 230.0	11-11-64 10-18-72	C,W	S	Called "Mica" well; formerly supplied mine, 2.6 miles northeast.
1/ 801	do.	--	old	97	6	Qal?	3972	23.0	10-19-72	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?	3865	21.4 24.1	11-12-66 11-16-72	C,W	S	Taps shallow alluvial deposits, east side of Green River Draw.
1/ 803	do.	--	old	--	36	Qal	3856	8.9	do.	C,W	N	Dug in Green River channel; rock curbing.
HL-51-09-901	Tom Bennett	--	old	285	6	QTal	4020	218.2	do.	C,W	S	Discharged 4-5 gal/min 11-16-72; reported water is good quality.

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (+) or below land surface datum (feet)	Date of measurement			
EL-51-09-902	Huber Corp.	L. W. Strattonf	--	280	5	QTal	4080	259.8	3-13-74	C,W	S	Specific conductance, field test 600 umho/cm.
10-101	Tom Bennett	--	1940's	421	4	K	4700	410.3	11-30-72	C,W	S	Set 2 1/2-inch column pipe; reported good quality.
102	do.	--	1930's	19	78	K	5035	5.0	do.	C,W	S	Called "High Lonesome" well; dug in Cox Sandstone (Cretaceous) near contact with overlying Hogeys 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	4684	>500	do.	C,G	S	Called "Deep" well; reported pump set at about 600 feet.
301	Pete Green	Krupp & Lindeman	1949	425	16	QTal	3969	140R	8- -49	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. <u>3/</u>
302	Terry Lowe	L. W. Stratton	1949	400	--	--	3994	280.37	5- 2-50	N	N	Drilled to 400 feet in alluvium; plugged back to 332 feet and set 7-inch casing; pulled casing and abandoned in 1951. <u>3/</u>
303	Pete Green	Ted Lindeman	1949	403	16	QTal	3967	108R 248.3	8- -49 1- 7-72	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 351-403 feet. <u>3/</u>
304	do.	Krupp & Lindeman; L. Hoskins	1949 1972	415 500	16	QTal	3966	117.4 247.1	11-17-50 1- 6-72	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 1 1/2-inch slotted liner; reported regained full 8-inch discharge. <u>3/</u>
305	do.	L. W. Stratton	1960	325	16	QTalTv	3994	202.4 242.0 245.2	7-13-60 1- 6-72 1-17-73	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 200 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. <u>3/</u>
306	do.	do.	1957	400	16	QTal	3972	196.4 243.0 247.6	7-13-60 1- 7-72 1-17-73	T,Ng	Irr	Owner's no. 9; casing slotted 180-400 feet; set 200 feet 8-inch column pipe and 4 stages of 12-inch balls. 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. <u>3/</u>

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 Preadillo Bolson--Continued

Well	Owner	Driller	Date completed	Depth of well (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (1) or below land surface datum (feet)	Date of measurement			
HL-51-10-307	Ryon St. Clair	--	1957	400	16	QTal	3955	156.72 241.05	1-28-57 1-15-73	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.
1/ 308	Barnabus (Joe) Smallwood	Fred Scroggins	1949 1972	386 450	16	QTal	3959	102.1 156.95 234.30	2-28-51 1-18-57 1-12-72	T,Ng	Irr	Deepened from 386-450 feet in 1972; set 1 1/2-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	3986	105R 201.67 244.82	6- -49 2-10-62 1-12-72	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 1100 gal/min in 1949; discharged 500 gal/min 5-17-73; Tex. Water Development Board water-level observation well. 3/
310	I. W. Smallwood	Fred Scroggins	1950	350	16	QTal	3971	105R 114.51	1- -50 11-17-50	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	3983	82.3 90.32 82.53	8-24-43 2-10-62 1-18-73	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	3955	99.1 203.60	2-28-51 1-15-73	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	3955	131.18 136.51	1-23-54 1-23-55	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	3960	131.96 178.38 238.90	1-23-54 2-10-61 1-15-73	T,Ng	Irr	Reported 350 feet deep in 1951 and 444 feet in 1954; pumping 745 gal/min 8-16-73; water level recovered 53.1 feet with well shut down 12 hours. Former Tex. Water Development Board water-level observation well.
315	Tex. Highway Dept.	--	1938	274	8	QTal	3962	90.2 102.46	7-30-43 3- 7-52	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	3973	125R 112.9	8-24-49 2-28-51	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/

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (1) or below land surface datum (feet)	Date of measurement			
HL-51-10-317	Barnabus (Joe) Smallwood	Fred Scroggins	1950	315	16	QTalTv	3975	100R 268.32	4-18-50 1-17-73	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	3964	97.96 165.54	8-23-43 1-16-58	N	N	Called "Eapy" 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	3970	168.04 115.90 259.55	5- 3-50 2- 9-51 1-17-73	N	N	Log shows mostly clay or shale to 295 feet; and interbedded shale, sand, and gravel 295-355 feet; gamma-ray log. Former Tex. Water Development Board water-level observation well. 3/
320	W. A. Gamble	Fred Scroggins	1949	350	16	QTal	3972	100R 167.84	1949 5- 2-50	N	N	Destroyed; former Tex. Water Development Board water-level observation well.
321	Brewster Farms	Jim Williams	1949	355	14	QTal	3978	85.09 100.41	6-21-49 3- 7-52	N	N	Reported drawdown of 30 feet pumping 1100 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/
322	do.	do.	1948	385	14	QTal	3981	101.30 121.28 116.70	6-21-49 11-17-50 2- 9-51	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.
323	I. W. Smallwood	--	--	--	16	QTal	3971	141.78 203.50 248.48	1-23-54 2-10-62 12- 8-72	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	3985	202.23 231.13	1-17-67 1-18-73	T,Ng	Irr	Casing slotted 350-605 feet; gravel packed; set 250 feet 10-inch column pipe and 5 stages of 1-inch bowls. Tex. Water Development Board water-level observation well.
325	I. W. Smallwood	--	--	500	16	QTal	3978	233.2	1-11-72	T,Ng	Irr	Deepened 325-500 feet by L. Hoskins in 1973; set 250-foot 14-inch liner, slotted 250-500 feet, and 350 feet 8-inch column pipe; reported maximum yield is 300 gal/min.
326	W. A. Gamble	Fred Scroggins	1949	400	16	QTal	3975	256.1	do.	T,Ng	Irr	Set 300 feet slotted casing.
327	do.	--	--	--	16	QTal	3970	247.8	do.	T,Ng	Irr	Discharged 990 gal/min 6-14-67; casing wet below 160 feet in 1972.

See footnotes at end of table.

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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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ HL-51-10-328	I. W. Smallwood	L. W. Stratton	1948	354	18	QTal	3980	93R 92R	1948 1971	S,E, 1.5	D	Drilled for irrigation. Casing: 18-inch to 260 feet, slotted 80-110 feet and 160-260 feet; 14-inch 250-350 feet, slotted 300-354 feet; reported drawdown of 47 feet discharging 1300 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	3970	92.87 110.75	8-26-43 3- 7-52	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	3979	80.4 91.07	8-26-43 2- 9-51	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	QTalTv	3985	79.74 157.34 200.25	6-22-49 2- 7-63 1-16-73	T,E, 150	Irr	Formerly State well no. HL-51-11-101. Drawdown of 47 feet pumping 1090 gal/min in 1951; pumping 1630 gal/min from 10-inch pipe in 1973; Tex. Water Development Board water-level observation well. 2/
332	Barnabus (Joe) Smallwood	Travis Snyder	1959	305	16	QTal	3975	190.46 252.85	2-10-61 1-16-73	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	3976	--	--	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 purged a full pipe.
1/ 334	J. H. Harper	R. A. Foster	1964	312	16	QTal	4004	186.07 205.79	11- 8-66 1-13-73	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 (volcanic?) below. Tex. Water Development Board water-level observation well.
1/ 335	Pete Green	Ted Lindeman	1949	267	16	QTalTv	4003	95R 161.15 208.47	9-15-49 2-10-61 1-17-73	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 1400 gal/min 4-10-73; Tex. Water Development Board water-level observation well.
1/ 336	William B. Sauer	Fred Scroggins	1962	300	14	QTal	3977	249.0	1-12-72	T,Ng	Irr	Set 270 feet 8-inch column pipe; discharged 555, 444, and 360 gal/min 8-11-66, 7-19-67, and 8-13-66.

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 Nelson--Continued

Well	Owner	Driller	Date completed	Depth of well (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
HL-51-10-401	Tom Bennett	--	1940's	83	6	Tv	4700	60.7	12- 1-72	C,W	D,S	South well of 2 at Carpenter Lodge; specific conductance, field test 570 uho/cm.
1/ 601	Jones Bros.	L. W. Stratton	1949	375	16	QTalTv	4012	95R 149.21 178.45	10-15-49 2-10-60 1-17-73	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	4015	198.4 202.5 205.8	1-10-72 4-10-72 1-17-73	N	N	Drilled to 258 feet and set 16-inch casing; deepened to 387 feet and set 13-inch casing; partial log shows lava 280-298 feet, gray to red shale and gravel 295-369 feet, and lava rock 369-387 feet. Cased 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	4043	116.08 175.4 193.44	2-28-51 2- 7-63 1-18-73	T,Ng	Irr	Drawdown of 43.6 feet pumping 900 gal/min for 1-1-2 hours 5-19-61; discharged 600 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 water-level observation well.
1/ 604	Gary Stratton	L. W. Stratton	1949	368	16	QTalTv	3990	86R 160.53 180.10	11- -49 2-10-61 1-18-73	T,N	N	Casing: 16-inch to 285 feet, 14-inch 275-266 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	4009	100R 122.40 166.60	1-15-49 3- 7-52 1-18-73	T,Ng	Irr	Log shows alluvium to total depth; former Tex. Water Development Board water-level observation well. 3/
1/ 606	Jack Lacy	do.	1950	355	16	QTal	4048	106.95	2-28-51	T,Ng	Irr	Discharged 690 gal/min 3-11-73; obstruction at 120 feet in 1973. Former Tex. Water Development Board water-level observation well. 3/
607	W. A. Farmer	do.	1958	200	16	Tv	4010	131.68 149.05 160.73	2-10-61 1-17-67 1-17-73	T,Ng	Irr	Reported sand and clay to 150 feet; volcanic ash yields most of the water from 154-190 feet; sand and clay 190-200 feet. Reported 10 feet of drawdown at 2400 gal/min in 1960; Tex. Water Development Board water-level observation well.
608	C. D. Wyche	do.	1949	397	16	QTalTv	4023	111.57 173.67	5- 2-50 12- 7-72	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/
1/ 609	Jack Lacy	--	--	--	14	QTal	4037	195.6	12- 2-71	T,Ng	Irr	Discharged 805, 640, and 760 gal/min 8-11-66, 11-28-68 and 4-11-73.

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
HL-51-10-610	Third Land & Cattle Co.	--	1937	185	6	QTal	4002	75.52 149.90 152.85	2- 9-51 12- 2-71 1-18-73	C,W	S	Former Tex. Water Development Board water-level observation well.
1/ 611	do.	--	--	--	14	QTal	4002	156.6	do.	T,Ng	N	Not pumped in 1972-73.
1/ 612	Dick Guest	L. W. Stratton	1949	340	16	QTal	4030	184.3	12- 2-71	T,Ng	Irr	Log shows alluvium to total depth. 3/
1/ 613	do.	--	--	350	16	QTal	4022	175.6	11-30-71	T,Ng	Irr	Discharged 600 gal/min 1-16-73.
1/ 614	Third Land & Cattle Co.	H. E. Stanton	1971	625	16	QTalTv	4033	146.2 150.7	12- 1-71 1-17-73	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	4018	172.78 174.82 176.50 180.41	1-13-70 1-18-71 3- 6-72 2-21-73	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?	4033	114R 177.54	4-15-49 2-10-69	N	N	Formerly State well no. HL-51-11-401; pumping level at about 140 feet discharging 650 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?	4025	95.32 98.97 160.75 162.36	6-22-49 2-28-51 12- 2-71 1-17-73	T,E, 100	Irr	Formerly State well no. HL-51-11-404; log shows alluvium to 384 feet with interval of "black lime" 127-155 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	4028	114R 110.52	9- -49 11-17-50	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 542, 350, 388, and 520 gal/min 9-12-51, 8-11-66, 7-19-67, and --29-68. Former Tex. Water Development Board water-level observation well. 3/
619	Jones Bros.	--	--	--	16	QTal	4008	--	--	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	4030	154.4 156.4	12- 1-72 1-17-73	T,Ng	Irr	

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 Prestidio Nelson--Continued

Well	Owner	Driller	Date completed	Depth of well (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (+) or below land surface datum (feet)	Date of measurement			
HL-51-10-621	Gary Stratton	L. W. Stratton	1950	--	14	QTal	3993	110.2 191.0	2-28-51 1- 5-72	T,Ng	Irr	
622	Arnold & Lacy	--	1952	--	14	QTal	4030	146.5 150.2	11-30-71 1-18-73	T,Ng	Irr	
623	James Lane	R. A. Foster & J. M. Wilkes	1974	--	14	QTalTv	3989	--	--	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 511 feet.
901	Thomas Griffen	--	1953	400	16	QTal	4050	133.60 168.90 189.35	1-26-53 1-27-65 1-18-73	T,G	Irr,S	Pumped only for stock supply in 1972-73; Tex. Water Development Board water-level observation well. <u>2/</u>
902	do.	L. W. Stratton	1950	400	--	QTal	4047	129.80 170.23	6-11-50 1-17-67	N	N	Destroyed irrigation well; log shows alluvium to total depth. Former Tex. Water Development Board water-level observation well. <u>3/</u>
903	C. D. Wyche	--	1956	--	12	QTal	4053	161.07 150.96 161.51	2-10-61 1-27-65 1-18-73	T,G	N	Formerly State well no. HL-51-11-701; not pumped in 1972-73. Tex. Water Development Board water-level observation well.
904	Third Land & Cattle Co.	--	--	420 ¹	16	QTal	4047	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	4020	214.2	1-16-73	S,E	D,S	Drilled on north side of Solo Hill, outcrop of volcanic (trachyte) rock.
102	Kesey-Weinacht	--	--	455	16	QTalTv	4062	259.2	do.	N	N	Unused irrigation well.
301	J. F. Garren	J. H. Barrow	1971	275	7	Tv	4410	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. <u>3/</u>
401	Kesey-Weinacht	--	old	230	5	Tv	4202	205.8	1-16-73	C,W	S	
402	Pete Green	L. W. Stratton	1949	390	16	QTalTv	4042	120R 141.06 181.58	9- -49 5-10-50 1-17-73	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. <u>3/</u>

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ HL-51-11-403	Third Land & Cattle Co.	L. W. Stratton	1949	422	16	QTallTv	4042	105.78 158.98 179.07	6-22-49 2-10-72 1-17-73	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 65-85 feet. Tex. Water Development Board water-level observation well. 2/ 3/
PS-51-11-801	C. C. Means	--	old	345	8	Tv	4222	319.4	6-23-72	C,W	S	Called "Segundo" well.
901	do.	--	old	470	8	Tv	4416	434.3	do.	C,W	S	Called "Crosby" well; discharged 1.75 gal/min 6-23-72; specific conductance, field test 440 umho/cm.
12-201	do.	--	--	180	5	Tv	4338	166.6	6-22-72	C,W	S	Called "Hugeye" well; specific conductance, field test 900 umho/cm.
1/ 301	H. O. Means	--	--	87	6	Qal?	4243	77.6	do.	S,E, 1.5	S	Called "Creek" well; located on east bank of Nanton Draw at ranch headquarters.
501	C. C. Means	--	--	400	6	Tv	4465	386.1	do.	C,W	S	Called "Esperanza" well; specific conductance, field test 550 umho/cm.
801	do.	--	--	350	6	Tv	4408	326.2	3-27-72	C,W	S	Called "Ventura" well; discharged 3 gal/min 3-28-72; specific conductance, field test 450 umho/cm; reports water is corrosive.
7/ 901	do.	--	old	59	6	Qal?	4443	25.6	6-23-72	N	N	Called "Hayfield" well; formerly supplied abandoned ranch house; reported weak supply.
13-501	H. O. Means	--	--	450	6	Tv	4445	412R	1959	C,W	S	Called "Bellis" well; pump set at 440 feet; discharge an estimated 5 gal/min 5-30-59.
701	do.	--	--	400	6	Tv	4403	372R	1958	C,W	S	Called "Blue-mile" well; 16-foot mill and 3-inch column pipe.
PD-51-17-201	Noody Bennett	John McSpadden	1947	113	6	QTall?	3600	110.8	3-13-74	C,W	S	Owner's no. 6 well.
1/ 202	Bailey Evans	--	--	234	6	QTall?	3719	227.6	do.	C,W	S	Called "Escondido" well.
1/ 301	Huber Corp.	L. W. Stratton	1950's	455	5	QTall?	3906	432.1	do.	C,W	S	Owner's no. 18, pumping 6 gal/min 3-13-74.
501	Noody Bennett	--	--	spring	--	Qal	3383	F	--	N	S	"Mesquite" spring; estimated flowing 12-15 gal/min in 1-74 and 3-74; specific conductance, field test 4-0 umho/cm.
PS-51-17-601	Bailey Evans	John McSpadden	1947	230	6	K or Tv?	3670	190.8	3-14-74	C,W	S	Owner's no. 3; reported drilled into hard rock with blue-gray and brown rock 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 Prestite-Bolton--Continued

Well	Owner	Driller	Date completed	Depth of well (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ PD-51-17-701	Moody Bennett	L. W. Stratton	1954	100	16	Qal?	3152	30.8	3-12-74	T,E,30	Irr	Reported discharged 1500 gal/min, pumping level about 54 feet in 1961 and 64 feet in 1974; log shows silt and conglomerate to 10 feet and alluvium below. <u>2</u>
1/ 702	do.	do.	1954	100	16	Qal?	3145	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 80-100 feet; large black boulders from about 64-92 feet (main water zone).
PS-51-17-801	do.	Fred Scroggins	1963	130	6	QTal	3206	113.6	do.	C,W	S	
901	Bailey Evans	John McSpadden	1946	237	6	Tv or K?	3634	206.6	3-14-74	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?	3637	233.5	do.	C,W	S	Owner's no. 4; reported strong supply and good quality.
903	do.	--	--	spring	--	Qal?	3360	F	--	--	--	"Catcher" spring; estimated flowing 3 gal/min 3-15-74; specific conductance, field test 650 umho/cm.
1/ PS-51-19-101	H. & C. Thaniach	L. W. Stratton	1949	448	16	QTal	4085	134R 176.60	4- -50 1-24-64	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 Tex. Water Development Board water-level observation well. <u>2</u>
102	do.	do.	1951	436	14	QTal	4083	142.71 186.43 185.65	2-28-51 4-13-72 1-19-73	T,G	Irr	Casing slotted 100-430 feet; set 6-inch column pipe; reported pumped 200-300 gal/min in 1951; former Tex. Water Development Board water-level observation well.
103	Third Land & Cattle Co	--	old	--	6	QTal	4093	142.55 145.05 150.95	7-21-43 2- 9-51 3- 7-52	N	N	Abandoned and replaced by well PS-51-19-110, 25 feet west; former Tex. Water Development Board water-level observation well.
1/ 104	Olen Lane	L. W. Stratton	1950	480	16	QTal	4092	136.35 182.48 201.90	5- 2-50 2-10-62 1-19-73	T,E, 100	Irr	Set 16-inch casing to 322 feet and 12-inch 280-480 feet; perforated 322-480 feet. Drawdown of 53 feet pumping 770 gal/min for 7 days in 6-51; Tex. Water Development Board water-level observation well. <u>2</u> <u>3</u>
105	John Hancock Co. (Ted Brewster)	do.	1950	500	16	QTal	4094	141.14 175.40	5- 2-50 2-10-61	T,G	Irr	Casing: 16-inch to 377 feet, 12-inch 356-500 feet; perforated 429 feet of pipe; log shows shale, ss, l, and gravel to total depth; specific conductance, field test 340 umho/cm. Reported pumped 1000 gal/min in 1950; former Tex. Water Development Board water-level observation well. <u>2</u>
106	do.	--	--	--	14	QTal	4093	157.63 160.69	1-24-50 1-19-50	T,G	Irr	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 Belenos--continued

Well	Owner	Driller	Date completed	Depth of well (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (+) or below land surface datum (feet)	Date of measurement			
PS-51-19-107	John Hancock Co. (Ted Brewster)	L. W. Stratton	1950	--	--	QTal	4094	141.13 142.20	4-18-50 5- 2-50	N	N	Drilled to 282 feet, well caved, casing pulled and well abandoned in 1955. Former Tex. Water Development Board water-level observation well. 2/
108	do.	do.	1949	450	16	QTal	4092	139.91 142.30 159.99	4-18-50 2- 9-51 1-24-55	N	N	Casing: 16-inch to 307 feet, 14-inch 260-450 feet; reported tested at 1100 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 Tex. Water Development Board water-level observation well. 3/
109	Third Land & Cattle Co.	--	1937	355	7	QTal	4118	169.7 196.06 235.83	7-21-43 1-29-57 5-17-73	C,W	S	Former Tex. Water Development Board water-level observation well.
110	do.	--	1953	235	6	QTal	4093	168.50 209.40	1-19-56 4-13-72	C,W	S	Former Tex. Water Development Board water-level observation well.
111	John Hancock Co. (Ted Brewster)	--	--	--	14	QTal	4098	206.7	1-19-73	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 Lanf)	--	--	--	14	QTal	4103	--	--	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	4080	186.0	6-22-72	T,E,50	Irr	Casing perforated 210-660 feet; set 260 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	4062	124.3 147.60	7-21-43 1-17-58	N	N	Dry hole in 1960, formerly supplied Chispa-Van Horn Creek railroad spur. Former Tex. Water Development Board water-level observation well.
202	C. C. Means	L. W. Stratton	1969	425	6	QTal	4105	158.5 205R	8-23-43 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.
203	do.	Emmitt Harrell	1948	447	16	QTal	4102	159.3 190.43 209.07	2-28-51 2-10-63 6-16-73	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. Tex. Water Development Board water-level observation well. 3/
301	John Eudy	L. W. Stratton	1950	583	16	QTal	4139	197.29 230.82 247.59	6-13-50 2-10-62 1-19-73	T,E, 100	Irr, D,S	Set 290 feet 8-inch column pipe and 5 stages of 8-inch 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. Tex. Water Development 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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
FS-51-19-302	Jim Cook	Fred Scroggins	1953	830	16	QTal	4130	194.75 196.58 225.85	1-24-55 1-19-56 1-19-73	T,E,50	Irr, D,S	Set 300 feet 6-inch column pipe; former Tex. Water Development Board water-level observation well.
303	John Eudy	do.	1953	483	16	QTal	4127	204.65 235.55 237.79	1-19-56 6-20-72 1-19-73	T,E	Irr	Set 290 feet 8-inch column pipe; discharged 635 gal/min 6-16-73. Former Tex. Water Development Board water-level observation well.
304	C. C. Means	--	old	312	5	QTalTv	4184	282.7	6-21-72	C,W	S	Called "Verendo" well.
801	J. K. Miller Est.	--	1930	450+	6	QTalTv	4416	220.6	9-26-72	C,W	S	Called "96" well; specific conductance, field test 500 umho/cm.
901	R. C. Ridley Est.	--	--	--	5	QTal	4173	163.0	9-27-72	C,W	S	
902	J. K. Miller Est.	--	1931	170	6	QTal	4197	109.35 114.82	1-24-55 12- 7-72	C,W	S	Formerly State well no. FS-51-27-301; owner's "two-section" well. Tex. Water Development Board water-level observation well.
20-201	C. C. Means	--	--	265	6	Tv	4440	244.4	6-21-72	C,W	S	Called "Ocatea" well.
301	do.	--	--	292	5	Tv	4422	253.3	do.	C,W	S	Called "Crow" well.
401	Mrs. Fordbell Est.	--	--	280	6	QTalTv	4205	244.0 254.9	6-21-61 9-23-72	C,W	S	Discharged 2 gal/min 9-27-72.
402	Southern Pacific Railroad	--	old	270	7	QTalTv	4210	237.4 259.8	8-13-48 9-23-72	N	N	Formerly supplied section house at Wendell siding.
501	Alfred Means	--	1950's	360	8	QTalTv	4320	329.2	9-25-72	C,W	S	Owner's "Sauerkraut" well.
801	do.	--	--	375	8	QTalTv	4323	318.9	9-27-72	C,W	S	Owner's "Caliche" well; drilled for highway construction; converted to stock well.
21-101	do.	--	1942	350	8	Tv	4488	312.3	9-25-72	C,W	S	Called "Butterfield" well; set 345 feet 8-inch column pipe; discharged 3 gal/min 9-25-72.
201	do.	--	--	432	6	Tv	4595	414.4	9-22-72	C,W	S	Owner's "Sachusta" well; reported weak supply.
501	do.	--	old	460	7	Tv	4608	442.0	do.	C,W	S	Called "Antelope" well.
701	do.	Emmitt Harrell	1950	365	16	Tv	4532	12.9	9-25-72	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	5058	78.6	10-10-72	C,W	S	Owner's "Pipeline" well; set 100 feet 3-inch column pipe; discharged 2 gal/min 10-10-72.

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 Belson--Continued

Well	Owner	Driller	Date completed	Depth of well (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (+) or below land surface datum (feet)	Date of measurement			
1/ PS-51-22-801	Lynn Crittendon	--	1950's	200	8	Tv	5130	139.6	10-10-72	T,G	D,S	North well at ranch headquarters; reported discharge 125 gal/min; pumps air at 200 gal/min.
1/ UW-51-25-201	L. Moody Bennett	John McSpadden	1950	48	16	Qal	3084	14.0	3-19-74	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 2000 gal/min in 1974; pumping water level 41.8 feet in 1961.
1/ 202	do.	--	--	68	16	Qal	3082	6.3	3-18-74	T,E	Irr	Originally drilled to 70 feet; 10-inch pump set at 57 feet; 1000 gal/min measured, 20 gal/min/ft specific capacity reported in 1974.
1/ 203	do.	Wayne Blair	1971	70	5	Qal	3115	30.9	do.	S,E	S	Estimated 12-15 gal/min in 1974; field specific conductance 3300 umho/cm, temperature 21°C.
1/ 204	do.	do.	1970	51	5	Qal	3081	11.5	do.	N	N	Originally drilled to 80 feet.
1/ 205	do.	John McSpadden	1952	65±	16	Qal	3075	4.6	3-20-74	N	N	Irrigation well unused since 1956; 800-900 gal/min estimated in 1956?; water salty.
1/ PS-51-25-301	do.	--	--	spring	--	--	3235	--	--	--	S	Ash Spring, 10-15 gal/min estimated in 1974.
1/ 302	do.	--	--	spring	--	--	3230	--	--	--	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.
1/ UW-51-25-303	do.	L. W. Stratton	1953	100	6	Qal	3129	55.8	3-17-74	S,E	D	South of 2 wells; pump set at 97 feet; field specific conductance 2200 umho/cm, temperature 21.5°C.
1/ 305	Jim Barrow	Poker Harris	1952	54	18	Qal	3082	14.4	3-20-74	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 3000 umho/cm.
1/ 306	do.	do.	1952	40	18	Qal	3077	10.98	do.	T	N	Unused irrigation well, not completed; cased and perforated 0-40 feet; 8-inch pump set at 35 feet.
1/ 601	Dick Guest	--	1950's	60	16	Qal	3062	8.2	6-5-74	T,E	Irr	10-inch pump; 1000 gal/min and salty water reported.
1/ 602	do.	--	--	204	18	Qal	3063	6.6	do.	J,E	S	Irrigation well used for stock supply; 18 gal/min measured in 1974.
1/ 603	do.	--	--	96	14	Qal	3063	7.8	do.	T,E	N	Unused irrigation well; 8-inch pump; field specific conductance 4000 umho/cm, temperature 19°C.
1/ 604	do.	--	--	83	8	Qal	3102	51.2	do.	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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
UV-51-25-605	Dick Guest	Donham Drilling Co.	1961	23	18	Qal	3065	8.9	6-5-74	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. <u>3/</u>
606	do.	R. A. Foster	1963	120	8	QTal	3075	30R	8-6-63	C,E	D,S	Cased to 120 feet, perforated 90-118 feet. <u>3/</u>
901	do.	--	1940's	37	5	Qal	3060	17.7	6-5-74	C,E	D,S	Field specific conductance of water in tank 6000 umho/cm.
1/ PS-51-27-301	J. K. Miller Est.	Chil Ridley	1949	304	16	QTal	4215	94.48 96.92 99.70 102.47	1-24-55 1-31-57 1-1-58 9-26-72	T,G	D,S, Irr	Formerly State well no. PS-51-27-602; set 150-foot 10-inch column pipe, 3 stages of 14-inch bowls; reported pumps 1000 gal/min. Former Tex. Water Development Board water-level observation well.
302	do.	L. W. Stratton	1948	425	20	QTal	4254	78.31 80.62 74.70	1-24-55 1-27-65 12-7-72	T,G	Irr	Formerly State well no. PS-51-27-604. Casing: 10-inch to 200 feet; 7-inch 200-425 feet, slotted; reported main water zone is gravel in interval 300-285 feet; log shows alluvium to total depth. Production of 49 feet pumping an estimated 250 gal/min 9-19-60, reported discharge 375 gal/min in 1970. Tex. Water Development Board water-level observation well. <u>2</u>
501	do.	--	1945	275	8	Tv	4473	227.1	9-26-72	C,W	S	Owner's "Roosevelt" well.
601	do.	--	--	147	6	QTalTv	4358	131.8	do.	C,W	S	Owner's "Gydell" well.
UV-51-27-602	Clay Miller	--	1951	195	6	QTalTv	4424	173.1	11-10-72	N	N	Standby well for ranch headquarters.
603	do.	--	--	spring	--	Tv	4600	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.
601	do.	--	--	spring	--	Tv	5150	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	4290	291.8	9-26-72	C,W	S	
301	Frist & Peavyhouse	--	--	320	5	QTalTv	4370	307.4	9-27-72	C,W	S	
1/ 302	Two-Bar Land & Cattle Co.	Wheeler Cess	1975	922	16	QTalTv	4372	312R	6-75	T,E, 500	Irr	Owner's test no. 10, well no. 1; set 16-inch black 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-foot 10-inch column pipe; reported pumping 1400 gal/min 4-76. <u>3/</u>
601	Alfred Roosevelt	James Cess	old	435	6	QTalTv	4360	305.2 313.7	3-24-55 4-24-72	C,W	S	Called "Vaca Muerte" well; reported weak supply; deepened 360-435 feet 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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ PS-51-28-602	Alfred Roosevelt	--	1931	107	6	QTal	4325	--	--	C,W	S	Called "Foley" well; taps shallow alluvial or lake deposits.
1/ 603	Two-Bar Land & Cattle Co.	Wheeler Case	1975	620	16	QTalTv	4332	--	--	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 1250 gal/min for 12 hours during development test; electric log. 3/
604	do.	Dick Baker	1974	450	5	QTal	4355	--	--	--	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 635-910 feet. 3/
1/ LW-51-28-701	King Ranch, Inc.	Chil Ripley	1956	1001	7	Tv	4535	382.3 383.4	3- -56 4-18-74	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 1001 feet, set 5 1/2-inch liner, slotted 384-1001 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 87-1001 feet.
1/ 801	Alfred Roosevelt	--	old	400	7	QTalTv	4325	263.2	11- 9-72	S,E,2	D,S	South well of 2 at ranch headquarters.
1/ 901	Worth Evans	Lee Murphy Drilling Co.	1971	320	6	QTalTv	4355	212.3 211.2	3-22-55 9-10-73	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 150 feet; volcanic rock 180-198 feet; and clay, sand, and gravel 198-320 feet. 3/
1/ 902	Clay Evans	Hayden-Farmer Drilling Co.	1974	375	2	QTalTv	4370	224.4 223.0 223.6	5- 1-73 6-19-74 3-15-76	N	N	U.S. Geological Survey Clay Evans no. 1 water-test hole; drilled and logged to 2000 feet; progressively plugged back and jetted. Water samples from intervals 1135-1165, 971-1001, 850-860, 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.

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
PS-51-29-101	Alfred Means	--	old	295	5	QTal	4455	211.1 211.4	9-22-72 8-14-73	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	8370	--	--	4448	--	--	--	--	Oil test O. H. Killam Cole Means no. 1; reported alluvial deposits to 528 feet; tertiary volcanics 518-6560 feet; and cretaceous rocks 6560-8170 feet. Sample log; electric log 1099-6350 feet. <u>3/</u>
1/ 103	Valentine Ind. School Dist.	R. A. Foster	1962	407	7	QTal	4443	210R	10- -62	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	4433	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	4426	313.4	2- 8-74	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. <u>3/</u>
401	Worth Evans	--	--	260	5	QTal	4475	241.4	11- 6-72	C,W	S	Discharged 2 1/4 gal/min 11-6-72; specific conductance field test 310 umho/cm.
402	do.	--	--	345	7	QTal	4435	254.8	8-14-73	C,W	D,S	
1/ 801	do.	--	1937	400	7	QTalTv	4534	307.3	9-29-72	C,W	S	Supplied water for drilling oil test, H. D. Wilcox, Jones and Coffield no. 1; 150 feet east. Oil test drilled to 3747 feet and abandoned; scout ticket shows "hole full of water" at 2615 feet and in interval 2910-2990 feet (in cretaceous?).
LW-51-29-901	do.	--	1950	355	5	QTal	4614	316.4	11- 6-72	C,W	S	Discharged 3 gal/min in strong wind 11-6-72; specific conductance, field test 170 umho/cm.
1/ PS-51-30-301	Ben Gearhart, Jr.	--	1957	135	4	Tv	5400	--	--	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.

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
PS-51-30-601	Jones Cattle Co.	--	--	10	4	Tv	5160	F	11- 8-72	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	4956	363.8	9-28-72	N	N	Supplied water for drilling oil test, C. N. Joiner, et al, Jones & Coffield no. 1 at this location; oil test drilled to 5042 feet and abandoned. Log of oil test shows "granite wash" (slope wash) to 225 feet; mostly lava, conglomerate, gravel, sand, ash, and clay (volcanics) 225-3844 feet; and hard and soft lime (cretaceous) 3844-3977 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 1034 feet.
31-701	Dunham Land Inc. (Berrel Springs Ranch)	--	--	150	5	Tv	5398	14.0	11- 8-72	S,E,15	D,S	
702	do.	--	old	15	48	Tv	5280	11.2	do.	C,W	N	West well at ranch headquarters; dug, rock wall to total depth.
LV-51-34-301	Gulf Coast Realty Co.	--	1940's	162	5	Tv	3612	148.5	6- 5-74	C,W	S	"Soldier Hill" well; field specific conductance 950 umho/cm.
302	I. T. May	--	1950	500	5	Tv	3738	248.6	6- 6-74	C,W	S	"Quinn Hill" well.
401	Julio Sanchez	--	1974	21	10	Qal	3012	5.5	6-16-74	Cf,G	Irr,S	Originally drilled to 35 feet; 30 gal/min estimated in 1974.
601	Gulf Coast Realty Co.	--	--	spring	--	--	3440	F	--	--	D,S	"Quinn Camp" spring; 3 gal/min estimated 6-5-74; field specific conductance 600 umho/cm, 23°C.
901	do.	--	--	spring	--	--	3350	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	3966	81.7	6- 5-74	C,W	S	"Tunnel Hill" well, originally drilled for water supply for oil test (LV-51-35-403); field specific conductance 4800 umho/cm.
401	do.	--	--	spring	--	--	3720	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	5004	12	--	3882	--	--	N	N	Stanolind Oil & Gas Co. Presidio Trust no. 1 oil test; electric log 500-5004 feet.
403	do.	N. B. Hunt	1953	8111	13	--	3845	--	--	N	N	N. B. Hunt Toodle Trust no. 1 (Presidio Trust no. 1) oil test; cased to 524 feet; electric logs 524-8108 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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
UV-51-35-801	I. T. May	--	--	spring	--	--	4000	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	--	--	3830	--	--	C,W	S	Good water quality reported.
803	W. R. Loveless	--	--	spring	--	--	4000	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 Co.	1962	595	5	QTalTv	4540	255R	7- 6-72	N	N	Owner's test hole no. 4, casing slotted 542-553 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. <u>3/</u>
201	do.	do.	1972	830	7	QTalTv	4536	340R	6-23-72	N	N	Test hole no. 2, casing slotted 640-680 feet; log shows soil, clay, sand, and 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. <u>3/</u>
202	Conring	H. D. Wilcox	1946	4523	--	--	4483	--	--	--	--	Oil test H. D. Wilcox Conring no. 1; reported base of "lava" at 2020 feet.
301	Jones & Coffield	H. D. Wilcox, et al	1940	2384	--	--	4395	--	--	--	--	Oil test H. D. Wilcox Jones & Coffield no. 3; electric log and driller's reports indicate base of volcanics (top of cretaceous) at 1965 feet.
302	Nancy Ann Ranch	Virdell Drilling Co.	1966	345	7	QTalT	4455	276R	1966	C,W	D,S	Casing slotted 316-345 feet; log shows clay and sand to total depth <u>3/</u>
401	King Ranch, Inc.	--	1939	390	4	QTalTv	--	--	--	--	--	
501	do.	West Texas Exploration Co.	1972	740	--	QTalTv	4625	350R	6-29-72	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. <u>3/</u>
502	do.	do.	1972	755	--	QTalTv	4660	468R	6-16-72	N	N	Test hole no. 1. <u>3/</u>
601	Nancy Ann Ranch	Wheeler Case	1971	750	16	QTalTv	4520	315R 318R	11-20-71 10- -74	T,G	Irr	Drilled 26-inch hole, set 16-inch casing, slotted 450-750 feet, gravel packed with 87 yards; set 400 feet 10-inch column pipe; reported drawdown of 26 feet pumping 1400 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. <u>3/</u>

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ LW-51-36-701	King Ranch, Inc.	--	1945	240	6	QTalTv	5440	143.1 131R	3-23-55 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	3-21-55	C,W	S	
501	Gay Howard	H. H. Virdell	1972	498	5	QTalTv	--	320R	6- -72	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	10-27-72	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	11- 6-72	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 11- 7-72	C,E,5	D,S	Casing slotted 410-450 feet; brief driller's log. 3/
501	Dunham Land, Inc.	Leatherwood Drilling Co.	1973	3463	8	--	--	--	--	N	N	Owner's test hole no. 1; electric log 307-3456 feet, radioactive log 3100-3125 feet, fluid resistivity log to 3000 feet, and temperature log to 2095 feet.
801	Worth Evans	Sinclair Oil & Gas Co.	1962	9420	--	--	4672	--	--	--	--	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 380-4780 feet. Base of tertiary volcanics (top of cretaceous limestone) at 4780 feet; sample log to 5400 feet, electric and caliper logs 4002-9424 feet.
42-301	I. T. Mey	--	--	spring	--	--	3170	F	--	--	S	Widow spring; flowing an estimated 2-3 gal/min in 1974; field specific conductance 3800 umho/cm, 25°C.
601	Richard Hooper	Gulf Oil Corp.	1960?	--	3	--	2967	--	--	C,W	D,S	Seismic shot hole converted to water well, 3 gal/min estimated in 1974; field specific conductance 5900 umho/cm, 21.5°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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ CW-51-43-101	I. T. May	Gulf Oil Corp.	1963	8815	8	K	3454	F	--	--	S	Gulf Oil Corp. Swafford no. 1 oil test, drilled and logged to 8815 feet; bottom-hole temperature at 3375 feet is 145°F, at 8283 feet is 170°F, and at 8615 feet is 213°F; set and cemented 12 1/4-inch casing to 936 feet; reported flow 1500 gal/min with 2011 mg/l dissolved solids and temperature of 173°F from a zone in cretaceous rocks at 2868 feet. Set 8 3/4-inch casing to 3574 feet, flow estimated at 1000 gal/min 11-30-65; gamma-ray and sonic logs to 3550 feet.
102	do.	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. <u>2</u>
1/ 43-201	W. R. Loveless	Gulf Oil Corp.	1964	6208	7	K	3236	F	--	--	Irr	Gulf Oil Corp. Presidio Trust "B" no. 1 oil test; formerly State well no. LW-51-43-501; drilled to 6208 feet; set and cemented 8 5/8-inch casing to 512 feet and 7-inch to 3593 feet. Converted to irrigation well; reported flows 2200 gal/min, water temperature 180°F; gamma-ray log to 3816 feet.
301	King Ranch, Inc.	--	--	spring	--	Tv	4670	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	4240	F	--	--	D,S	Headquarters spring; 17 gal/min measured 6-8-74; field specific conductance 500 umho/cm, 22°C.
601	do.	--	--	spring	--	Tv	3840	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 1-3 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	2898	17.2	6-16-74	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. <u>2</u>
44-601	W. R. Loveless?	--	--	spring	--	Tv	4560	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	4961	543R	12-12-63	C,W	S	Set 5-inch casing to 300 feet, open hole 300-6-3 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 6-35 feet; and red, black, and green rock (volcanic) with minor amounts of red and yellow clay 54-643 feet. <u>2</u>

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
UW-51-45-201	Joe Espy	Lewis W. Welch	1952	7839	--	--	4735	--	--	--	--	Oil test, Lewis W. Welch Joe Espy no. 1; electric log to 7836 feet; sample log to 2390 feet indicates volcanic rock 30-2390 feet.
601	Nancy D. Cooper	--	--	145	6	Tv	--	18.7	10-26-72	C,E, 1/3	S	South well of 2.
602	--	--	--	350	6	Tv	--	89.0	10-27-72	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	6073	--	--	5057	--	--	--	--	Oil test, Lewis W. Welch Brite no. 1; reported tertiary volcanics to 3145 feet; cretaceous rocks 3145-5962 feet; top of permian dolomite at 5714 feet; and cambrian at 6026 feet; electric log to 6068 feet.
1/ 46-101	do.	--	1952	600	5	Tv	--	588R	1960	C,W	D,S	West well of 2 at ranch headquarters.
102	do.	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 1000 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	10-25-72	N	N	West well of 3.
51-201	Bill Middleton	H. H. Virdell	1967	50	6	Qal	2890	21.7	6-16-74	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	3230	3.9	6- 8-74	S,E	D,S	Dug well, cased with perforated culvert pipe 3-6 feet; 5-6 gal/min measured 6-8-74.
1/ 801	Frances E. Howard & Marion Walker	George McSpadden	1955	62	16	Qal	2850	--	--	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 Tex. Water Development Board water-level observation well.
1/ 802	do.	Hiles	1950	172	16	QTal	2846	6.2	6- 9-74	T,G	Irr	"Salt" well, U.S. Geological Survey no. A-2; cased and perforated 0-1727 feet; 8-inch pump, 300 gal/min reported.

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ 51-51-803	Frances E. Howard & Marion Walker	J. E. Walker & Miles	1950	60	18	Qal	2846	11.5 4.1 3.5 8.1	1-30-57 4-22-61 1-23-70 6-9-74	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. Tex. Water Development Board water-level observation well.
1/ 804	do.	Miles	1951	81	16	Qal	2838	10.0 7.6	1-30-57 6-9-74	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 Tex. Water Development Board water-level observation well.
1/ 805	do.	do.	1950	22	15	Qal	2854	15.7 10.5	1-30-57 6-9-74	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 Tex. Water Development Board water-level observation well.
806	do.	Johnson	1960	75	16	Qal	2850	10.1	do.	T,G	Irr	"Hernandez" well; 400 gal/min reported.
807	do.	--	1930's	54	72	--	2880	49.9 48.4	1-30-57 12-6-72	G,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. Tex. Water Development Board water-level observation well.
1/ 808	do.	--	prior to 1948	80	6	QTal?	2880	50.2	1-30-57	S,E	D,P	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	54x66	Qal	2860	14.2	6-8-74	N	N	Unequipped dug irrigation well with perforated concrete casing to 98 feet; field specific conductance of bailed sample 1400 umho/cm.
52-101	Bill Middleton	H. H. Virdell	1967	50	7	QTal?	3143	4.6	6-16-74	S,E	D	"Capote" well; cased to 50 feet, perforated 12-32 feet; 10 gal/min estimated in 1974; good water quality reported. 3/
201	do.	--	--	spring	--	Tv	3580	F	--	--	S	Vasquez spring; 3-4 gal/min estimated in 1974; field specific conductance 400 umho/cm, 24°C.
501	do.	--	--	spring	--	Tv	3360-3750	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; 1200-1500 gal/min reported 9-42.
502	do.	--	--	spring	--	Tv	3522	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	3350	F	--	--	D,S	Adobe Ruin spring; 3-4 gal/min measured 6-10-74; field specific conductance 550 umho/cm, 22°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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
UW-51-52-702	Bill Middleton	--	--	spring	--	Tv	3500	F	--	--	S	Nixon spring; 31 gal/min measured 6-10-74; field specific conductance 500 umho/cm, 22°C.
801	Julio & Jessie Vizcaino	Howard Bates	1972	400	6	Tv?	4350	90R	10-12-72	C,W	S	Reported 5 gal/min, good-quality water. 3/
59-201	Frances E. Howard & Marion Walker	George McSpadden	1956	53	16	Qal	2835	7.8 9.4	1-30-57 6-10-74	N	N	"Pat's" well; originally drilled to 80 feet, 400 gal/min reported in 1960's; field specific conductance of bailed sample 2000 umho/cm; former Tex. Water Development Board water-level observation well.
202	Ramone Tarango	--	--	spring	--	Qal	2875	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 600 umho/cm, 21°C.
203	Frances E. Howard & Marion Walker	--	--	spring	--	Qal	2915	F	--	--	S	Ranchita spring; 4 gal/min estimated in 1974; field specific conductance 850 umho/cm, 22°C.
204	do.	--	--	spring	--	Qal	2870	F	--	--	D,S	Rancho spring; 3-4 gal/min estimated in 1974; developed seepage area 100 feet in diameter; field specific conductance 1500 umho/cm, 26°C.
59-301	Roberto Tarango	--	1967	9	40	Qal	2950	7.0	6-8-74	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	2900	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.
501	Juan Prieto	--	--	41	6	Qal	2842	24.8	5-16-74	C,W	S	Water is salty.
601	--	--	--	spring	--	Qal	3140	F	--	--	S	Sanguijuela springs; 25x100-foot seepage area in creek bed; 1-2 gal/min estimated in 1974; field specific conductance 950 umho/cm, 27°C.
602	Andrew Briscoe, Jr.	Brulio Fuentes	1945	100	70	QTal	3330	96.1	6-10-74	C,W	S	Dug well, cased to 60 feet with concrete casing, pump set at about 100 feet.
603	State of Texas	--	--	spring	--	Qal	3020	F	--	--	S	Chupadera Pila spring; 2-3 gal/min estimated in 1974; field specific conductance 900 umho/cm, 23°C.
801	Clyde Felton	--	1955	55	24	Qal	2764	6.9	5-16-74	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 6000 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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ UW-51-60-802	Juan Benavidez	Howard Bates	1973	640	5	--	3960	--	--	C,G	D,S	Cased to 40 feet, open hole below; 10 gal/min estimated in 1974.
803	do.	Bob Cook	1941	530	6	Qal	3960	445.1	6-11-74	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	2780	49.5	5-16-74	N	N	Unequipped new stock well; field specific conductance of bailed sample 1650 $\mu\text{mho/cm}$. $\frac{3}{1}$
202	Angel Janier Rodriguez	--	1974	20	N	Qal	2751	17.5	do.	C,H	D,S	Dug well, 42-inch diameter, 2 gal/min measured 5-16-74; field specific conductance 6000 $\mu\text{mho/cm}$, 22°C.
1/ 203	Alfredo Saigado	Jim Bates	1973	37	10	Qal	2743	10.2	do.	T	N	Irrigation well, temporarily unused.
1/ 204	Ruidosa School Dist.	John McSpadden	1953	70	6	Qal	2768	26.4	do.	C,W	D	Measured 3 gal/min 5-16-74; not used for drinking.
205	Clyde Felton	--	before 1955	48	16	Qal	2754	8.2	do.	--	Irr	
206	Hugh G. Truax	--	1973	32	N	Qal	2760	28.7	do.	C,W	S	Dug well, 56-inch diameter; 3 gal/min measured 5-16-74; field specific conductance 5500 $\mu\text{mho/cm}$, 22°C.
301	W. A. Shannon	--	--	spring	--	Qal	3050	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	3080-3150	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 1000 $\mu\text{mho/cm}$, 22°C.
303	do.	--	--	spring	--	Qal	2900	F	--	--	S,R	Lower springs along Boundary Creek; 280 gal/min measured 5-12-74; field specific conductance 1100 $\mu\text{mho/cm}$, 22°C.
304	do.	--	--	spring	--	Qal	3120	F	--	--	S	Shannon spring, springs in creek bed, 15 gal/min estimated in 1974; field specific conductance 500 $\mu\text{mho/cm}$, 22°C.
501	do.	Virdell	1953	27	16	Qal	2727	5.3	5-15-74	T	N	Unused irrigation well, originally drilled to 75 feet, silted in; pump set at 48 feet; 5001 gal/min reported; field specific conductance of bailed sample 4300 $\mu\text{mho/cm}$.
502	do.	do.	1953	73	12	Qal	2726	4.1	do.	N	N	Southwest of LW-74-03-501, 500 gal/min reported; field specific conductance of bailed sample 4000 $\mu\text{mho/cm}$.

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
LW-74-03-503	W. A. Shannon	McSpadden Bros.	1953	53	7	Qal	2761	28.7	5-15-74	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	2765	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	2720	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	2720	7.8	do.	T,G,40	Irr	South well of 2, originally drilled to 64 feet, perforated 5-60 feet, 8-inch pump; 500 gal/min estimated in 1974.
903	do.	--	before 1951	11	30	Qal	2718	--	--	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	3517	101.6	6-11-74	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. 3/
201	do.	Jones	1948	490±	6	QTal	3845	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	4004	--	--	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?	3800	--	--	C,G,W,5	D,S	Field specific conductance 950 umho/cm, 32.5°C.
204	Juan Benavidez	Grantham	about 1965	300	6	Ps, K, or Tv?	4304	--	--	C,W	S	Perforated below 15 feet; 3 gal/min, good-quality water reported.
301	Willie Brown	--	--	spring	--	K?	4180	F	--	--	Irr,S	"Ojo Jardin" spring; 35 gal/min estimated in 1974; field specific conductance 600 umho/cm, 27°C.
1/ 401	Augustin Nunez	Jones?	about 1950	200	6	QTal	3262±	1.1	3- 7-73	C,G,W,3	S	"West" well, perforated below 20 feet.
402	State of Texas	--	--	spring	--	QTal	3140	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	3100	F	--	--	S	Estimated 3 gal/min in 1973; field specific conductance 500 umho/cm, 19°C.
1/ 501	Augustin Nunez	Jones?	1947	300	6	QTal	3574±	214.8	3- 7-73	C,W	P,S	Perforated below about 10 feet; 3 gal/min measured 3-7-73.

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (+) or below land surface datum (feet)	Date of measurement			
EW-74-04-801	Cletus Davis	H. H. Virdell	--	306	--	QTal	3433	116.9	4- 8-74	C,W	S	Measured 4 gal/min 4-8-74; field specific conductance 850 umho/cm, 25°C.
1/ 802	Juan Dominguez	--	--	6.5	33x48	T1	3500	0.0	do.	C,W	S	Well dug in rock (developed spring?), commonly flows.
803	do.	--	--	spring	--	QTal	3340	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 T1	3610	84.9	4- 8-74	C,W	S	Measured 3-4 gal/min 4-8-74.
902	P. T. Cattle Co. (Hacienda Mesquite Ranch)	--	--	660±	5	QTal or T1	4030	--	--	C,E,S	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	2697	7.4 13.9	6-20-61 5-14-74	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 Dominguez	H. H. Virdell	1965	252	7	QTal	3039	62.2	4- 8-74	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/
8 102	do.	--	--	spring	--	QTal	2770	F	--	--	S	"San Jose" spring; 2 gal/min measured 5-15-74; field specific conductance 3000 umho/cm, 21°C.
1/ 201	do.	--	before 1953	387	6	QTal	3274	81.1	4- 6-74	C,W	S	Measured 3-4 gal/min 4-6-74.
202	do.	--	old	20±	3	QTal	3310	5R	4- -74	C,W	S	Reported 2-3 gal/min, good-quality water.
1/ 401	do.	--	1950's	47	32	Qal	2719	36.8	4- 5-74	J,G,2	D	Measured 10 gal/min 4-5-74.
1/ 601	P. T. Cattle Co.	--	about 1945	22	48x48	QTal	3228	4.3	4- 3-74	C,W	S	Measured 3 gal/min 4-3-74.
602	do.	--	1945	4	54x42	QTal	3232	+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	2655	8.4	4- 5-74	S,E,1	S,D	Originally drilled to 50 feet.
802	Nick Puentes	Candelario Granado	1963	14	36	Qal	2650	6.3	3-21-73	Cf,G,3	S	Estimated 8-10 gal/min in 1973; field specific conductance 1950 umho/cm, 18°C.
803	J. S. Livingston	--	1950	49	16	Qal	2645	8.9	6-20-61	N	N	Unused irrigation well; north well; formerly State well no. EW-74-12-801; field specific conductance of bailed sample 12000 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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ 1/ W-74-13-101	F. T. Cattle Co.	--	--	365	6	QTal	3640	316.6	4- 4-74	C,E,3	S	"Pelillos Arroyo" well; 6 gal/min estimated in 1974.
1/ 102	do.	--	about 1957	274	8	QTal	3718	240.8	do.	C,G,W	S	Estimated 4 gal/min in 1974.
401	do.	--	1945	12	36x36	QTal	3290	1.2	4- 3-74	S,E	D	Estimated 10 gal/min in 1974; field specific conductance 480 umho/cm, 24.5°C.
402	do.	--	--	301	8	QTal	3635	272.0	4- 4-74	C,W	S	Measured 4 gal/min 4-4-74; field specific conductance 700 umho/cm.
601	Jesuita Gonzales	--	--	spring	--	QTal	4079	F	--	--	D,S	"Spencer" spring; 10 gal/min estimated in 1974; good-quality water reported.
1/ 701	Simon Gonzales	--	--	spring	--	QTal	3180-3280	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	2628	9.4	6-20-61	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	2624	7.8	5-13-74	N	N	Unused irrigation well; 5-inch pump, 300 gal/min reported when in use.
203	do.	--	1951	48	16	Qal	2625	4.8	do.	N	N	Unused irrigation well; perforated 0-48? feet; 8-inch pump; field specific conductance of bailed sample 20000 umho/cm.
204	do.	H. H. Virdell	1968	71	5	Qal	2660	41.9	5-14-74	S,E, 3/4	D	"House" well; originally reported 74 feet deep; 12-13 gal/min estimated in 1974; field specific conductance 12000 umho/cm, 19.5°C.
205	J. S. Livingston	--	1950's	31	16	Qal	2634	9.9	4- 6-74	T,E,4	Irr	Reported 500 gal/min; 6-inch pump.
1/ 601	Dolores Calderon	--	about 1960	20	36	Qal	2620	11.6	10- 4-73	B,H	S,D	
602	Simon & Genero Gonzales	--	about 1952	45	15	Qal	2618	8.8	do.	Cf,G,3	S	Irrigation well currently used for stock supply; 300 gal/min reported when used for irrigation; field specific conductance 4200 umho/cm, 22°C.
901	Victor Ochoa	Jones	1949	74	16	Qal	2595	19.5R	10-20-49	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	2598	10.9	10- 4-73	T,G	Irr	Owner's no. 2 (north well of 2); 5-inch discharge pipe; 500 gal/min and salty water reported, unused for several years.

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above (+) or below land surface datum (feet)	Date of measurement			
UW-74-20-903	Gustavo Garcia	Mac Tarwater	1949	42	16	Qal	2598	11.5	10- 4-73	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 6000 mg/l dissolved solids) reported when in use.
904	Charlie Spencer	--	about 1968	13	36	Qal	2608	9.9	do.	Cf,G,3	D,S	Originally dug to 16 feet, concrete casing perforated below 1 foot; 15 gal/min estimated in 1973; field specific conductance 1400 umho/cm, 23°C.
905	Gustavo Garcia	--	1970	15	36	Qal	2611	4.8	do.	B,H	S	Owner's no. 2, originally dug to 18 feet.
906	do.	--	1973	23	36	Qal	2609	20.7	do.	Cf,G,2	S	Owner's no. 3, north well; concrete casing perforated below a depth of 1 foot.
21-801	Jesus & Manuel Soza	--	--	spring	--	QTal	2770	F	--	--	S,R	"Chupadera" springs, 5-6 gal/min estimated in 1974.
22-201	Lely Ranch	McSpadden	1940's	46	6	QTal	3187	35.4	2-18-74	C,W	S	Measured 6 gal/min 2-18-74.
401	do.	--	about 1945	397	6	QTal	3289	388.6	do.	C,W	N	Unused stock well, good-quality water reported.
501	do.	--	1940's	18	32	Qal	3150	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	3086	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	3129	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	2944	15.8	2-17-74	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	2983	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	8772	16	--	3460	--	--	N	N	Oil test, Wesley West & H. C. Cockburn Presidio Trust no. 1; reported water at 1230 feet, water level rose to 234 feet.
902	do.	J. McSpadden	1942	396	6	QTal	3092	329.0	2-16-74	C,W,G, 5	S	Originally drilled to 410 feet; 5-6 gal/min estimated in 1974; reported drilled mostly through hard conglomerate.

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Date of measurement	Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)					
LW-74-23-101	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.
23-601	Big Bend Ranch Corp.	--	--	spring	--	Tv or K?	--	F	--	--	S,R	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	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?	3170±	8.7 8.2	11-22-49 6-18-74	C,W	S	S	Old Ocatillo siding well, formerly State no. LW-74-23-501; 6 gal/min estimated in 1974; perforated concrete casing 1-12 feet; field specific conductance 750 umho/cm, 16°C.
24-201	Santa Fe Railroad	McSpadden Bros.	1930	694	4	K?	3483	F	--	--	--	Ind	Flowed an estimated 30 gal/min in 1974; bedrock? (shale) at 192 feet. 3/
401	Harper	--	--	spring	--	Tv or K?	--	F	--	--	S,R	S,R	"Alamo" springs (southeast area); 15 gal/min estimated in 1974; field specific conductance 550 umho/cm, 25°C.
29-101	F. Soza	Mac Tarwater	1950's	38	16	Qal	2590	7.2	10- 3-73	T,E, 7.5	Irr	Irr	Reduced 6-inch discharge pipe to 3 1/2-inch.
201	Catrina Prieto	--	1945	23	32	Qal	2600	19.7	5-24-73	C,W	S	S	Field specific conductance 10000 umho/cm.
202	Manuel Soza	Mac Tarwater	about 1952	49	18	Qal	2583	6.6	do.	T,E, 7.5	Irr	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	2582	5.9	do.	N	N	N	East well of 2; unused irrigation well; field specific conductance of bailed sample 1150 umho/cm; poor-quality water reported.
204	Manuel Spencer	--	--	41	18	Qal	2579	7.2	do.	T,G	N	N	Unused irrigation well; field specific conductance of bailed sample 3900 umho/cm.
205	Charlie Adams	--	1958	34	23	Qal	2582	4.3	5-23-73	N	N	N	Unused irrigation well.
206	do.	--	1958	160±	23	QTal	2577	5.2	do.	T,G	Irr	Irr	
207	do.	--	1940's	22	40	Qal	2577	5.9	do.	C,W	S	S	Irrigation well converted to stock well; field specific conductance 8400 umho/cm, 20°C.
208	do.	--	1958	19	15	QTal	2575	3.2	do.	N	N	N	Unused irrigation well, originally drilled to about 160 feet; field specific conductance of bailed sample 8400 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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
LV-74-29-209	Alberto Armendaris	--	1958	44	23	Qal	2577	6.8	5-24-73	N	N	Unused irrigation well, large yield reported when used.
210	do.	--	about 1952	18	132	Qal	2576	6.6	4-12-73	Cf,G, 40	N	Unused irrigation well, originally dug to 25 feet; 8-inch pump; field specific conductance of bailed sample 8000 umho/cm.
211	do.	--	1962	13	36	Qal	2577	10.6	do.	Cf,G,3	S	Field specific conductance 7500 umho/cm, 19.3°C.
301	Charles Spencer	--	1972	8	60x60	Qal	2585	4.7	do.	S,E, 1/3	S,D	West of 2 wells; field specific conductance 1-00 umho/cm, 16°C.
601	Clay Slack	--	1950	30	96	Qal	2574	13.0	6-19-61	Cf,E	Irr	Used for supplementary irrigation supply; 8-inch discharge pipe, 800 gal/min reported; field specific conductance 4000 umho/cm, 21°C.
602	R. J. Johnson	--	1950	48	60	Qal	2567	14.7 12.6	do. 8-23-73	Cf,E	N	Unused irrigation well, originally dug and rock-lined to 60 feet; 200 gal/min reported; field specific conductance of bailed sample 2200 umho/cm.
603	Francisco Ornelas	--	about 1970	14	36	Qal	2579	10.9	5-14-74	T,E,15	Irr	6-inch pump.
604	Jess Burner	--	about 1972	29	36	Qal	2580	13.3	8-23-73	Cf,E	Irr	Measured 340 gal/min 8-23-73; specific capacity 26 gal/min/ft.
605	Lorenzo Rodriguez	--	1950's	11	36	Qal	2574	6.1	4-11-73	N	N	Unused irrigation well, originally dug to 35 feet; poor-quality water reported; 8-inch pump used formerly.
606	Velasquez	--	1958	18	54	Qal	2575	5.6	4-12-73	Cf,G, 45	Irr	East well of 2; 480 gal/min measured 4-12-73; 6-inch pump; recovery-test data; specific capacity 24 gal/min/ft.
607	do.	--	1948	23	50	Qal	2572	5.8	do.	Cf,G, 40 _±	Irr	West well of 2; 6-inch pump; field specific conductance 5200 umho/cm, 20°C.
608	Jose Rodriguez	--	1950's	20	83	Qal	2568	4.5	do.	Cf,G, 40 _±	Irr	8-inch pump; field specific conductance 5800 umho/cm, 19°C.
609	Raul Hernandez	Raul Hernandez	1974	22	30	Qal	2580	13.6	5-14-74	Cf,G,3	Irr	Perforated below 15 feet; brief driller's log; 35 gal/min estimated in 1974; field specific conductance 3800 umho/cm, 20°C. <u>3</u>
610	Johnny Crosson	--	--	26	56	Qal	2576	11.9	5-24-73	N	N	South of 2 unused irrigation wells.
611	Lorenzo Rodriguez	Cisco Hernandez	1914	52	36	Qal	2610	41.0	4-11-73	S,E,1	D	Formerly State well no. LV-74-29-301; originally dug to 60 feet; 15 gal/min estimated in 1973; field specific conductance 4700 umho/cm, 77°F.

See footnotes at end of table.

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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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ UW-74-29-612	U.S. Customs Service	--	1955	147	6	QTal	2570	16.0 14.8	11-18-64 6-21-74	J,E,1	P	Measured 14 gal/min 6-21-74; supplies customs office at Presidio port of entry; not used for drinking.
613	Jose Rodriguez	--	about 1950's	17	65	Qal	2573	7.6	5-23-73	N	N	Unused irrigation well; poor-quality water reported; formerly had 8-inch pump.
614	M. B. Herrera	--	--	32	72x72	Qal	2562	8.9	5-17-74	Cf,E, 15	Irr	Reported 500 gal/min.
1/ 615	Romona Armendaris	--	--	50	--	Qal	2585	--	--	--	D7	Used for domestic supply in 1963.
30-101	Lely Ranch	Wesley W. West	1948	7994	14	--	2784	--	--	N	N	Oil test, Wesley W. West Presidio Trust no. 1; bed-rock(?), shale(?) at 2000 feet, limestone(?) at 2:00 feet; electric log.
102	Raul Ornelas	Manuel Velasco	1923	39	34	QTal	2732	27.1	3- 8-73	C,W,G 3	S	Originally dug to about 55 feet; 5 gal/min estimated in 1973; field specific conductance 500 μ ho/cm.
103	Leroy Parke	Lolo Molinar	1973	27	36	Qal	2830	23.1	3-18-73	B,H	D	Pump will be installed; brief driller's log. 3/
201	Lely Ranch	Fernando Daly	1930's	12	40	QTal	2876	4.4	5-15-74	C,W	S	Reported 7 gal/min and good-quality water.
202	Robert I. Bledsoe	--	1940's	25	72	QTal	2750	21R	11-23-49	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.
57 203	Lely Ranch	Payne	1940's	110	6	QTal	2860	41.5	5-15-74	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	2858	95.0 95.0	11-23-49 6-19-74	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	2560	21.0	11- 4-49	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	2583	28.8 25.7	2- 9-51 5-10-74	J,E,1	D,P	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	2561	7.9	8-24-73	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.
404	Mrs. Clay Slack	--	1951	50	96	Qal	2561	12.5 9.5	6-19-61 5-17-74	N	N	Unused irrigation well; 250 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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
UW-74-30-405	Santa Fe Railroad	McSpadden Bros.	1931	1320	14, 10, 8, 6	QTal	2593	60R	11- 5-31	N	N	Destroyed railroad-supply well; cased to 1310 feet; 6 gal/min bailed in a test in 1931; sand at 1320 feet yielded water containing about 16,700 mg/l chlorine. <u>3</u>
<u>1/</u> 407	Presidio Water Supply Corp.	H. H. Virdell	about 1948	84	16	Qal	2595	63.1	5-10-74	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. <u>3/</u>
408	Kuykendall & Black	--	--	56	6	Qal	2597	--	--	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	2597	45.0	5-10-74	C, E, 2	Ind	South well of 2; 15 gal/min estimated in 1974; fair-quality water reported.
<u>1/</u> 410	Texas Highway Dept.	Texas Highway Dept.	1958	110	4	QTal	2582	30.0	3-21-73	S, E, 1	Ind	40 gal/min; brief driller's log, water-bearing gravel and sand 33-70 feet. <u>3/</u>
<u>1/</u> 411	Presidio Truck & Tractor Inc.	Dunham Drilling Co.	1963	75	8	Qal	2590	33.4	5-11-74	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. <u>3/</u>
412	Camino Del Rio Motel	--	1940's	33	36	Qal	+2580	23.9	3-29-73	J, E, 1/2	D	Field specific conductance 640 umho/cm, 24°C.
413	Presidio Water Supply Corp.	--	1929	34	120	Qal	2580	28.5 24.4	11- 4-49 5-10-74	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	2640	36.4	4-12-73	C, E, 1	N	Unused domestic well; fair-quality water reported.
415	Forrest E. Vaughn	--	about 1968	50	8	Qal	2618	29.8	3-20-73	N	N	Abandoned after drilling, insufficient supply.
416	Ismael Spencer	--	about 1948	22	36	Qal	2563	11.4	6-21-74	Cf, E, 15	Irr	Reported 350 gal/min, cased with porous concrete to 22 feet.
417	Jim Halper Est.	--	1940's	20	72x96	Qal	2561	7.1	3-21-73	Cf, E, 15	Irr	500 gal/min reported.
418	Ted Millington	--	about 1938	20	60x60	Qal	2562	6.8	8-23-73	T, E, 7 1/2	Irr	Originally dug to 24 feet; 500 gal/min reported, 6-inch discharge pipe.
<u>1/</u> 419	do.	Mac Tarwater	about 1956	65	6	Qal	2575	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	6-20-74	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. <u>3/</u>

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
UV-74-30-421	Richard Hooper	Dunagan	1974	42	36	Qal	--	30.4	6-20-74	J,E, 1/2	D	Northwest well of 2; field specific conductance 800 umho/cm, 21°C.
422	M. B. Herrera	--	1950's	40±	23	Qal	2557	2.6	8-23-74	T,G	Irr	8-inch discharge pipe, 800 gal/min measured 8-23-74; specific capacity 54 gal/min/ft 8-22-73.
423	Fernando Daly	--	--	--	--	Qal	2590	--	--	S,E	D	Reported 15 gal/min in 1974.
424	Luna Francisco	--	--	49	48	Qal	2588	43.8	11-4-49	C,W	S	
425	Bob Holloway	--	1967	24	7	Qal	2561	5.6	8-23-73	Cf,B, 7.5	Irr	Reported 500 gal/min.
426	Louis Ehrlich	--	1950	20	96	Qal	2558	7.5 4.8	6-19-61 6-14-74	Cf	Irr	Formerly State well no. UV-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	12999	16,13	--	2679	--	--	N	N	Oil test, Wesley W. West, R. I. Bledsoe no. 1; cased to 935 feet.
502	--	--	1950's	16	36	Qal	2552	8.5	6-17-74	B,H	S	
601	Victor Thiel	Antonio Hernandez	1936	24	66	Qal	2641	12.7	6-19-74	T,G,35±	Irr	South well of 2; 600 gal/min reported, 8-inch pump.
602	do.	--	1962	20	36	Qal	2641	14.1	do.	T,G,35±	Irr	North well of 2; 6-inch pump.
603	Augustin Deanda	--	1940's	18	60	Qal	2700	14.2 12.7	11-22-49 6-19-74	C,W	S	Formerly State well no. UV-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	2554	8.7 3.6	6-19-61 6-14-74	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	2563	12.2	8-23-73	T,G,40	N	Unused irrigation well, perforated 15-65 feet; 8-inch pump; salty water reported.
703	Mariano Molinar	--	1953	22	72x72	Qal	2554	.7	6-14-74	Cf,G, 35±	Irr	South well of 2; 400 gal/min reported in 1974, 6-inch pump; field specific conductance 3000 umho/cm, 21.5°C.
704	do.	--	--	21	66x66	Qal	2555	5.5	do.	Cf,G, 35±	Irr	North well of 2; 6-inch pump.
705	Louis Ehrlich	--	1960's	7	60x60	Qal	2554	1.0	do.	Cf,G, 45±	Irr	Reported 500 gal/min in 1974; 8-inch pump; field specific conductance 1300 umho/cm, 22°C; probably recycles irrigation drainage.

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
W-74-30-706	Clay and J. C. Pool	Dunham Drilling Co.	1963	62	23	Qal	2564	15.9 14.9	3- 2-66 8-23-73	T,G,40	N	Formerly State well no. W-74-30-406; unused irrigation well, west well of 2; cased to 62 feet and perforated 14-62 feet; tested at 1000 when drilled, 8-inch pump; specific capacity reported about 80 gal/min for poor-quality water reported. Tex. Water Development Board water-level observation well.
801	L. H. Brito	--	--	18	28	Qal	2560	29.5 15.9	11- 1-49 6-15-74	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	2549	7.6 6.2	6-19-61 8-23-73	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	2544	10.2 4.9	6-19-61 6-15-74	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.
805	do.	--	--	8	36	Qal	2555	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.
806	Alvaro Hernandez	--	1950's	--	96	Qal	2544	4.5	6-15-74	Cf,G	Irr	
807	Reynaldo Hernandez	Reynaldo Hernandez	about 1955	24	28	Qal	2565	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	2551	8R	--	T,G	Irr	8-inch pump; poor-quality water reported.
809	Tex. Parks & Wildlife Dept.	H. H. Virdell	1969	49	6	Qal	2551	7.8	6-17-74	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/
810	Eleuterio Hernandez	--	about 1950	36	24	Qal	2570	27.5	7-15-74	J,E, 1/2	D	Estimated 15 gal/min in 1974.
901	Miguel Nieto	--	--	Spring	--	Qal	2555	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	2553	22.0 15.0	11- 1-49 6-17-74	C,W	D	Estimated 5 gal/min in 1974; good-quality water reported.
903	do.	Amador Estrada	1940's	30	36	Qal	2542	--	--	N	N	Unused irrigation well, cased with porous concrete to 30 feet; 300 gal/min, good-quality water reported.

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
1/ UW-74-30-904	Eleuterio Hernandez	--	1945	23	60	Qal	2550	12.9	6-17-74	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	6-19-74	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?	3160±	130R	11-24-49	C,W	S	Cased to 80 feet; 3 gal/min estimated in 1949.
1/ 501	Big Bend Ranch	do.	1940's	128	4	QTal	2990	113.3	6-19-74	C,W	S	Estimated 3-4 gal/min in 1974.
601	do.	--	--	spring	--	--	3100±	F	--	--	D,S	Estimated 2 gal/min in 1949, 74°F.
1/ 701	Amador Estrada	--	1956	33	36	QTal	--	19.3	6-19-74	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	2530	16.8	6-19-61	N	N	Unused irrigation well, cased to 80 feet; 1500 gal/min reported.
102	do.	--	1950's	25	8	Qal	2530	14.7	7-17-74	S,E, 1/2	S	Irrigation well converted to stock supply; 12-14 gal/min estimated in 1974; field specific conductance 1050 umho/cm, 24°C.
1/ 201	Raul Madrid	--	about 1957	204	6	QTal	2522	39.0 38.2	11- 2-49 6-17-74	S,E, 1/2	D	Cased to 150 feet; 12 gal/min estimated in 1974.
1/ 501	Guadalupe Dominguez	--	--	25	36	Qal	2515	22R	1950	C,W	D,S	Estimated 5 gal/min in 1949.
502	Rubin Madrid	--	1950	50	120	Qal	2501	10.5 10.6 11.4	6-19-61 3- 2-65 1-23-70	T,G	Irr	Reported 1500 gal/min in 1961. 6-inch pump; Tex. Water Development Board water-level observation well.
503	Modesto Carrasco	--	1951	80	16	Qal	2495	19.8	6-19-61	T,G	N	Unused irrigation well, cased to 80 feet; formerly State well no. UW-74-39-201; 1200 gal/min reported in 1961.
1/ 504	Independent School Dist. #1	John McSpadden	1964	214	6	QTal	2515	45.0	6-17-74	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	2522	56.6	do.	S,E, 1/2	P	Redford water-supply well; 15 gal/min estimated in 1974; water-bearing zone reported about 150-200 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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
(W-74-39-506	Rubin Madrid	Harrel	--	160	8	QTal	2521	95.0	11- -49	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	2521	45.0	11- 2-49	C,W	D,S	Cased to 155 feet; 55 gal/min estimated in 1949.
601	Fred Quintella	--	--	386	67	QTal ^{1/}	2792	311.0	6-17-74	C,G	S	Estimated 3-4 gal/min in 1974.
801	B. K. Hallen	--	--	27	60	Qal	2500 ^{2/}	24.0	11- 2-49	N	N	Unused stock well; 5 gal/min estimated in 1949.
802	Antonio Pena	--	1973	35	32	Qal	2536	31.2	6-17-74	Cf,G, 2	S	Cased with porous concrete to 35 feet; 6-8 gal/min estimated in 1974; field specific conductance 2000 umho/cm, 27°C.
901	Ernest H. Huffington	--	about 1945	32	24	Qal	2490	23.4 26.6	11- 2-49 6-18-74	C,G,2	D,S	Cased with porous concrete; 5 gal/min measured 6-18-74; field specific conductance 2000 umho/cm, 25°C.
902	F. A. Alvarado	--	about 1950	28	48	Qal	2484	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 2600 umho/cm, 24°C.
903	B. K. Hallen	--	about 1950	36	36	Qal	2500	31.6	do.	C,W	N	Unused stock and domestic well, cased with porous concrete; 5 gal/min estimated in 1974; field specific conductance 2600 umho/cm, 25°C.
904	Faustino Pineda, Jr.	Dick Baker Drilling Co.	1974	135	8	QTal	2485	23.3	6-17-74	T,G,60	Irr,S	Cased to 135 feet; 100 gal/min measured 6-17-74; specific capacity 1.5 gal/min/ft. ^{3/}
48-101	Ladder Ranch Corp.	John McSpadden	about 1940	64	8	Tv ^{1/}	2478	35.2	6-18-74	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.

Table 2.--Water levels in selected observation wells in the Salt Basin

Well no.	Date	Depth to water below land surface (feet)	Well no.	Date	Depth to water below land surface (feet)
PD-47-09-801	6- 8-54	83.0	PD-47-17-202 (cont.)	2- 8-63	56.8
	11-17-59	88.9		1-23-64	56.9
	1-26-60	86.4		1-27-65	58.6
	2- 7-61	88.0		4- 5-65	63.0
	2-12-62	88.1		2- 9-66	55.7
	2- 8-63	89.8		9-12-66	54.7
	1-23-64	93.7		11- 8-66	55.1
	1-27-65	98.5		1-25-67	56.0
	2- 9-66	92.0		1-22-68	58.2
	9-12-66	96.2		2-13-69	58.4
	11- 8-66	92.7		1- 8-70	59.7
	1-25-67	90.7		2-23-71	59.9
	1-22-68	92.0		2-11-72	62.4
	11-13-73	102.3		2-26-73	63.8
PD-47-17-202	6-10-54	54.9	1- 2-74	63.4	
	1-17-58	54.6	2-11-74	63.5	
	11-17-59	56.9	1-17-75	66.1	
	1-26-60	55.3	2- 3-76	68.2	
	2- 7-61	55.8			
	2-12-62	57.3			

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Table 2.--Water levels in selected observation wells in the Salt Basin--Continued

Well no.	Date	Depth to water below land surface (feet)	Well no.	Date	Depth to water below land surface (feet)
HL-47-17-302	1-17-58	146.9	HL-47-17-304	4- 7-65	197.1
	11-17-59	152.0		2- 9-66	196.0
	1-26-60	149.8		1-25-67	194.2
	2- 7-61	149.2		1-22-68	196.2
	2-12-62	150.3		2- 5-69	197.7
	2- 8-63	151.5		1- 8-70	199.2
	1-23-64	154.1		2-23-71	199.9
	4- 5-64	161.2		12- 7-71	203.3
	1-27-65	166.2		2- 9-72	200.7
	2- 9-66	164.5		2-26-73	199.6
	1-25-67	165.1		1- 2-74	203.7
	1-22-68	157.4		2-11-74	202.6
	2- 5-69	155.9		1-20-75	202.7
	1- 8-70	157.6			
	12- 7-71	171.0			
	2- 9-72	159.2			
	9- 7-72	167.9			
	2-26-73	158.0			
	1- 2-74	162.1			
	2-11-74	161.1			
	2- 3-76	165.0			

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Table 2.--Water levels in selected observation wells in the Salt Basin--Continued

Well no.	Date	Depth to water below land surface (feet)	Well no.	Date	Depth to water below land surface (feet)
HL-47-17-903 (formerly HL-47-18-701)	5- 8-65	114.1	HL-47-43-202 (cont.)	1-19-67	235.4
	9-12-66	130.8		1-16-68	240.8
	11- 7-66	133.0		2- 4-69	238.7
	1-22-68	145.7		1-23-70	244.8
	2- 5-69	143.3		2-12-71	250.2
	1- 8-70	138.1		12- 8-71	260.7
	2-23-71	127.4		3-30-72	242.1
	2-10-72	124.9		12- 4-72	256.8
	2-27-73	123.6		12-12-72	242.5
2-12-74	123.0	2- 3-76	258.7		
HL-47-43-202 (formerly HL-47-43-301)	1-21-54	223.5			
	1-22-55	224.6			
	1-19-56	225.7			
	1-27-60	229.8			
	2- 7-61	230.8			
	2-10-62	232.1			
	2- 6-63	233.5			
	1-24-64	234.4			
	1-23-65	234.5			
11- 9-66	236.5				

Table 2.--Water levels in selected observation wells in the Salt Basin--Continued

Well no.	Date	Depth to water below land surface (feet)	Well no.	Date	Depth to water below land surface (feet)
HL-47-43-701	1-29-53	131.3	HL-47-51-501	1-21-54	154.0
	1-21-54	131.1	(cont.)	1-22-55	154.0
	1-22-55	131.9		1-23-56	156.2
	1-23-56	132.0		1-27-57	156.6
	1-27-60	134.7		1-15-58	158.0
	2- 7-61	136.6		1-28-60	159.6
	2-10-62	143.0		2-10-62	165.1
	2- 6-63	162.2		2- 6-63	164.8
	1-24-64	171.3		1-24-64	166.3
	1-23-65	140.6		1-23-65	164.4
	2-16-66	139.4		2-16-66	165.5
	1-19-67	138.0		1-19-67	164.6
	1-17-68	140.0		2- 6-69	165.8
	1- 4-69	141.8		1-28-70	167.2
	1-23-70	141.1		2-12-71	171.5
	2-12-71	156.7		12- 8-71	169.4
	12- 8-71	143.6		4-12-72	170.8
	3- 6-72	143.3		12- 4-72	175.1
				12-13-72	168.9
HL-47-51-501	5-11-50	151.6		12-18-73	182.2
	1-27-53	156.9			

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Table 2.--Water levels in selected observation wells in the Salt Basin--Continued

Well no.	Date	Depth to water below land surface (feet)	Well no.	Date	Depth to water below land surface (feet)
HL-47-59-203	5-11-50	218.9	HL-47-59-203	3- 4-72	240.7
	1-27-53	219.3	(cont.)	12- 4-72	255.4
	1-21-54	222.3		12-22-72	240.9
	1-20-55	223.0		1-30-76	251.2
	1-23-56	224.2			
	1-28-57	227.8			
	1-15-58	231.5			
	1-27-60	233.3			
	2- 9-61	230.9			
	2- 9-62	232.0			
	2- 6-63	233.1			
	1-24-64	234.1			
	1-27-65	247.9			
	2-16-66	235.6			
	9-14-66	237.3			
	11- 7-66	235.68			
	1-18-67	246.4			
	1-17-68	236.9			
	2- 7-69	238.1			
	1-27-70	238.4			
	12- 7-71	255.4			

Table 2.--Water levels in selected observation wells in the Salt Basin--Continued

Well no.	Date	Depth to water below land surface (feet)	Well no.	Date	Depth to water below land surface (feet)
HL-47-59-301	3- 3-51	218.3	HL-47-59-301	3-23-72	242.1
	3- 8-52	220.0	(cont.)	12- 4-72	271.5
	1-27-53	226.3		12-17-73	269.8
	1-21-54	223.1		1-21-75	269.3
	1-22-55	224.2		1-30-76	269.0
	1-23-56	225.8			
	1-27-60	231.6			
	2- 9-61	230.6			
	2-10-62	233.4			
	2- 6-63	238.03			
	1-24-64	233.5			
	1-27-65	235.2			
	2-16-66	235.8			
	9- 1-66	236.4			
	11- 8-66	235.7			
	1-18-67	235.8			
	1-16-68	236.3			
	2- 7-69	237.7			
	1-28-70	237.1			
	2-12-71	257.8			
	12- 8-71	266.7			

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Table 2.--Water levels in selected observation wells in the Salt Basin--Continued

Well no.	Date	Depth to water below land surface (feet)	Well no.	Date	Depth to water below land surface (feet)
HL-51-02-903	2-28-51	102.4	HL-51-02-903	12- 8-72	232.2
	1-26-53	125.8	(cont.)	1-18-73	233.4
	1-23-54	127.9		12-17-73	238.3
	1-23-55	132.7		1-29-76	251.4
	1-24-56	139.5			
	1-28-57	151.0			
	1-16-58	155.2			
	1-27-60	172.5			
	2-10-61	175.6			
	2- 9-62	190.7			
	2- 7-63	195.9			
	1-24-64	191.1			
	1-23-65	219.9			
	2-17-66	205.5			
	1-17-67	217.8			
	1-16-68	223.5			
	2-11-69	219.7			
	1-27-70	229.6			
	2-10-71	241.8			
	12-10-71	234.2			
	1-14-72	232.2			

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Table 2.--Water levels in selected observation wells in the Salt Basin--Continued

Well no.	Date	Depth to water below land surface (feet)	Well no.	Date	Depth to water below land surface (feet)
HL-51-02-906	6-22-49	132.2	HL-51-02-906	12- 9-71	228.3
	5- 3-50	139.3	(cont.)	1-13-72	226.2
	6- 2-50	151.0		12- 8-72	228.3
	2- 8-51	144.4		1-15-73	228.2
	1-26-53	147.9		12-17-73	230.4
	1-23-54	152.3		1-24-75	229.7
	1-23-55	154.9			
	1-24-56	158.5			
	1-28-57	163.4			
	1-16-58	168.9			
	1-27-60	180.1			
	2-10-61	180.5			
	2- 9-62	198.7			
	2- 7-63	194.8			
	1-24-64	198.7			
	1-23-65	206.8			
	2-17-66	209.8			
	1-17-67	220.7			
	1-15-68	214.7			
	2-11-69	217.5			
	1-27-70	225.4			

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Table 2.--Water levels in selected observation wells in the Salt Basin--Continued

Well no.	Date	Depth to water below land surface (feet)	Well no.	Date	Depth to water below land surface (feet)
HL-51-10-331	6-22-49	79.7	HL-51-10-331	1-27-70	180.7
(formerly HL-51-11-101)	5-10-50	86.8	(cont.)	2-10-71	198.9
	2- 9-51	90.9		12-11-71	194.3
	3- 7-52	99.1		1-10-72	197.2
	1-26-53	108.1		12- 7-72	200.2
	1-23-54	115.0		1-16-73	200.3
	1-23-55	118.2			
	1-24-56	124.5			
	1-29-57	131.3			
	1-16-58	136.7			
	1-27-60	144.2			
	2-10-61	146.7			
	2-10-62	151.6			
	2- 7-63	157.3			
	1-24-64	160.9			
	1-23-65	179.8			
	2-17-66	172.6			
	9-14-66	178.4			
	1-17-67	177.7			
	1-15-68	182.4			
	2-10-69	179.7			

Table 2.--Water levels in selected observation wells in the Salt Basin--Continued

Well no.	Date	Depth to water below land surface (feet)	Well no.	Date	Depth to water below land surface (feet)
HL-51-10-604	11- -49	86.0	HL-51-10-604	1-18-73	180.1
	5- 2-50	92.5	(cont.)	12-17-73	185.1
	2-28-51	88.5		1-24-75	185.1
	1-26-53	111.6		1-29-76	184.4
	1-23-54	120.7			
	1-23-55	125.9			
	1-24-56	133.7			
	1-29-57	143.2			
	1-17-58	147.7			
	1-27-60	156.9			
	2-10-61	160.5			
	1-24-64	176.8			
	2-17-66	178.4			
	9-14-66	186.0			
	11- 8-66	182.2			
	1-17-67	182.3			
	1-15-68	184.2			
	2-10-69	184.5			
	1-27-70	189.9			
	2-10-71	209.5			
	1- 5-72	179.4			

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Table 2.--Water levels in selected observation wells in the Salt Basin--Continued

Well no.	Date	Depth to water below land surface (feet)	Well no.	Date	Depth to water below land surface (feet)
HL-51-10-901	1-26-53	133.6	HL-51-11-403	6-22-49	105.8
	1-23-54	136.5		2-28-51	115.0
	1-23-55	140.4		1-26-53	129.3
	1-24-56	144.0		1-23-54	134.6
	1-29-57	148.6		1-23-55	137.1
	1-17-58	153.1		1-24-56	141.7
	1-27-60	172.1		2-10-62	159.0
	2-10-61	157.0		2- 7-63	161.3
	1-27-65	168.9		1-24-64	163.3
	2-17-66	171.1		1-23-65	167.9
	1-17-67	168.1		2-17-66	167.5
	1-15-68	174.2		1-17-67	168.4
	2-10-69	172.0		2-10-69	168.7
	1-27-70	179.8		1-27-70	173.2
	11-30-71	192.5		11- 1-71	176.4
	12-10-71	190.4		12-10-71	177.1
	12- 7-72	197.5		1-17-73	179.1
	1-18-73	189.4		12-18-73	178.8
	12-18-73	182.8		1-21-75	198.5
	1-21-75	193.5		1-29-76	190.1
	1-29-76	194.0			

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Table 2.--Water levels in selected observation wells in the Salt Basin--Continued

Well no.	Date	Depth to water below land surface (feet)	Well no.	Date	Depth to water below land surface (feet)
PS-51-19-104	5- 2-50	136.4	PS-51-19-104	1-14-75	222.2
	5-10-50	136.5	(cont.)	1-29-76	213.5
	2-28-51	137.1			
	1-23-54	151.6			
	1-24-55	154.4			
	1-19-56	156.1			
	1-29-57	162.5			
	1-17-58	169.0			
	1-27-60	166.7			
	2-10-61	169.3			
	2-10-62	182.5			
	1-24-64	191.0			
	2-17-66	183.9			
	1-12-67	190.0			
	1-15-68	198.7			
	2- 9-69	197.4			
	1-26-70	173.7			
	1-15-71	192.1			
	12- 7-71	198.6			
	1-19-73	201.9			
	12-18-73	214.5			

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Table 2.--Water levels in selected observation wells in the Salt Basin--Continued

Well no.	Date	Depth to water below land surface (feet)	Well no.	Date	Depth to water below land surface (feet)
PS-51-19-301	6-13-50	197.3	PS-51-19-301	12-18-73	249.1
	2-28-51	198.5	(cont.)	1-14-75	251.1
	1-27-53	206.6		1-29-76	253.6
	1-24-54	210.6			
	1-23-55	213.3			
	1-19-56	216.1			
	1-29-57	219.3			
	1-17-58	222.3			
	2-10-61	228.3			
	2-10-62	230.8			
	1-24-64	234.7			
	1-27-65	237.0			
	2-17-66	238.0			
	1-12-67	239.5			
	2- 9-69	242.0			
	1-26-70	243.3			
	1-15-71	244.8			
	12- 7-71	251.3			
	6-19-72	246.9			
	12- 7-72	246.6			
	1-19-73	247.6			

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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

Analysis 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; PL--Pope Laboratories, Dallas, Tex.; SWL--Southwestern Laboratories, Midland, Tex.; TAES--Texas Agricultural Experiment Station; TDHR--Texas Department of Health Resources; WCO--Western Cotton Oil Co.

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); PG--Precambrian rocks, undifferentiated; Qal--Alluvial deposits, Quaternary age; QTal--Alluvial basin fill of Quaternary and Tertiary age, undifferentiated; QFalTv--Alluvial basin fill and volcanics, Quaternary and Tertiary age, undifferentiated; Ti--Tertiary intrusives, undifferentiated; Tv--Tertiary volcanics.

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

WELL	ANALYSIS BY	DEPTH OR PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DIS-SOLVED SILICA (SiO ₂) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO ₃) (MG/L)	CARBONATE (CO ₃) (MG/L)	DIS-SOLVED SULFATE (SO ₄) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (CA, MG) (MG/L)	HARDNESS (CA, MG) (MG/L)	PERCENT SODIUM	RESIDUAL SODIUM CARBONATE (RSC)	SODIUM ADSORPTION RATIO (SAR)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (°C)
FD-47-01-701	GS	60	QTal	9-29-46	16	--	670	298	900	--	96	0	240	1470	--	200	--	6470	2900	40	0.00	10.5	7900	--	--
09-202	GS	240	--	11-13-73	--	--	120	56	32	--	292	0	250	69	--	--	--	--	530	12	.00	.6	1080	7.8	20
203	GS	150†	QTal	do.	--	--	240	140	345	--	202	0	790	650	--	--	--	2260	1200	39	.00	4.4	3510	7.8	19
501	GS	80	QTal	11-14-73	--	--	180	100	84	--	236	0	440	290	--	--	--	1210	870	17	.00	1.2	1930	7.7	18
502	GS	140	QTal	do.	--	--	210	94	66	--	268	0	640	110	--	--	--	1250+	900	14	.00	1.0	1780	7.7	20
702	GS	70	QTal	3-21-72	--	--	270	170	--	--	286	0	1500	550	--	--	--	--	1400	--	.00	--	4260	7.8	19
801	GS TDHR TDHR	270-412	Pc	6-22-56 8- 2-68 8- 7-68	20 17 16	--	144 181 164	74 73 78	70 97 81	--	271 270 282	0	448 465 444	88 195 133	1.2 1.3 1.3	3.2 12.0 12.0	0.04	981 1170 1070	664 750 732	19 22 19	.00 .00 .00	1.2 1.5 1.3	1450 1740 1550	-- 7.5 7.5	-- 21 22
802	GS TDHR	250+	Pc	7-26-60 7-26-63	20 17	--	156 152	67 79	93 92	--	278 276	0	440 439	128 133	-- 1.5	1.2 1.0	--	1040 1190	664 710	23 22	.00 .00	1.6 1.5	1490 1560	7.3 7.4	21 18
803	TDHR	--	Pc	8- 4-67	16	--	222	99	156	--	279	0	660	256	1.5	3.5	--	1550	960	24	.00	2.2	2090	7.2	--
805	GS TDHR TDHR	100-515	Pc	7-26-60 7-26-63 6-14-67	22 15 18	--	145 149 210	65 77 96	91 77 124	--	278 272 266	0	438 433 580	98 112 249	-- 1.3 1.5	5.4 5.0 28.0	--	1000 1140 1440	630 690 920	24 20 23	.00 .00 .00	1.6 1.3 1.8	1460 1510 2040	7.1 7.5 7.5	19 -- 21
HL-47-09-901	EPNG EPNG TDHR EPNG	263-591	QTal, Pc	8-14-57 3- 1-66 8- 7-68 4- 6-71	18 13 11 15	0.25	123 143 159 163	51 70 70 72	71 74 46 25	--	286 280 279 280	0	359 470 470 430	43 61 40 57	.7 -- 1.2 1.1	-- -- -- --	--	951 1111 930 1044	516 646 685 704	23 20 13 7	.00 .00 .00 .00	1.36 1.27 .8 .41	-- 1338 1300 1276	7.4 7.6 7.7 7.7	-- -- -- --
902	SWL GS	320 300	Pc	4-21-65 5-15-65	-- --	-- --	-- --	-- --	100 --	-- --	188 294	0	406 396	79 74	-- --	-- --	--	912 630	470 --	-- --	.00 --	-- --	1367 1290	-- 7.6	-- --
903	EPNG EPNG	275-650	Pc	5-22-70 12-10-71	17 --	1.1	167 147	68 --	74 --	--	280 284	0	500 --	75 57	1.1 --	-- --	--	1181 636	696 --	19 --	.00 --	1.22	1385 1200	7.2 7.2	-- --
904	EPNG EPNG EPNG EPNG	382	QTal, Pc†	12-19-56 3-19-58 3- 1-66 3- 3-69 3- 4-70	22 17 16 21 15	1.4 .1	119 113 240 152 601	54 60 142 66 311	-- 173 147 -- 380	--	299 280 232 274 183	0	338 532 800 470 1150	61 61 345 57 1598	-- -- -- 1.0 1.1	-- -- -- -- --	--	957 1240 1924 1047 4245	572 530 1186 650 2790	-- 42 21 -- 23	.00 .00 .00 .00 .00	-- 3.27 1.86 -- 3.14	1224 1170 2774 1261 6112	8.6 7.6 7.5 7.6 7.4	-- -- -- -- --
10-501	SWL	1100	Pbat	11- 3-71	--	--	--	--	--	--	--	--	307	82	--	--	--	--	--	--	--	--	--	--	--
701	SWL	702†	--	11-12-64	--	--	--	--	--	--	--	--	530	267	--	--	--	--	--	--	--	--	1919	--	--
FD-47-17-201	TDHR	241-400	Pc	8- 4-67	18	--	164	73	76	--	255	0	464	131	1.4	5.0	--	1060	710	19	.00	1.2	1500	7.4	--
202	GS	89-94†	QTal, Pc†	7-26-60	19	--	448	248	601	--	252	0	1370	1270	--	11.0	--	4090	2130	38	.00	5.7	5760	7.0	19
203	GS GS GS	250-300† 150 450	Pc	4- 5-65 5-16-65 do.	-- -- --	-- -- --	-- -- --	-- -- --	-- -- --	--	184 198 25	0	1160 1230 915	580 592 462	-- -- --	-- -- --	--	--	1650 -- 1140	-- -- --	.00 .00 .00	-- -- --	3490 3620 2750	7.9 7.4 6.6	24 -- --
204	GS	86-890	Pc	4- 5-65	--	--	--	--	--	--	284	0	672	308	--	--	--	--	915	--	.00	--	2340	7.9	20
206	TDHR TDHR	750	Pc	7-26-63 8- 2-66	15 15	--	154 202	69 104	112 197	--	283 233	0	454 710	144 309	1.5 1.6	<.4 3.5	--	1230 1660	670 930	26 31	.00 .00	1.5 2.8	1600 2350	7.5 7.5	18 21
207	GS GS GS	280-600 100 500	Pc	4- 5-65 5-16-65 do.	-- -- --	-- -- --	-- -- --	-- -- --	-- -- --	--	255 254 252	0	716 598 660	445 365 380	-- -- --	-- -- --	--	--	1180 1040 1050	-- -- --	.00 .00 .00	-- -- --	2700 2340 2410	7.9 7.7 7.3	24 -- --
208	GS GS	870 300	Pc	5-13-65 5-18-65	-- --	-- --	-- --	-- --	-- --	--	298 290	0	426 424	150 150	-- 1.0	-- --	--	--	668 666	-- --	-- --	-- --	1560 1550	7.5 7.8	-- --
218	TDHR	50-320	QTal, Pc†	7-26-63	17	--	172	112	690	--	241	0	1310	540	3.0	<.4	--	3080	890	63	.00	10.0	4080	7.5	--
HL-47-17-301	GS GS	155-385	Pc	3-24-60 7-26-63	15 15	--	150 148	61 68	85 94	3.9	306 298	0	398 403	116 112	-- 1.5	.2 <.4	.08	979 1140	625 650	23 24	.00 .00	1.5 1.6	1470 1490	7.5 7.6	24 22
302	SWL TDHR TDHR	160-377	Pc	11-12-64 7-12-66 6-14-67	-- 13 15	3.6	-- 156 156	-- 66 66	90 79 83	--	180 299 299	0	390 396 411	130 110 117	1.0 1.4 1.4	1.8 <.4 <.4	--	954 970 1060	542 660 660	-- 21 22	.00 .00 .00	-- 1.3 1.4	1308 1435 1450	7.9 7.8 7.9	24 24 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 OR PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DIS-SOLVED SILICA (SiO ₂) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO ₃) (MG/L)	CARBONATE (CO ₃) (MG/L)	DIS-SOLVED SULFATE (SO ₄) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED NITRATE PLUS NITRITE (N) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED 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)				
3/4/3/	HL-47-17-303	160-377	Pc	4- 5-65	--	--	--	--	--	--	291	0	416	105	--	--	--	--	635	--	--	--	1370	7.9	23				
				do.	--	--	--	--	--	--	--	--	280	0	418	108	--	--	--	--	625	--	--	--	1370	7.9	24		
				do.	--	--	--	--	--	--	--	--	250	0	396	111	--	--	--	--	620	--	--	--	1350	7.9	24		
				5-24-73	--	--	--	--	--	--	--	--	--	--	450	120	--	0.1	--	--	--	--	--	--	1560	7.9	--		
2/	304	350	Pc	5-14-65	--	--	--	--	--	310	0	378	81	0.9	--	--	--	615	--	--	--	1310	7.3	--					
2/	307	250	Pc	5-15-65	--	--	--	--	--	132	0	528	130	--	--	--	--	520	--	--	--	1560	7.8	--					
2/2/2/2/	312	360 380 240 310	Pc	4-24-65	--	--	--	--	--	--	--	--	752	136	--	--	--	--	--	--	--	--	1861	--	--				
				do.	--	--	--	--	--	--	--	--	--	476	114	--	--	--	--	--	--	--	--	1279	--	--			
				5-14-65	--	--	--	--	--	--	--	--	--	220	0	1130	109	--	--	--	--	910	--	--	2430	7.2	--		
				5-15-65	--	--	--	--	--	--	--	--	310	0	392	91	.9	--	--	--	655	--	--	--	1340	7.8	--		
2/2/2/2/2/	313	230 285 400 250 375	Pbcd?	4-28-65	--	--	--	--	--	--	--	--	566	116	--	--	--	--	--	--	--	--	1396	--	--				
				do.	--	--	--	--	--	--	--	--	--	554	114	--	--	--	--	--	--	--	--	1454	--	--			
				do.	--	--	--	--	--	--	--	--	--	388	100	--	--	--	--	--	--	--	--	1192	--	--			
				5-14-65	--	--	--	--	--	--	--	--	308	0	380	89	--	--	--	--	625	0.00	--	--	1320	7.8	--		
				do.	--	--	--	--	--	--	--	--	258	0	388	92	--	--	--	--	615	.00	--	--	1280	7.7	--		
				4-29-65	--	--	--	--	--	--	--	--	--	--	--	485	129	--	--	--	--	--	--	--	1361	--	--		
2/2/2/2/	314	180 240 360 225	Pbcd, Pc?	4-29-65	--	--	--	--	--	--	--	--	849	129	--	--	--	--	--	--	--	--	1541	--	--				
				4-28-65	--	--	--	--	--	--	--	--	--	--	486	129	--	--	--	--	--	--	--	1890	--	--			
				do.	--	--	--	--	--	--	--	--	--	--	--	302	0	452	105	--	--	--	--	1480	7.4	--			
				5-15-65	--	--	--	--	--	--	--	--	302	0	452	105	--	--	--	--	645	--	--	--	1480	7.4	--		
2/2/	315	280 250	Pc	4-24-65	--	--	--	--	--	--	--	458	93	--	--	--	--	--	--	--	--	--	1512	--	--				
				5-24-65	--	--	--	--	--	--	--	--	314	0	406	79	--	--	--	--	643	--	--	--	1320	7.7	--		
2/2/	317	492-600	Pc	10-28-65	--	--	--	--	--	--	--	--	372	100	--	--	--	--	--	--	--	--	959	--	--				
				10:15 am	--	--	--	--	--	--	--	--	--	--	366	93	--	--	--	--	--	--	--	--	1221	--	--		
				10-28-65	--	--	--	--	--	--	--	--	--	--	--	365	93	--	--	--	--	--	--	--	1198	--	--		
				4:15 pm	--	--	--	--	--	--	--	--	--	--	--	360	100	--	--	--	--	--	--	--	1198	--	--		
				10-28-65	--	--	--	--	--	--	--	--	--	--	--	360	100	--	--	--	--	--	--	--	1198	--	--		
				10:05 pm	--	--	--	--	--	--	--	--	--	--	--	364	85	--	--	--	--	--	--	--	1192	--	--		
				10-29-65	--	--	--	--	--	--	--	--	--	--	--	364	85	--	--	--	--	--	--	--	1192	--	--		
				4:10 am	--	--	--	--	--	--	--	--	--	--	--	269	0	364	93	.68	<.05	--	--	--	899	590	18	.00	1.2
7:15 am	11	<0.05	114	56	65	--	269	0	364	93	.68	<.05	--	--	--	--	--	899	590	18	.00	1.2	1186	7.8	--				
10:12 am	15	--	148	62	64	--	285	0	408	89	1.2	<.4	--	--	--	--	--	930	630	18	.00	1.1	1340	7.6	--				
8- 7-68	13	--	160	67	64	--	279	0	402	107	1.3	<.4	--	--	--	--	--	950	677	17	.00	1.1	1410	7.4	--				
320	SWL	580-1170	Pbcd, Pc?	11- 3-71	--	--	179	64	91	--	281	0	430	163	--	10.5	--	1068	712	22	.00	1.5	--	--	--				
				11-23-71	--	--	146	49	73	--	305	0	351	78	--	--	--	--	--	850	568	22	.00	1.7	--	--	--		
321	SWL	548-1120	Pbcd, Pc?	8-12-59	--	--	250	76	280	15	210	0	859	360	--	--	--	--	--	39	.00	4.0	2635	7.1	--				
601	WCO	200	QTal, Pbcd?	7-26-60	25	--	270	71	265	--	208	0	720	430	--	19	--	1900	966	37	.00	3.7	2760	7.2	21				
602	GS	200	QTal, Pbcd?	2-10-72	--	--	490	120	--	--	112	0	1700	160	--	--	--	--	1700	--	.00	--	3170	7.1	17				
PD-47-17-605	GS	--	--	do.	--	--	140	88	--	--	294	0	500	240	--	--	--	--	720	--	.00	--	2050	7.5	20				
HL-47-17-902	GS	--	--	do.	--	--	140	88	--	--	294	0	500	240	--	--	--	--	720	--	.00	--	2050	7.5	20				
6/	903	450	QTal, Pbcd?	5-10-65	--	--	--	--	--	--	--	--	1316	600	--	--	--	--	--	--	--	--	--	--	--				
				0:20 am	--	--	--	--	--	--	--	--	--	--	1309	829	--	--	--	--	--	--	--	--	--	--	--		
				5-10-65	--	--	--	--	--	--	--	--	--	--	--	1308	843	--	--	--	--	--	--	--	--	--	--	--	
				2:20 pm	--	--	--	--	--	--	--	--	--	--	--	1214	872	--	--	--	--	--	--	--	--	--	--	--	
				5-10-65	--	--	--	--	--	--	--	--	--	--	--	1203	972	--	--	--	--	--	--	--	--	--	--	--	--
				5-10-65	--	--	--	--	--	--	--	--	--	--	--	1185	979	--	--	--	--	--	--	--	--	--	--	--	--
				6:30 pm	--	--	--	--	--	--	--	--	--	--	--	186	0	1200	980	--	--	1560	--	--	--	4690	7.4	--	
				5-10-65	--	--	--	--	--	--	--	--	--	--	--	186	0	1200	980	--	--	1560	--	--	--	4690	7.4	--	
				0:30 pm	--	--	--	--	--	--	--	--	--	--	--	186	0	1200	980	--	--	1560	--	--	--	4690	7.4	--	
				5-11-65	--	--	--	--	--	--	--	--	--	--	--	186	0	1200	980	--	--	1560	--	--	--	4690	7.4	--	
5:30 am	--	--	--	--	--	--	--	--	--	--	--	186	0	1200	980	--	--	1560	--	--	--	4690	7.4	--					
5-11-65	--	--	--	--	--	--	--	--	--	--	--	186	0	1200	980	--	--	1560	--	--	--	4690	7.4	--					
18-101	TDHR SWL	500	Pbcd	4- 2-70	16	--	97	96	110	<1	293	0	400	163	1.0	<.4	--	1030	640	27	.00	1.9	1490	7.7	--				
				3-22-73	--	--	--	--	--	--	--	--	--	--	403	167	--	--	--	--	--	--	--	--	--	--	--		
201	SWL	750	Pbcd	1- 3-71	--	--	--	--	--	--	--	162	99	--	--	--	--	--	--	--	--	--	--	--					

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See footnotes at end of table.

Table 1.--Chemical analysis 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) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO ₃) (MG/L)	CARBONATE (CO ₃) (MG/L)	DIS-SOLVED SULFATE (SO ₄) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS (CA, MG) (MG/L)	HARDNESS (CA, MG) (MG/L)	PERCENT SODIUM	RESIDUAL SODIUM CARBONATE (RSC)	SODIUM ADSORPTION RATIO (SAR)	SPECIFIC CONDUCTANCE (MICRO-MHOS) (PH UNITS)	TEMPERATURE (°C)	
HL-47-18-301	SWL	1185	Pbcd	11- 3-71	--	--	--	--	--	--	--	--	1013	113	--	--	--	--	--	--	--	--	--	--	
401	SWL	--	--	11-12-64	--	--	--	--	--	--	--	--	655	188	--	--	--	--	--	--	--	--	1861	--	
402	SWL	600-1200	Pbcd	11-24-71	--	--	146	63	123	--	287	--	399	170	--	--	--	1045	624	30	0.00	2.1	--	--	
705	GS	600	QTal, Pbcd?	5-30-73	--	--	360	100	--	--	170	0	1100	490	--	--	--	--	1300	--	.00	--	3280	7.5 22	
706	TDHR	400	QTal, Pbcd	8- 4-67	15	--	362	90	228	--	135	0	1030	417	2.2	16.5	--	2230	1280	28	.00	2.8	2845	7.2 --	
901	EPNG GS	751	Pbcd?	9-17-57 5-18-72	18 --	2.5 --	136 93	61 65	188 --	--	335 156	0 0	440 430	189 80	-- --	-- --	--	1367 --	590 500	41 --	.00 .00	3.37 --	-- 1610	6.1 7.6	-- 24
PD-47-23-801	GS	457	Pbavp?	4-12-72	--	--	200	73	--	--	286	0	540	470	--	--	--	--	800	--	.00	--	2720	7.5 21	
HL-47-26-101	GS	--	QTal	3-30-72	--	--	270	94	--	--	116	0	100	480	--	--	--	--	100	--	.00	--	3410	7.0 18	
102	GS	116	QTal	2-28-73	--	--	300	120	--	--	194	0	990	520	--	--	--	--	1200	--	.00	--	3350	7.6 20	
701	GS	104	QTal	3-28-72	--	--	250	370	--	--	198	0	3100	2800	--	--	--	--	2200	--	.00	--	12200	7.4 19	
901	GS	200	QTal	5- 3-72	--	--	280	91	--	--	196	0	1000	920	--	--	--	--	1100	--	.00	--	4650	7.4 23	
34-102	GS	49	Qal	3-28-72	--	--	220	77	--	--	292	0	600	450	--	--	--	--	870	--	.00	--	2790	7.4 20	
103	GS	92	QTal	3-29-72	--	--	210	74	--	--	294	0	560	460	--	--	--	--	830	--	.00	--	2750	7.6 23	
301	GS	--	QTal	5- 2-72	--	--	540	210	--	--	132	0	3100	710	--	--	--	--	2200	--	.00	--	6800	7.2 21	
702	GS	--	QTal	5- 3-72	--	--	130	73	--	--	306	0	440	520	--	--	--	--	620	--	.00	--	2830	7.8 22	
703	GS	13	Qal	11-28-73	31	.11	520	9000	43000	250	364	0	51000	57000	1.1	.00	38	161000	38000	71	.00	94	138000	6.9 --	
901	GS GS	128	QTal	6-30-50 5-16-72	28 --	--	602 --	37 --	13 --	--	91 --	0 --	1510 1400	12 --	--	23 --	--	2270 --	1650 --	2 --	.00 --	.1 --	2440 2320	7.0 --	-- 19
35-101	GS	--	QTal	5- 2-72	--	--	360	110	--	--	188	0	1400	640	--	--	--	--	1300	--	.00	--	4250	7.8 24	
501	GS	--	Pbcd	4-21-72	--	--	190	120	--	--	124	0	960	1100	--	--	--	--	950	--	.00	--	5200	6.7 20	
701	GS	140	QTal	4- 2-72	--	--	620	100	--	--	124	0	2000	320	--	--	--	--	2000	--	.00	--	4170	7.3 20	
42-701	GS	--	QTal, P?	12-20-72	--	--	45	34	--	--	198	0	93	100	--	--	--	--	250	--	.00	--	802	7.7 --	
43-101	GS GS	130	QTal	6-30-50 5- 2-72	38 --	--	552 --	45 --	69 --	--	115 --	0 --	1540 1600	5.5 --	--	10 --	--	2320 --	1560 --	9 --	.00 --	.8 --	2440 2440	7.1 --	-- 20
202	GS	550	QTal, Pbcd	4-28-60	18	--	175	98	448	22	291	0	698	630	--	1.0	.48	2230	840	53	.00	6.7	3470	7.0 22	
503	TDHR	578	Pbcd	do.	20	--	244	103	450	--	272	0	790	680	2.2	2.0	.50	2430	1030	49	.00	6.1	3360	7.2 --	
601	TDHR	350	Pc?	2-17-71	19	--	253	85	399	--	255	0	740	620	1.8	6	--	2250	980	47	.00	5.5	3010	7.4 23	
701	GS	173	QTal	4-28-60	16	--	218	202	493	--	134	0	1250	720	--	25	--	2990	1370	44	.00	5.8	4300	7.2 22	
51-301	TDHR	150	QTal	2-17-71	16	--	476	81	227	--	76	0	1220	417	2.2	98	--	2570	1520	25	.00	2.5	3000	7.4 --	
501	GS	187	QTal	5- 4-50	32	--	--	--	207	--	347	0	109	60	--	38	.56	636	52	90	4.65	12	1040	7.9 --	
502	TDHR	184-302	QTal	2-11-71	25	--	18	7	292	--	318	0	373	44	4.4	<.4	--	920	73	90	3.77	15	1340	8.1 --	
601	TDHR	200	QTal	2-17-71	29	--	45	21	378	--	217	0	650	114	4.5	8	--	1360	198	81	.00	12	1880	8.2 --	
701	TDHR TDHR TDHR	302-950	QTal	7-18-68 4-30-68 6- 5-70	27 24 30	--	30 31 39	11 13 17	271 270 253	--	249 229 249	0 0 0	263 270 249	153 154 174	1.6 1.8 1.7	25 18 25	-- -- .5	900 900 910	122 131 168	83 82 77	1.65 1.15 .73	11 10 8.5	1350 1450 1440	7.5 8.3 7.6	-- 24 24
702	TDHR TDHR TDHR GS	1045	QTal	8-10-64 7-18-67 6-18-70 4-19-73	25 26 30 --	--	19 26 24	13 10 11	346 362 364	--	277 277 276	0 0 0	386 432 396	131 141 131	2.2 1.9 1.9	42 39 42	-- -- .9	1100 1170 1120	101 106 107	88 88 88	2.52 2.42 2.39	15 15 14	1720 1746 1660	7.7 7.2 8.6	-- -- --

See footnote at end of table.

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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) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO ₃) (MG/L)	CARBONATE (CO ₃) (MG/L)	DIS-SOLVED SULFATE (SO ₄) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED NITRATE PLUS NITRITE (N) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED 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)
HL-47-51-704	TDHR	4507	QTal	8-10-66	27	--	37	21	272	--	255	0	221	237	1.7	3.5	--	950	181	77	0.57	8.8	1530	7.6	24
	TDHR			7-18-67	29	--	41	21	288	--	254	0	228	250	1.6	8	--	990	188	77	.41	9.1	1600	7.5	--
	TDHR			8-13-68	24	--	44	18	279	--	254	0	217	239	1.4	2.5	--	950	185	76	.47	8.9	1600	7.5	26
	TDHR			5-29-70	30	--	45	22	267	--	254	0	220	262	1.7	3.0	0.5	980	205	74	.07	8.0	1590	7.9	--
	GS			4-19-73	--	--	--	--	--	--	--	--	--	--	290	--	--	--	--	--	--	--	--	1790	--
705	GS	325	QTal	8-9-54	30	--	22	12	214	--	269	0	152	130	1.8	3.5	--	711	104	82	--	9.1	1160	7.8	24
	TDHR			8-10-66	25	--	26	15	226	--	262	0	154	156	1.7	3.0	--	740	126	80	1.79	8.7	1280	7.5	25
	TDHR			7-18-67	29	--	31	13	221	--	259	0	146	162	1.7	6.0	--	740	129	79	1.67	8.5	1200	7.6	--
	TDHR			4-30-68	24	--	38	18	226	--	240	0	210	169	1.3	2.0	--	810	169	74	.56	7.5	1340	7.4	--
707	TDHR	476	QTal	8-10-66	17	--	52	34	230	--	306	0	265	164	1.3	6.0	--	920	270	65	.00	6.1	1480	7.5	--
708	TDHR	600	QTal	7-18-68	22	--	16	13	388	--	482	0	352	127	2.2	22	--	1180	95	90	6.00	17	1740	7.4	--
709	GS	240	QTal	8-9-54	32	--	26	14	237	--	266	0	173	168	1.8	4.7	.36	793	122	77	--	9.3	1310	--	24
710	TDHR	746-1096	QTal, Kc	8-10-66	17	--	52	34	230	--	306	0	265	164	1.3	6	--	920	270	65	.00	6.1	1480	7.5	--
	TDHR			7-18-67	17	--	53	33	212	--	300	0	261	160	1.2	9.0	--	890	270	63	.00	5.6	1420	7.6	--
	TDHR			8-13-68	18	--	52	34	219	--	299	0	279	153	1.1	5.5	--	910	269	64	.00	5.8	1440	7.5	26
712	TDHR	--	QTal	7-18-67	29	--	27	9	247	--	235	0	190	167	1.9	4.0	--	790	104	84	1.79	11	1250	7.2	--
	TDHR			5-29-70	31	--	29	15	242	--	261	0	179	194	1.7	4.5	.5	830	136	80	1.61	9.1	1310	7.6	23
	GS			4-19-73	--	--	--	--	--	--	--	--	--	180	--	--	--	--	--	--	--	--	1370	--	23
714	GS	--	QTal	do.	--	--	--	--	--	--	--	--	130	--	--	--	--	--	--	--	--	1430	--	23	
801	GS	400	QTal	4-28-60	28	--	26	13	254	3.4	283	0	228	142	--	9.7	.64	846	126	81	--	9.8	1370	7.5	22
	TDHR			6-4-70	30	--	41	20	268	--	292	0	239	200	1.4	8.5	--	950	183	76	1.12	8.6	1500	7.5	23
802	GS	414	QTal	8-9-54	32	--	24	14	209	--	323	0	136	108	1.8	7.2	.44	713	118	79	2.94	8.4	1140	7.8	--
	TDHR			8-10-66	27	--	73	45	304	--	253	0	310	345	1.7	1.5	--	1230	368	64	.00	6.9	1980	7.4	24
	TDHR			8-13-68	24	--	64	35	286	--	285	0	265	285	1.6	5.0	--	1110	304	67	.00	7.1	1800	7.6	26
803	GS	384	QTal	8-9-54	28	--	63	37	238	--	274	0	249	245	1.2	6.0	.30	1000	309	63	.00	5.9	1670	7.6	23
804	GS	450	QTal	do.	32	--	56	35	230	--	272	0	231	232	1.4	5.0	.27	986	286	64	.00	5.9	1600	7.7	24
	TDHR			8-10-66	26	--	91	54	291	--	254	0	312	394	1.4	2.5	--	1300	447	59	.00	6.0	2350	7.6	25
	TDHR			7-18-67	31	--	94	51	301	--	254	0	316	402	1.4	4.0	--	1330	445	60	.00	6.2	2130	7.7	--
	TDHR			8-13-68	26	--	78	64	297	--	255	0	330	391	1.3	4.4	--	1310	459	58	.00	6.0	2150	7.4	26
	TDHR			6-5-70	31	--	96	55	294	--	256	0	334	401	1.4	1.5	.5	1340	464	58	.00	5.9	2090	7.3	24
805	TDHR	--	QTal	do.	31	--	85	45	259	--	259	0	274	342	1.7	1.8	.5	1170	400	58	.00	5.6	1850	7.2	24
806	TDHR	457	QTal	8-10-66	26	--	116	56	236	--	251	0	299	373	1.3	2.5	--	1230	520	50	.00	4.6	2040	7.4	--
	TDHR			7-18-67	29	--	102	58	237	--	257	0	265	356	1.4	4.0	--	1180	495	51	.00	4.6	2000	7.5	--
	TDHR			8-13-68	24	--	115	62	240	--	256	0	353	369	1.2	2.5	--	1290	542	49	.00	4.5	2070	7.5	26
	GS			4-19-73	--	--	--	--	--	--	--	--	--	--	380	--	--	--	--	--	--	--	--	2230	--
902	TDHR	500	QTal	8-10-66	29	--	42	10	385	--	198	0	434	231	2.2	20	--	1250	148	85	.29	14	1955	7.4	26
	TDHR			7-18-67	33	--	44	9	382	--	196	0	415	242	2.2	24	--	1250	148	85	.26	14	1960	7.5	--
	TDHR			8-13-68	26	--	46	10	379	--	177	0	491	231	2.1	25	--	1300	156	84	.00	13	1990	7.6	26
904	TDHR	250	QTal	2-11-71	30	--	42	15	303	--	255	0	269	248	2.0	6	--	1040	169	79	.80	10	1610	7.8	--
52-201	TDHR	733-773	Pc	12-12-65	19	--	57	36	90	--	233	0	147	59	2.2	56	--	580	291	40	.00	2.3	940	7.8	--
301	TDHR	1163-1722	Pc	8-11-70	18	--	181	94	478	--	281	0	690	670	2.0	1.0	--	2270	840	55	.00	7.2	3280	7.6	27
401	TDHR	250	QTal	11-24-70	12	--	98	110	276	--	206	0	660	282	2.5	56	--	1600	700	46	.00	4.5	2230	7.7	--
602	TDHR	1241-1560	Pc	8-11-70	18	--	176	88	478	--	272	0	690	650	2.1	1.5	--	2240	800	56	.00	7.4	3190	7.7	27
53-401	--	--	Pc	7-29-68	11	--	57	36	118	--	208	0	144	158	.7	--	--	627	290	47	--	3.0	1080	7.1	27
	--			8-13-70	18	--	49	35	103	--	190	0	97	158	.8	4.4	--	550	269	45	.00	2.7	984	--	--
57-401	GS	257	QTal	10-10-72	28	--	8.0	45	290	--	418	20	310	86	5.8	8.9	--	1010	200	76	3.42	8.8	1550	8.5	19
701	GS	--	QTal	10-4-72	--	--	53	24	--	--	236	0	190	39	--	--	--	--	230	--	.0	--	875	8.1	20
904	GS	87	Pc	12-13-72	--	--	14	76	--	--	272	12	550	180	--	--	--	--	350	--	.0	--	2060	8.4	19
58-506	TDHR	481-798	QTal	5-15-73	35	--	20	7.8	120	--	258	0	79	23	2.7	4.9	--	416	82	76	2.59	5.8	658	7.8	--
602	GS	385*648	QTal	6-13-74	35	--	20	9.5	110	6.2	264	0	2	24	2.2	--	--	416	89	71	2.55	5.1	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 OR PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DIS-SOLVED SILICA (SiO ₂) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO ₃) (MG/L)	CARBONATE (CO ₃) (MG/L)	DIS-SOLVED SULFATE (SO ₄) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED NITRATE PLUS NITRITE (N) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARDNESS (CA, MG) (MG/L)	PER CENT SODIUM	RESIDUAL SODIUM CARBONATE (NSC)	SODIUM ADSORPTION RATIO (SAR)	SPECIFIC CONDUCTANCE (MICROHMS)	PH (UNITS)	TEMPERATURE (°C)
7/ HL-47-58-603 7/ 7/	GS	1205-1237	--	7-7-74	21	--	32	16	210	11	288	0	200	120	1.9	7.1	--	761	150	75	1.81	7.6	1220	7.8	26
	GS	1083-1115	--	7-13-74	17	--	24	8.5	250	12	334	0	230	110	1.8	1.6	--	819	95	83	3.58	11	1270	7.8	25
	GS	552-584	--	7-16-74	17	--	31	27	100	5.8	228	0	140	53	1.1	10	--	497	190	53	.00	3.2	867	7.8	--
59-101	GS	425-625	QTal	8-10-54	31	--	19	8.5	194	--	290	0	157	70	1.6	6.3	0.45	651	82	84	3.10	9.3	1020	7.8	24
	TDHR			8-10-66	18	--	22	9	194	--	255	0	120	116	1.9	1.5	--	610	94	82	2.30	8.7	1005	7.3	--
	TDHR			7-18-67	29	--	28	2	187	--	242	0	115	113	2.0	6.0	--	600	80	84	2.36	9.1	980	7.8	--
	TDHR			4-30-68	32	--	21	8	179	--	238	0	130	105	2.0	4.0	--	600	84	82	2.22	8.5	995	8.0	24
102	TDHR	240-511	QTal, K	8-10-66	20	--	67	33	169	--	285	0	180	166	1.7	5	--	780	304	55	.00	4.2	1255	7.6	25
	TDHR			7-18-67	20	--	84	36	168	--	279	0	209	197	1.4	7.0	--	860	360	50	.00	3.8	1380	7.5	--
	TDHR			8-13-68	20	--	52	29	160	--	278	0	171	136	1.5	5.5	--	710	252	58	.00	4.4	1150	7.8	--
	TDHR			6-4-70	20	--	70	36	161	--	285	0	199	177	1.3	5	.4	810	324	52	.00	3.9	1290	8.0	--
104	GS	460-660	QTal	8-10-54	31	--	18	7	188	--	236	0	119	116	2.0	5.8	.38	619	74	85	2.39	9.5	985	7.9	24
	TDHR			8-10-66	27	--	21	9	194	--	287	0	160	76	1.7	2.5	--	630	89	83	2.93	8.9	1005	7.9	--
	TDHR			7-18-67	29	--	25	7	200	--	289	0	163	77	1.8	7.0	--	650	90	83	2.95	9.2	1010	7.7	--
	TDHR			4-30-69	30	--	22	9	194	--	288	0	185	66	1.5	5.5	--	660	92	82	2.88	8.8	1015	8.0	24
106	TDHR	415-615	QTal	7-18-67	29	--	28	6	214	--	245	0	129	149	1.8	5.0	--	680	96	83	2.11	9.5	1135	7.5	--
	TDHR			6-5-70	29	--	24	11	211	--	248	0	147	153	1.7	1.8	.5	700	105	81	1.97	8.9	1125	7.1	24
107	GS	600	QTal	4-19-73	19	--	70	42	160	--	280	0	190	180	1.0	6.7	--	814	350	50	.00	3.8	1380	7.4	--
108	TDHR	500	QTal	8-10-66	28	--	32	13	189	--	246	0	137	142	1.6	3.5	--	670	134	75	1.36	7.1	1082	7.3	--
	TDHR			7-18-67	29	--	39	9	197	--	246	0	139	147	1.8	3.5	--	690	133	76	1.39	7.4	1102	7.2	--
	TDHR			4-30-68	24	--	34	12	186	--	248	0	134	143	1.5	2.0	--	660	135	75	1.36	7.0	1108	7.5	--
109	TDHR	240-536	QTal	8-10-66	22	--	34	15	178	--	282	0	116	125	2.2	1.5	--	630	146	73	1.70	6.4	1070	7.3	--
110	GS	1200	QTal	6-30-50	20	--	66	42	148	--	276	0	191	166	--	.5	--	788	337	49	.00	3.5	1310	7.5	--
112	TDHR	600	QTal	6-4-70	32	--	34	10	219	--	233	0	169	177	1.5	5.0	.5	760	126	79	1.31	8.5	1190	7.7	--
113	TDHR	400-475	QTal	8-10-66	27	--	16	6	202	--	255	0	131	104	2.2	3.5	--	620	64	87	2.90	11	995	7.2	25
	TDHR			7-18-67	29	--	16	5	201	--	246	0	138	107	2.0	7.0	--	630	60	88	2.84	11	998	7.7	--
	TDHR			4-30-68	30	--	15	8	198	--	243	0	145	94	2.0	5.0	--	620	69	86	2.60	10	1003	8.0	24
201	GS	552	QTal, KT	8-9-54	22	--	88	54	253	--	264	0	324	315	1.0	4.3	.24	1190	442	55	.00	5.2	1990	7.6	26
	GS			5-12-60	20	--	98	61	285	12	262	0	390	362	--	2.8	.31	1360	496	55	.00	5.6	2160	7.0	26
	TDHR			4-30-68	18	--	104	54	287	--	259	0	393	355	1.1	2.0	--	1340	483	56	.00	5.7	2060	7.8	26
202	GS	500	QTal, KT	5-4-50	20	0.04	83	55	253	--	274	0	311	308	--	4.5	.34	1170	433	56	.00	5.3	1970	7.3	--
203	GS	550	QTal, KT	8-9-54	19	--	111	66	296	--	288	0	405	388	1.4	4.8	.32	1430	548	54	.00	5.5	2350	7.5	26
	TDHR			8-10-66	17	--	121	65	309	--	284	0	398	410	1.7	1.5	--	1460	570	54	.00	5.6	2500	7.3	--
	TDHR			7-18-67	18	--	128	63	309	--	287	0	448	415	1.5	4.0	--	1530	580	54	.00	5.6	2350	7.3	--
	TDHR			8-13-68	18	--	123	69	290	--	284	0	424	402	1.6	2.0	--	1470	590	52	.00	5.2	2350	7.5	--
204 & 211	GS	--	QTal, KT	9-5-51	24	--	55	45	223	--	229	0	258	242	--	5.0	.26	1070	322	60	.00	5.4	1700	8.2	25
	TDHR			6-6-70	23	--	143	73	327	--	275	0	469	468	1.7	<.4	.40	1640	660	52	.00	5.5	2490	7.2	--
	GS			4-19-73	20	--	140	74	380	--	285	0	520	500	1.1	3.1	--	1780	650	56	.00	6.6	2780	7.7	--
207	TDHR	550	QTal, KT	8-10-66	17	--	110	59	272	--	290	0	327	354	1.5	<.4	--	1280	520	53	.00	5.2	2060	7.4	--
	TDHR			8-13-68	17	--	112	59	265	--	272	0	363	355	1.3	2.5	--	1310	520	52	.00	5.1	2100	7.8	--
208	TDHR	406	QTal, KT	7-18-67	30	--	60	27	235	--	248	0	178	263	1.3	5.0	--	920	261	66	.00	6.3	1590	7.6	--
	TDHR			4-30-68	26	--	62	29	252	--	249	0	242	269	1.1	2.0	--	1000	276	66	.00	6.6	1620	7.9	24
209	GS	412-612	K	3-23-72	18	--	74	50	250	--	224	0	310	300	1.1	5.3	--	1110	390	58	.00	5.5	1850	8.0	--
210	TDHR	--	QTal, KT	7-18-67	24	--	105	50	267	--	266	0	345	342	1.3	5.5	--	1270	466	55	.00	5.4	1980	7.4	--
212	TDHR	387	QTal, KT	do.	18	--	144	76	360	--	281	0	469	520	1.7	3.5	--	1730	670	54	.00	6.0	2750	7.4	--
301	GS	410	QTal, KT	8-10-54	32	--	76	41	381	--	255	0	454	358	2.0	11	.73	1480	358	70	.00	8.8	2380	7.7	--
302	GS	500	QTal, KT	do.	18	--	140	90	419	19	293	0	592	570	1.4	2.5	.39	2000	720	57	.00	6.8	3160	7.4	26
	TDHR			8-10-66	16	--	150	84	402	--	284	0	570	560	2.0	<.4	--	1920	720	55	.00	6.5	2890	7.6	27
	TDHR			7-18-67	15	--	154	79	411	--	288	0	590	560	1.8	3.5	--	1960	710	56	.00	6.7	2940	7.4	--
	TDHR			4-30-68	13	--	148	84	420	--	288	0	650	540	1.5	<.4	--	2000	716	56	.00	6.8	2940	7.8	24
303	GS	500	QTal, KT	8-10-54	18	--	116	71	325	--	289	0	444	470	1.4	4.5	.35	1550	582	55	.00	5.9	2520	8.0	--
	TDHR			8-10-66	16	--	149	77	368	--	281	0	530	510	1.7	<.4	--	1740	690	54	.00	6.1	2790	7.4	--
	TDHR			4-30-68	13	--	128	82	376	--	255	0	540	500	1.5	<.4	--	1790	660	55	.00	6.4	2690	8.0	25

See footnotes at end of table.

Table 3.--Chemical analysis 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) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO ₃) (MG/L)	CARBONATE (CO ₃) (MG/L)	DIS-SOLVED SULFATE (SO ₄) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARDNESS (CA, MG) (MG/L)	PERCENT SODIUM	RESIDUAL SODIUM CARBONATE (RSC)	SODIUM ADSORPTION RATIO (SAR)	SPECIFIC CONDUCTANCE (MICROMHMS)	PH (UNITS)	TEMPERATURE (°C)
HL-47-59-305	TDHR	630	QTal,K	8-10-66	18	--	153	87	423	--	292	0	590	570	1.9	<0.4	--	1990	740	55	0.00	6.8	2990	7.4	--
	TDHR			7-18-67	33	--	152	83	416	--	284	0	550	570	1.9	3.5	--	1950	720	56	.00	6.7	3000	7.5	--
	GS			4-19-73	--	--	--	--	--	--	--	--	--	--	570	--	--	--	--	--	--	--	--	--	--
306	TDHR	500	QTal,K?	8-10-66	17	--	153	91	403	--	289	0	600	560	1.8	<.4	--	1970	760	54	.00	6.4	2950	7.4	--
	TDHR			7-18-67	15	--	162	81	416	--	289	0	590	570	1.7	.4	--	1980	740	55	.00	6.7	2980	7.6	--
	TDHR			4-30-68	16	--	154	90	410	--	288	0	630	560	1.8	<.4	--	2000	750	54	.00	6.5	2990	7.7	24
308	GS	500	QTal,K?	8-10-54	18	--	136	89	417	19	286	0	587	570	1.4	2.8	.37	1980	706	55	.00	6.8	3120	7.8	--
309	GS	514	QTal,K?	8- 9-54	20	--	130	88	400	18	288	0	563	540	1.4	2.8	.41	1910	686	55	.00	6.6	3010	7.5	--
	SWL			8- 3-72	--	--	--	--	--	--	--	--	--	619	565	--	--	--	2016	--	--	--	--	--	--
312	SWL	290	--	do.	--	--	--	--	--	--	--	--	528	625	--	--	--	2327	--	--	--	--	--	--	--
601	TDHR	--	QTal	2-18-71	35	--	34	10	145	--	220	0	202	17	1.2	29	--	580	125	72	1.11	5.6	836	7.6	20
901	TDHR	700	P	3-12-71	16	--	51	28	137	--	228	0	157	130	1.7	8.5	--	640	241	55	.00	3.8	1010	7.5	26
60-104	SWL	364	--	8- 3-72	--	--	101	60	420	--	206	0	517	500	--	--	--	1776	498	65	.00	8.2	--	--	--
401	TDHR	360	QTal	2-23-71	30	--	11	3	102	--	238	0	44	3	2.2	19	--	331	40	85	3.10	7.0	484	8.0	--
404	TDHR	350-592	QTal	2-19-71	32	--	22	4	98	--	149	0	108	22	1.0	18	--	378	72	75	1.01	5.0	557	7.7	26
601	TDHR	505-600	P	2-25-71	16	--	97	46	215	--	253	0	276	288	1.9	7.6	--	1070	431	52	.00	4.5	1680	7.8	20
603	GS	600	P	7-29-60	14	--	156	78	508	--	282	0	612	670	--	1.0	--	2180	710	61	.00	8.3	3430	7.1	24
	TDHR			2-25-71	18	--	169	82	478	--	285	0	620	670	2.1	<.4	--	2180	760	58	.00	7.6	3100	7.7	--
701	GS	350-655	QTal	10-12-71	31	--	25	6.8	81	--	144	0	59	55	.7	9.3	.27	339	90	66	.55	3.7	544	8.0	--
61-401	TDHR	577	P	3-17-71	16	--	161	79	447	--	275	0	600	630	2.3	4.5	--	2080	730	57	.0	7.2	3000	7.5	23
403	TDHR	740	P	2-25-71	7	--	92	43	216	--	221	0	316	272	2.5	<.4	--	1060	406	54	.0	4.7	1650	7.6	18
PD-48-08-405	GS	12.5	Qal	10-30-75	42	--	1000	8000	39000	2000	198	0	18000	71000	4.2	.87	--	139000	35000	69	.00	90	141000	6.8	--
23-901	GS	--	--	3-29-72	--	--	230	85	--	--	272	0	740	280	--	--	--	--	930	--	.00	--	2470	7.7	20
24-201	GS	38	Qal	3-28-72	--	--	220	100	--	--	276	0	790	660	--	--	--	--	990	--	.00	--	3610	7.6	18
202	GS	--	--	do.	--	--	290	100	--	--	268	0	830	660	--	--	--	--	1100	--	.00	--	3620	7.6	20
203	EPTL	535	Pbavp	19617	24	1.0	--	--	--	--	143	0	466	382	--	--	--	1393	--	--	--	--	--	7.6	--
902	GS	340	Pbavp	3-29-72	--	--	200	70	--	--	270	0	530	380	--	--	--	--	790	--	.00	--	2570	7.5	22
45-602	SWL	930-1060	K	7-13-72	--	0.3	80	50	444	--	443	0	402	618	1.7	1.2	--	1634	406	70	--	--	2536	7.2	25
	SWL			5-29-72	--	--	--	--	--	--	--	--	409	525	--	--	--	1780	--	--	--	--	--	--	--
	TDHR			2-10-75	--	12.8	109	47	520	36	434	0	434	590	3.8	3.2	--	2180	464	69	.00	10	3770	7.6	--
603	TDHR	917-1096	K	2- 5-75	--	13.8	50	23	416	25	196	0	304	500	3.2	.5	--	1500	219	78	.00	12	2730	7.9	--
901	SWL	1126	K	3-19-72	--	--	--	--	--	--	--	--	256	78	--	--	--	808	--	--	--	--	--	--	
46-401	SWL	1093	K	do.	--	--	--	--	--	--	--	--	461	915	--	--	--	2506	--	--	--	--	--	--	
701	SWL	1137	K?	3-29-72	--	--	--	--	--	--	--	--	367	631	--	--	--	1868	--	--	--	--	--	--	
53-301	SWL	1341	K	3-15-72	--	--	--	--	--	--	--	--	758	177	--	--	--	1780	--	--	--	--	--	--	
403	SWL	166-200	T1 or Qal	4-13-72	--	--	--	--	--	--	--	--	48	32	--	--	--	536	--	--	--	--	--	--	
501	SWL	481-1110	K?	3-15-72	--	--	--	--	--	--	--	--	1058	135	--	--	--	2336	--	--	--	--	--	--	
801	TDHR	101	K	9-27-68	--	<.02	96	19	55	--	324	0	94	48	1.3	5.0	--	640	316	27	.00	1.3	924	7.8	--
802	TDHR	184	K	11-17-70	--	<.02	109	11	40	--	320	0	107	18	1.3	5.0	--	610	315	22	.00	1.0	820	7.5	--
	GS			7-20-71	--	--	100	12	--	--	316	0	100	19	--	--	--	--	310	--	--	.00	--	742	7.6
803	TDHR	357	K	2- 3-72	--	.30	115	17	81	--	332	0	164	62	1.6	4.0	--	780	358	33	.00	1.9	1113	7.5	--
804	GS	970	K	8-23-71	19	.01	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	3-30-72	--	--	--	--	--	--	--	--	323	496	--	--	--	1608	--	--	--	--	--	--	

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 Dolson--Continued

WELL	ANALYSIS BY	DEPTH OR PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DIS-SOLVED SILICA (SiO ₂) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO ₃) (MG/L)	CARBONATE (CO ₃) (MG/L)	DIS-SOLVED SULFATE (SO ₄) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARDNESS (CA, MG) (MG/L)	PERCENT SODIUM	RESIDUAL CARBONATE (RSC)	SODIUM ADSORPTION RATIO (SAR)	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (°C)
PD-48-54-401	TDHR	1102	K	9-27-68	--	0.04	97	36	540	--	356	0	362	650	4.5	<0.4	--	2050	390	75	0.00	12	3801	7.5	--
402	GS	500-950	K	7-23-43	--	--	27	9.8	303	--	346	0	184	202	--	8.4	--	905	108	86	3.52	13	1610	--	38
404	GS SWL	900-1000	K	9-14-48 3-27-72	25 --	.3 --	60 --	17 --	489 --	26 --	342 --	0 --	363 121	450 131	5.2 --	13 --	0.99	1620 638	220 --	81	1.21	14	2660	7.7	--
405	GS	600-957	K	7-23-43	20	1.1	68	19	496	22	340	0	373	468	5.3	16	--	1664	248	80	.75	14	--	7.8	31
501	SWL	1117-1177	K	4-10-72	--	--	--	--	--	--	--	--	267	681	--	--	--	1676	--	--	--	--	--	--	--
502	SWL	950	K	3-31-72	--	--	--	--	--	--	--	--	459	606	--	--	--	1984	--	--	--	--	--	--	--
503	GS	880-1210	K	8-23-77	27	--	86	26	610	--	372	0	390	650	4.9	4.2	--	1980	320	80	.00	15	3330	7.8	28
801	GS	920-945	K	9-15-72	19	--	81	30	600	--	426	0	400	610	4.8	1.1	--	1960	330	80	.47	15	3260	8.0	22
901	GS	1150	K	7-23-43	--	--	128	65	1103	--	380	0	1498	775	--	26	--	3780	587	80	.00	20	5600	--	--
53-902	GS	12-190	PG	8-31-72	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	PG	9- 1-72	--	--	74	59	--	--	464	0	210	110	--	--	--	--	430	--	--	--	1430	7.7	22
803	GS	130	PG	do.	--	--	57	31	--	--	300	0	90	43	--	--	--	--	270	--	--	--	789	7.8	19
61-201	GS	200-690	K	4-12-51 2-18-70	21 11	--	56 53	35 33	130 106	--	328 298	0	233 212	39 21	--	.2 <.4	--	674 590	284 46	50 46	.00 .00	3.4 2.8	1030 905	8.2 7.8	-- 21
302	GS	440-750	QTal	8-17-72	14	--	41	27	120	--	268	0	210	32	1.8	.4	--	580	210	56	.12	3.7	907	8.2	--
	GS			2- 7-74	--	--	50	29	--	--	298	0	170	37	--	--	--	--	240	--	--	--	937	8.2	--
501	GS	420	K?	12- 3-73	--	--	53	35	--	--	264	16	180	56	--	--	--	--	280	--	--	--	1000	8.6	20
62-701	GS TDHR	525	QTal	4-12-51 2-18-70	25 5	--	46 26	26 23	137 119	--	314 231	0	196 171	42 33	--	.2 1.5	--	626 495	222 161	57 62	.71 .57	20 4.1	967 789	8.3 7.5	-- 18
801	GS	598	QTal	8-17-72	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	QTal	5-22-64	22	--	35	20	132	--	276	0	147	48	2.1	7.3	--	549	170	63	1.12	4.4	852	7.7	21
63-302	GS	485-602	PG	8-31-64	27	--	41	44	154	--	410	0	185	58	1.1	6.5	--	719	284	54	1.05	4.0	1130	7.6	26
303	GS	212	PG	8-31-72	--	--	62	50	--	--	322	6	290	83	--	--	--	--	360	--	0	--	1290	8.4	23
803	GS	213	K	7-10-72	--	--	550	180	--	--	380	0	2000	5.5	--	--	--	--	2100	--	0	--	3260	7.7	21
902	GS	238	QTal?	6- 8-73	37	--	30	23	94	--	334	0	55	20	2.8	8.0	--	434	170	55	2.08	3.1	678	8.2	21
64-601	GS	177	--	7-24-43	--	--	91	66	106	--	302	0	328	93	--	11	--	868	498	32	.00	2.1	1330	--	--
603	GS	220	QTal?	8-24-72	--	--	52	40	--	--	328	0	200	45	--	--	--	--	290	--	.00	--	1030	7.8	21
901	GS	738-1011	QTal	7-23-43	--	--	10	8.2	151	--	238	0	135	32	--	6.9	--	460	?	85	2.73	8.6	--	--	--
50-06-203	GS	667	K?	8-10-72	16	--	62	38	240	--	322	0	410	85	2.6	18	--	1020	310	62	.00	5.9	1560	7.9	22
301	TAES	360-390	QTal	6-27-60	--	--	46	21	94	--	259	0	132	39	--	--	--	591	205	50	.21	2.9	--	--	--
801	GS	190	K?	8-10-72	--	--	110	92	--	--	430	0	620	20	--	--	--	--	660	--	.00	--	1750	7.8	22
07-201	GS	66-284	K?	8- 3-72	--	--	57	18	--	--	298	0	48	16	--	--	--	--	220	--	.56	--	596	8.0	23
401	GS	510	QTal	10-30-64	36	.05	47	6.7	49	--	210	0	51	14	.7	4.5	--	312	145	42	.54	1.8	480	7.1	28
	GS			6- 6-73	--	--	46	6.6	--	--	228	0	52	17	--	--	--	--	140	--	.90	--	499	7.8	29
501	GS	1000	QTal	11-28-73	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	1100		11-29-73	23	--	10	2.2	110	--	206	0	40	33	2.4	6.6	--	326	34	87	2.70	8.1	508	8.3	30
	GS	858-878		12-13-73	4.1	--	16	4.4	290	--	344	12	290	54	2.7	2.5	--	838	58	92	4.88	16.0	1320	8.4	--
801	GS	510	QTal	10-30-64	36	.61	23	1.6	55	--	122	0	48	19	1.0	6.4	--	250	64	65	.72	3.0	380	7.4	29
08-101	GS	40-237	K	9-14-72	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	7-24-43	--	--	72	12	27	--	273	0	46	11	--	.8	--	360	229	20	.00	.8	550	--	28
14-501	GS	--	?	12- 4-61	42	.03	135	28	2370	--	892	0	1150	2600	--	--	--	6760	452	92	5.58	49	10400	6.5	42

See footnotes at end of table.

Table 3.--Chemical analysis of water from selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Provido 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) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO ₃) (MG/L)	CARBONATE (CO ₃) (MG/L)	DIS-SOLVED SULFATE (SO ₄) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED 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)
PD-50-14-502	GS	--	?	6- -53	21	--	43	17	885	--	645	0	505	738	2.6	1.2	--	2530	178	92	7.03	29	4180	7.1	--
	GS	--	?	12- 4-61	35	0.02	63	19	839	--	668	0	504	700	--	--	--	2490	235	89	6.25	24	3990	7.2	14
503	GS	--	?	6- -53	36	--	153	33	2550	--	907	0	1170	2900	2.6	--	--	7290	518	90	4.52	49	11100	7.1	--
	GS	--	?	1-23-73	42	--	58	31	2600	--	628	0	1200	2900	2.3	3.1	--	7070	270	95	4.85	68	11500	7.6	50
504	GS	--	?	6- -53	--	.01	--	--	2500	--	1000	0	1170	2900	--	--	--	--	690	--	--	--	11200	7.1	--
505	GS	--	?	do.	--	--	--	--	2620	--	956	0	1200	3000	--	--	--	--	560	--	--	--	11400	7.1	--
508	PL	0-152	QTal	1- -69	--	--	180	24	2370	--	915	0	1075	2740	--	--	--	--	--	53	4.05	44	--	6.4	--
509	PL	0-80	Qal	do.	--	--	380	182	2870	--	122	0	1425	4520	--	--	--	--	--	79	.00	30	--	7.9	--
15-101	GS	114	QTal	6-15-64	43	.04	15	19	11	--	139	0	18	3.2	.7	--	--	178	116	17	.00	.4	275	7.4	--
201	GS	460	QTal	10-30-64	24	--	10	1.9	101	--	166	0	52	33	3.0	9.4	--	316	33	87	2.06	7.6	511	7.4	26
801	GS	47	Qal	11-10-64	47	.02	44	29	361	--	394	0	420	171	2.7	6.9	--	1280	230	77	1.87	10	1930	7.8	--
902	GS	40	Qal	9- 1-64	27	--	608	117	1590	--	320	0	2000	2210	--	--	1.6	6710	2000	63	.00	15	9420	6.7	21
905	GS	35-65	Qal	4-15-74	43	--	220	97	1300	25	156	0	1200	1700	.5	4.9	--	4670	950	74	.00	18	7370	7.9	20
16-703	GS	224	QTal	11-10-64	15	.27	6.0	.7	84	--	174	0	38	8.6	1.6	3.0	--	243	18	91	2.50	8.6	394	8.0	--
	GS	--	?	1-25-73	--	--	7.8	.8	--	--	182	0	39	11	--	--	--	--	23	--	2.53	--	400	8.3	26
24-202	GS	66	Qal	1-25-73	41	--	94	35	940	--	288	0	800	960	1.5	.04	--	3020	380	84	.00	21	4660	7.9	22
301	GS	255-330	QTal	11-16-73	--	--	17	4.1	--	--	204	0	46	16	--	--	--	--	59	--	2.16	--	464	8.0	22
503	GS	65	Qal	11-10-64	28	.01	152	48	389	--	239	0	388	580	.7	2.5	--	1710	576	59	.00	7.0	2750	7.5	--
505	GS	50±	Qal	11-16-73	1.7	--	400	410	5000	120	44	0	2900	7300	.1	8.4	--	16200	2700	79	.00	42	23900	6.6	17
51-01-301	GS	80	Qal	11-29-72	--	--	160	72	23	11	106	0	36	79	--	625	--	1060	700	7	.00	.4	1640	7.1	17
501	GS	350-500	QTal	7-31-43	--	--	--	--	--	--	293	0	45	9	--	--	--	--	--	--	--	--	393	--	23
	GS	--	?	3-27-61	16	--	6.5	1.6	139	--	179	67	46	14	--	0	--	378	22	93	4.7	13	648	9.2	21
503	GS	530	QTal	10-12-72	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
504	GS	1653-1685	QTal	10- 7-74	12	--	24	5.2	290	8.8	440	0	170	110	4.1	.19	--	841	81	87	5.6	14	1350	8.1	--
	GS	1308-1340	?	10- 8-74	5.4	--	28	4.2	180	.2	332	0	140	46	4.1	.12	--	572	87	82	.0	8.4	982	8.3	--
	GS	1024-1056	?	10-10-74	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
	GS	845-877	?	10-11-74	8	--	20	2.7	120	.4	236	0	110	13	2.1	.06	--	393	61	81	.0	6.7	661	8.2	--
HL-51-01-601	GS	503	QTal	11-12-64	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	8-31-64	18	.20	7.8	2.1	83	--	174	0	37	15	1.7	3.2	--	254	28	87	2.29	6.8	406	7.4	27
HL-51-02-201	GS	411	QTal	7-30-43	--	--	--	--	--	--	257	0	119	27	--	--	--	--	--	--	--	--	743	--	--
203	GS	370	QTal,P	7-28-43	--	--	--	--	--	--	228	0	49	18	--	--	--	--	--	--	--	--	533	--	--
	GS	--	?	4-10-73	--	--	--	--	--	--	--	--	--	25	--	--	--	--	--	--	--	--	582	--	20
502	GS	350	QTal	7-29-43	--	--	--	--	--	--	253	0	56	19	--	--	--	--	--	--	--	--	583	--	25
601	GS	391	QTal,P	7-28-43	--	--	--	--	--	--	243	0	68	29	--	--	--	--	--	--	--	--	625	--	25
901	GS	380	QTal	5- 5-50	65	--	--	--	88	--	211	0	48	16	--	5.8	.45	363	57	77	2.32	5.1	506	7.9	--
	TDHR	--	?	7-19-67	56	--	21	4	89	--	201	0	58	27	2.0	5.0	--	361	67	74	1.96	4.7	530	7.2	--
903	TDHR	421	QTal	do.	60	--	27	3	88	--	249	0	41	16	1.8	3.0	--	362	82	70	2.45	4.2	521	7.3	--
	GS	--	?	4-29-68	51	--	15	4	88	--	215	0	48	11	2.0	<.4	--	325	53	78	2.46	5.3	481	7.4	26
905	GS	406	QTal	4-10-73	--	--	--	--	--	--	--	--	--	19	--	--	--	--	--	--	--	--	507	--	--
	GS	--	?	5-17-74	--	--	--	--	--	--	--	--	--	22	--	--	--	--	--	--	--	--	538	--	--
907	TDHR	407	QTal	6-14-67	38	--	18	3	87	--	212	0	49	17	1.9	4.0	--	322	57	77	2.35	5.0	481	7.3	--
	TDHR	--	?	4-29-68	49	--	16	4	86	--	211	0	48	12	1.7	4.0	--	325	56	77	2.34	5.0	486	8.3	--
	GS	--	?	5-17-73	--	--	--	--	--	--	--	--	--	18	--	--	--	--	--	--	--	--	512	--	--
910	GS	385	QTal	5- 5-50	66	--	14	4.4	90	--	208	0	49	16	--	4.8	.23	359	53	79	2.35	5.4	502	8.3	--
911	GS	320-490	QTal	8-15-73	--	--	--	--	--	--	--	--	--	16	--	--	--	--	--	--	--	--	516	--	27

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 Holson--Continued

WELL	ANALYSIS BY	DEPTH OR PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DIS-SOLVED SILICA (SiO ₂) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO ₃) (MG/L)	CARBONATE (CO ₃) (MG/L)	DIS-SOLVED SULFATE (SO ₄) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED NITRATE PLUS NITRITE (N) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (CA, MG) (MG/L)	HARDNESS (CA, MG) (MG/L)	PER-CENT SODIUM	RESIDUAL SODIUM CARBONATE (RSC)	SODIUM ADSORPTION RATIO (SAR)	SPECIFIC CONDUCTANCE (MICROHMS)	PH (UNITS)	TEMPERATURE (°C)
HL-51-02-926	TDHR	180-400	QTal	8-11-66	62	--	16	5	86	--	214	0	48	17	2.0	3.0	--	344	61	76	2.29	4.8	485	7.5	24
	TDHR			7-19-67	65	--	19	3	86	--	212	0	44	17	1.9	5.0	--	345	60	76	2.28	4.8	490	7.5	--
	TDHR			4-29-68	66	--	16	4	86	--	192	6	49	13	2.1	5.0	--	339	58	76	2.18	4.9	490	8.5	26
927	TDHR	--	QTal	7-19-67	38	--	18	4	87	--	214	0	50	18	2.0	7.0	--	329	63	75	2.24	4.8	494	7.5	--
928	GS	463	QTal	5- 5-50	66	--	--	--	89	--	211	0	50	17	--	6.3	0.24	366	59	77	2.28	5.0	517	7.9	--
929	TDHR	422	QTal	6-14-67	52	--	18	2	95	--	210	0	53	20	1.7	4.0	--	349	52	80	2.41	5.7	496	7.2	--
	TDHR			4-29-68	57	--	13	3	87	--	184	6	58	15	1.4	5.0	--	335	46	81	2.30	5.6	444	8.5	--
03-201	GS	967	P	8-24-43	--	--	47	30	152	--	196	16	176	138	--	10	--	--	241	58	.00	4.3	--	--	26
401	GS	60	Qal or Tv	7-28-43	--	--	--	--	--	--	342	0	123	50	--	--	--	--	--	--	--	--	908	--	24
402	GS	550	QTal	do.	--	--	--	--	--	--	224	0	62	22	--	--	--	--	--	--	--	--	562	--	26
801	GS	400	QTal	8-26-43	--	--	37	8.4	84	--	202	0	91	29	--	11	--	360	127	59	.78	3.2	--	--	--
09-102	GS	--	QTal	11-14-72	--	--	50	12	--	--	218	0	44	13	--	--	--	--	170	--	.9	--	461	8.0	--
103	GS	183	K	10-18-72	21	--	200	68	160	--	302	0	810	30	.7	1.3	--	1440	790	30	0	2.5	1840	7.6	21.5
301	GS	> 500	K	12- 1-72	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	11-11-64	32	.03	66	14	13	--	261	0	20	5.6	.6	8.2	--	287	222	12	.00	.4	457	7.3	19
	GS			10-18-72	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?	11-16-72	--	--	61	14	--	--	222	0	30	12	--	62	--	--	210	--	--	--	554	7.8	20
10-303	GS	403	QTal	5-13-60	58	--	13	4.2	86	5.0	201	0	48	18	--	5.3	.21	337	50	77	2.30	5.3	485	7.5	25
	TDHR			7-19-67	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	8-11-66	60	--	21	5	99	--	199	0	78	25	2.0	5.0	--	393	75	74	1.77	4.9	560	7.7	--
	TDHR			7-19-67	60	--	23	3	99	--	192	0	82	26	1.8	16.0	--	405	70	75	1.74	5.1	564	7.6	--
	TDHR			4-29-68	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	4-10-73	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	6-21-49	68	--	13	3.9	89	--	206	0	44	17	--	4.8	--	353	48	80	2.41	5.6	493	8.0	--
	GS			5-17-73	--	--	--	--	--	--	--	--	--	23	--	--	--	--	--	--	--	--	--	579	--
311	GS	187	QTal	8-24-43	--	--	29	5.5	91	--	215	0	73	25	--	7.0	--	--	95	68	1.90	4.1	--	--	--
312	TDHR	100-350	QTal	8-11-66	60	--	105	20	206	--	204	0	236	254	1.9	13.0	--	1000	346	56	.00	4.8	1730	7.5	--
	TDHR			7-19-67	49	--	121	18	228	--	201	0	387	219	1.7	16.5	--	1140	378	57	.00	5.1	1750	7.5	--
314	GS	444	QTal	4-10-73	--	--	--	--	--	--	--	--	17	--	--	--	--	--	--	--	--	--	501	--	--
322	TDHR	385	QTal	8-11-66	60	--	17	6	83	--	216	0	43	17	1.8	1.5	--	336	68	73	2.18	4.4	490	7.3	--
	TDHR			4-29-68	53	--	16	4	84	--	207	0	48	12	1.8	<.4	--	321	54	77	2.32	5.0	480	7.3	--
	GS			4-11-73	--	--	--	--	--	--	--	--	--	17	--	--	--	--	--	--	--	--	--	499	--
323	TDHR	--	QTal	8-13-68	58	--	17	5	89	--	199	0	72	18	1.7	5.0	--	364	65	75	1.97	4.8	520	7.9	--
	GS			4-11-73	--	--	--	--	--	--	--	--	--	20	--	--	--	--	--	--	--	--	--	508	--
325	TDHR	280-500	QTal	8-11-66	56	--	32	5	93	--	214	0	80	28	1.7	3.5	--	405	101	67	1.48	4.0	607	7.6	--
	TDHR			8-13-68	56	--	15	4	83	--	207	0	48	13	1.6	2.5	--	325	57	76	2.27	4.8	479	7.5	--
327	TDHR	--	QTal	6-14-67	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	4-11-73	85	--	160	31	200	--	214	0	460	200	1.2	15.0	--	1240	520	45	.00	3.7	1800	7.6	--
331	TDHR	411	QTalTv?	8-11-66	60	--	21	5	94	--	198	0	72	23	1.9	7.0	--	381	72	74	1.81	4.8	555	7.6	--
	TDHR			7-19-67	56	--	23	4	95	--	194	0	80	27	1.9	7.0	--	389	76	73	1.67	4.7	576	7.5	--
	TDHR			8-13-68	56	--	21	5	99	--	198	0	95	25	1.6	<.4	--	400	74	75	1.77	5.0	580	7.2	--
	GS			4-10-73	--	--	--	--	--	--	--	--	0	--	32	--	--	--	--	--	--	--	--	729	--
333	GS	350	QTal	do.	--	--	--	--	--	--	0	--	17	--	--	--	--	--	--	--	--	508	--	--	
334	GS	312	QTal	1-13-73	64	--	26	68	110	--	--	0	120	26	--	9.7	--	454	93	72	1.29	5.0	665	8.0	25

See footnote 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 Salton--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 CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO ₃) (MG/L)	CARBONATE (CO ₃) (MG/L)	DIS-SOLVED SULFATE (SO ₄) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED NITRATE (N) (MG/L)	DIS-SOLVED NITRITE (NO ₂) (MG/L)	DIS-SOLVED BORON (B) (MG/L)	DIS-SOLVED 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)
HL-51-10-335	GS	67-267	QTalTv	5-4-50	65	--	--	--	87	--	206	0	49	16	--	5.2	0.12	362	54	78	2.30	5.2	510	7.9	24	
	GS			4-10-73	--	--	--	--	--	--	--	--	--	--	25	--	--	--	--	662	--	--	--	662	--	--
336	TDHR	300	QTal	8-11-66	60	--	22	4	91	--	220	0	50	21	2.0	2.5	--	361	72	73	2.17	4.7	516	7.4	26	
	TDHR			7-19-67	60	--	21	2	88	--	209	0	43	21	2.0	6.0	--	350	62	76	2.19	4.9	506	7.5	--	
	TDHR			8-13-68	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	QTalTv	5-4-50	64	--	--	--	87	--	205	0	44	16	--	5.1	.18	353	56	77	2.24	5.1	489	7.9	--	
	TDHR			8-11-66	60	--	14	6	86	--	205	0	45	16	2.0	11.0	--	361	60	76	2.16	4.8	479	7.4	--	
	TDHR			4-29-68	53	--	16	4	86	--	211	0	48	13	1.9	2.5	--	329	56	77	2.34	5.0	492	8.2	--	
	GS			4-11-73	--	--	--	--	--	--	--	--	--	--	17	--	--	--	--	--	--	--	--	502	--	--
603	TDHR	--	QTal	6-14-67	38	--	13	4	90	15	226	0	49	16	1.8	<.4	--	323	48	75	2.74	5.7	497	7.0	25	
	TDHR			4-29-68	57	--	13	4	86	--	209	0	49	12	1.7	2.5	--	328	48	80	2.47	5.4	475	7.8	--	
	GS			4-11-73	--	--	--	--	--	--	--	--	--	--	19	--	--	--	--	--	--	--	--	495	--	--
604	TDHR	368	QTalTv	8-11-66	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	5-2-50	64	--	--	--	88	--	206	0	49	17	--	4.7	--	357	53	78	2.32	5.3	501	8.4	--	
606	GS	355	QTal	5-13-60	60	--	12	5	82	3.6	200	0	44	16	--	3.5	--	326	50	76	2.27	5.0	471	7.9	25	
	GS			4-11-73	--	--	--	--	--	--	--	--	0	--	16	--	--	--	--	--	--	--	--	484	--	--
609	TDHR	--	QTal	8-11-66	60	--	22	7	106	--	209	0	110	17	2.0	2.5	--	430	82	74	1.78	5.1	613	7.3	25	
	TDHR			4-29-68	53	--	22	5	105	--	209	0	110	13	1.9	<.4	--	436	77	75	1.88	5.2	619	7.6	21	
	GS			4-11-73	--	--	--	--	--	--	--	--	0	--	18	--	--	--	--	--	--	--	--	635	--	--
611	TDHR	--	QTal	7-19-67	62	--	25	5	94	--	195	0	76	35	1.8	8.0	--	403	83	71	1.55	4.5	585	7.8	--	
	TDHR			8-13-68	53	--	25	6	93	--	194	0	82	32	1.8	3.5	--	392	87	70	1.44	4.3	595	7.8	--	
612	TDHR	340	QTal	6-14-67	58	--	15	5	99	--	194	0	95	20	1.8	<.4	--	389	60	78	1.98	5.6	550	7.2	24	
613	GS	350	QTal	4-11-73	--	--	--	--	--	--	0	--	21	--	--	--	--	--	--	--	--	--	717	--	--	
614	GS	320-623	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	6-22-49	74	--	15	10	92	--	204	0	68	26	--	6.5	--	400	78	72	1.77	4.5	559	7.9	--	
617	GS	384	QTalTv	6-16-73	--	--	--	--	--	--	0	--	21	--	--	--	--	--	--	--	--	--	550	--	--	
618	TDHR	110-160 265-417	QTal	8-11-66	60	--	58	20	129	--	193	0	263	47	1.9	<.4	--	670	229	55	.00	3.7	983	7.0	26	
	TDHR			7-19-67	60	--	67	14	132	--	178	0	276	55	1.7	12.5	--	710	225	56	.00	3.8	1000	7.2	--	
	TDHR			4-29-68	62	--	57	19	121	--	173	0	255	45	1.7	8.5	--	650	219	54	.00	3.6	975	7.8	21	
623	GS	--	QTalTv	4-3-74	60	--	15	4.4	93	--	208	0	44	22	1.8	8.0	--	350	56	78	2.30	5.4	491	8.3	--	
901	TDHR	400	QTal	7-19-67	31	--	18	1	156	--	229	0	142	33	3.3	<.4	--	497	50	87	2.76	9.6	765	7.2	--	
904	TDHR	4207	QTal	do.	58	--	16	3	86	--	209	0	43	15	1.9	6.0	--	332	54	78	2.34	5.1	470	7.4	--	
	TDHR			8-13-68	53	--	13	4	83	--	203	0	45	14	1.8	3.5	--	317	48	79	2.36	5.2	465	7.8	--	
	GS			4-11-73	--	--	--	--	--	--	--	--	--	--	15	--	--	--	--	--	--	--	--	477	--	--
11-402	GS	390	QTalTv	5-3-50	74	--	32	20	89	--	204	0	130	33	--	9.2	.24	492	162	54	.10	3.0	720	7.9	--	
403	GS	422	QTalTv	2-25-72	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	618	--	--	
PS-51-12-301	GS	87	Qal?	6-22-72	46	--	76	9.3	33	--	250	6	33	19	.5	26	--	372	230	24	.00	1.0	562	8.4	--	
PD-51-17-202	GS	234	QTal?	3-13-74	--	--	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?	9-13-64	63	--	52	7.4	126	--	322	0	95	38	1.9	16	.18	557	160	63	2.08	4.3	820	7.2	23	
702	GS	100	Qal?	3-12-74	64	--	250	37	400	8.6	336	0	760	340	1.4	110	.82	2140	770	53	.0	6.3	2990	7.0	18	
PS-51-19-101	GS	448	QTal	5-3-50	34	--	--	--	51	--	160	0	12	7.0	--	2.2	.06	209	44	72	1.74	3.3	311	8.0	--	
104	TDHR	372-480	QTal	8-11-66	18	--	9	3	58	--	161	0	13	7.0	1.0	<.4	--	188	37	77	1.91	4.1	300	7.5	24	
202	GS	425	QTal	6-21-72	66	--	24	6.2	120	--	190	8	98	41	1.9	15	--	473	85	75	1.67	5.7	693	8.3	--	
203	GS	304-447	QTal	6-21-49	74	--	10	5.2	105	--	217	0	58	22	--	5.9	--	392	46	83	2.63	6.7	562	8.0	--	
301	TDHR	585	QTal	7-19-67	53	--	2	11	85	--	205	0	37	17	1.8	4.0	--	308	51	78	2.34	5.2	440	7.3	--	
	GS			6-10-73	55	--	16	3	83	--	206	0	37	16	1.8	2.7	--	311	52	78	2.53	5.0	440	7.5	25	

See footnotes at end of table.

Table 3.--Chemical analysis 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) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO ₃) (MG/L)	CARBONATE (CO ₃) (MG/L)	DIS-SOLVED SULFATE (SO ₄) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED 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-51-19-303	GS	483	QTal	6-16-73	--	--	--	--	--	--	--	--	12	--	--	--	--	--	--	--	--	416	--	--		
20-401	GS	280	QTalTv	9-27-72	58	--	14	3.3	110	--	240	0	54	18	2.4	3.8	--	382	48	83	2.96	6.9	561	7.6	23	
21-101	GS	350	Tv	9-25-72	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	10-10-72	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	4-19-61	32	--	140	34	300	8.8	300	0	378	350	1.0	.0	0.46	1390	590	.57	.00	5.9	2210	7.0	20	
	GS			3-18-74	28	--	250	61	500	11.0	372	0	650	710	.7	.9	.53	2400	880	55	.00	7.4	3740	7.1	21	
202	GS	68	Qal	do.	29	--	380	80	680	12.0	374	0	920	1000	.5	.9	.55	3340	1300	53	.00	8.3	5170	7.1	20	
204	GS	51	Qal	3-19-74	55	--	150	84	1500	--	242	0	1300	1700	.5	75	--	4930	710	82	.00	2.5	7670	6.8	22	
301	GS	--	--	do.	--	--	5.6	--	--	14	200	0	70	29	--	.0	--	--	14	--	--	--	616	8.3	25	
602	GS	204	QTal	6-5-74	27	--	300	70	730	4.0	180	0	810	1200	--	--	--	3240	1000	60	.00	9.9	4930	7.7	19	
604	GS	83	Qal	do.	65	--	22	3.4	990	2.2	916	0	810	440	--	--	--	2790	69	97	13.6	52.0	4200	8.0	24	
PS-51-27-301	GS	304	QTal	3-29-61	29	--	38	4.6	19	--	153	0	13	10	.7	.2	.09	192	114	26	.23	.8	302	7.4	22	
	GS			10-6-72	27	--	50	4.2	21	--	188	0	16	8.9	.4	3.4	.04	223	140	24	.24	.8	348	7.3	--	
UW-51-27-603	GS	Spring	QTalTv	11-10-72	26	--	41	3.2	19	--	155	0	18	5.4	.7	1.5	--	191	120	26	.23	.8	293	7.8	--	
801	GS	Spring	Tv	3-25-55	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	CAL	330-730	QTalTv	4-1-75	--	--	8	2	100	--	--	--	--	--	--	--	.25	--	28	89	--	8.2	490	7.8	--	
602	GS	107	QTal	3-24-55	48	.02	62	8.1	148	--	314	0	200	23	1.4	11	--	659	188	63	1.39	4.7	944	7.4	--	
603	CAL	300-620	QTalTv	8-24-75	--	--	23	3	91	--	--	--	--	--	--	--	.11	--	70	74	--	4.7	410	7.8	--	
UW-51-28-701	GS	384-505	Tv	2-23-56	36	.22	11	.6	96	--	228	0	25	14	1.8	1.0	--	298	36	87	3.14	7.0	438	7.9	32	
	GS	384-1001		3-13-56	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	11-9-72	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	QTalTv	3-22-55	80	.06	35	3.4	47	--	203	0	18	10	.6	4.5	--	299	101	50	1.30	6.4	387	7.5	23	
902	GS	1135-1165	QTalTv	4-23-74	64	.06	24	4.1	130	8.5	168	0	120	41	2.2	12	.16	490	77	76	1.21	6.2	680	8.0	--	
	GS	971-1001		4-25-74	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	--	
	GS	850-880		4-26-74	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	--	
	GS	345-375		5-1-74	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	9-21-72	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	QTalTv	8-13-48	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			1-3-55	31	.03	5.2	.5	76	2.2	154	0	27	14	1.6	5.8	--	234	15	90	1.86	8.5	354	8.2	26	
	GS			9-21-72	--	--	--	--	--	--	156	0	--	13	--	--	--	--	16	--	--	2.24	--	361	7.7	--
105	GS	336-862	QTal	8-26-43	51	.01	4.9	.8	77	--	107	0	27	12	1.4	6.0	--	263	16	91	2.28	8.4	356	8.5	--	
801	GS	457	QTalTv	9-28-72	24	--	7.8	1.2	62	--	138	0	22	10	1.4	7.4	--	204	24	85	1.77	5.5	317	7.9	22	
30-301	GS	135	Tv	11-8-72	27	--	73	18	36	--	256	0	41	35	2.1	32	--	390	260	23	.00	1.0	630	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	.54	1.2	479	8.2	--	
UW-51-34-302	GS	162	Tv?	9-18-73	--	--	7.5	.2	--	--	456	4	100	44	--	--	--	--	20	--	--	7.21	--	1070	8.4	25
401	GS	21	Qal	6-16-74	19	--	170	17	450	6.0	260	0	520	540	--	--	--	1850	490	66	.00	8.8	2960	7.5	22	
36-401	GS	390	QTalTv	3-23-55	53	--	71	4.4	30	--	298	0	6.4	5.0	.8	2.0	--	318	195	25	.98	.9	472	7.9	21	
601	GS	--	QTalTv	11-20-71	32	1.4	9.2	.9	133	--	268	0	67	18	1.2	<.02	--	473	26	42	3.88	11	--	8.1	--	
701	GS	240	QTalTv	2-23-55	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	3-30-61	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	10-27-72	37	--	46	4.4	30	--	220	0	6.0	3.2	.6	6.6	--	242	130	33	.95	1.1	360	7.5	--	

See footnotes at end of table.

Table 3.--Chemical analyses of water from selected wells, test bulbs, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Fossilite 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) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (HCO ₃) (MG/L)	CARBONATE (CO ₃) (MG/L)	DIS-SOLVED SULFATE (SO ₄) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED NITRITE PLUS NITRATE (N) (MG/L)	DIS-SOLVED BORON (B) (UG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARDNESS (CA, MG) (MG/L)	PERCENT SODIUM	RESIDUAL ADSORPTION RATIO	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICROMHOS)	PH (UNITS)	TEMPERATURE (°C)	
CW-51-43-101	GS	8815	K	11-30-65	187	0.03	14	1.9	524	57	474	0	392	322	8.3	0.5	1.1	1740	43	91	6.91	35	2540	8.0	82	
	GS			9-18-73	--	--	44	1.6	--	--	--	546	0	370	300	--	--	--	--	120	--	--	6.62	--	2500	7.9
201	GS	6208	K	6-6-74	86	--	35	2.4	380	42	484	0	220	240	8.8	.3	--	1250	97	85	5.99	17	1960	8.0	--	
46-101	GS	600	Tv	3-30-61	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	11-22-54	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	4-22-61	33	--	290	53	611	14	412	0	816	785	.9	0	.55	2850	942	59	.00	9.0	4250	7.3	23	
	GS			6-10-74	31	--	330	65	730	11	404	0	940	960	--	--	--	--	3270	1100	59	.00	9.6	4860	7.5	20
802	TAES	0-172	QTal	7-16-53	--	--	606	86	469	0	287	9	869	1230	--	--	--	3556	1670	35	.00	4.7	--	--	--	
803	TAES	10-46	Qal	do.	--	--	572	74	265	--	268	12	715	940	--	--	--	2846	1735	25	.00	2.8	--	--	--	
804	TAES	11-81	Qal	do.	--	--	658	88	297	--	204	12	790	1168	--	--	--	3217	2009	24	.00	4.7	--	--	--	
805	TAES	22	Qal	do.	--	--	299	44	441	--	256	12	616	720	--	--	--	2388	928	51	--	6.3	--	--	--	
808	TAES	80	Qal	do.	--	--	31	14	75	--	244	21	40	14	--	--	--	439	134	55	2.02	2.8	--	--	--	
	GS			1-30-57	79	--	25	9	109	1.7	292	0	33	12	2.2	10	--	--	422	66	78	3.46	5.8	576	7.8	--
	GS			3-30-61	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			3-26-72	--	.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	6-9-74	52	--	7.4	1.5	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	7-12-56	--	--	22	29	328	--	451	18	195	202	--	--	--	1245	176	80	4.49	10.8	--	--	--	
202	TDHR	--	Qal	4-26-72	--	<.02	33	4.0	233	14	381	0	136	115	5.6	<.4	--	926	99	84	.00	10.1	--	7.7	--	
501	GS	41	Qal	5-16-74	--	--	870	180	--	--	230	0	880	2500	--	--	--	2900	--	--	.00	--	9620	7.5	24	
803	GS	26	Qal	do.	--	--	9.4	4.5	--	--	938	0	900	750	--	--	--	42	--	--	14.5	--	5710	8.1	24	
901	GS	--	Qal	6-9-74	51	20	58	8.0	210	23	384	0	170	120	7.7	1.2	--	838	180	69	2.74	6.9	1260	7.9	24	
903	GS	--	Qal	5-12-74	43	--	40	10.0	180	22	300	0	180	90	5.1	.00	--	718	140	70	2.10	6.8	1170	8.2	24	
60-401	GS	0-100	Qal, Tv	6-10-74	--	--	32	4.9	150	14	267	0	100	77	4.6	--	--	100	73	73	2.38	6.5	907	7.9	51	
402	GS	38	Qal	do.	44	--	270	25.0	440	24	240	0	950	340	--	--	--	780	54	--	.00	6.9	3180	7.8	27	
802	GS	40-640	--	6-11-74	--	--	39	13.0	150	14	263	0	160	89	--	--	--	150	66	66	1.33	5.3	1020	8.0	34	
74-03-203	GS	37	Qal	5-16-74	--	--	51	66	--	--	84	0	880	1300	--	--	--	400	--	--	.00	--	5770	6.8	22	
204	GS	70	Qal	do.	--	--	130	52	--	--	552	0	1000	1100	--	--	--	540	--	--	.00	--	6120	7.8	23	
301	GS	--	Qal	5-12-74	--	--	53	11	--	--	328	0	130	77	--	--	--	180	--	--	1.83	--	1060	8.0	24	
504	GS	70	Qal	5-15-74	--	--	52	68	--	--	820	0	1100	710	--	--	--	410	--	--	5.25	--	5530	8.0	23	
902	GS	5-60	Qal	do.	29	--	270	68	640	17	352	0	740	890	--	.1	--	2830	950	59	.00	9.0	4510	7.7	19	
04-401	GS	20-200	QTal	3-7-73	--	--	110	9.6	--	--	220	0	270	86	--	--	--	320	--	--	.76	--	1170	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	Ti	4-8-74	--	--	12	2.8	--	--	324	0	110	57	--	--	--	42	--	--	4.48	--	957	8.3	25	
901	GS	349	QTal or Ti	do.	--	--	18	3.5	--	--	164	0	53	43	--	--	--	59	--	--	1.50	--	525	7.6	20	
8/ 11-301	GS	33	Qal	5-14-74	2.5	--	460	150	1700	27	30	0	1100	2900	.3	.1	--	6350	1800	67	.00	18	10600	6.6	21	
12-101	GS	155-252	QTal	4-8-74	35	--	18	7.1	220	6.5	316	0	110	120	4.4	.2	--	677	74	85	3.70	11	1160	8.3	26	
201	GS	387	QTal	4-6-74	15	--	11	1.5	600	3.4	552	24	460	220	.5	.00	--	1610	34	97	8.38	45	2620	8.6	29	
401	GS	47	Qal	4-15-74	--	--	51	20	--	--	348	0	110	53	--	--	--	210	--	--	1.51	--	945	7.9	26	
601	GS	22	QTal	4-3-74	--	--	33	1.6	--	--	232	0	15	10	--	--	--	89	--	--	2.02	--	414	8.3	21	
801	GS	44	Qal	4-5-74	29	--	500	100	740	8.0	260	0	1200	1300	.4	.00	--	4020	1700	49	.00	7.9	5960	8.0	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 OR PRODUCING INTERVAL (FT)	WATER BEARING UNIT	DATE	DIS-SOLVED SILICA (SiO ₂) (MG/L)	DIS-SOLVED IRON (FE) (UG/L)	DIS-SOLVED CALCIUM (CA) (MG/L)	DIS-SOLVED MAGNESIUM (MG) (MG/L)	DIS-SOLVED SODIUM (NA) (MG/L)	DIS-SOLVED POTASSIUM (K) (MG/L)	BICARBONATE (MG/L)	CARBONATE (CO ₃) (MG/L)	DIS-SOLVED SULFATE (SO ₄) (MG/L)	DIS-SOLVED CHLORIDE (CL) (MG/L)	DIS-SOLVED FLUORIDE (F) (MG/L)	DIS-SOLVED NITRATE PLUS NITRITE (N) (MG/L)	DIS-SOLVED AMMONIUM (NH ₄) (MG/L)	DIS-SOLVED SOLIDS (SUM OF CONSTITUENTS) (MG/L)	HARDNESS (CA, MG) (MG/L)	PER-CENT SODIUM	RESIDUAL SODIUM CARBONATE (MG/L)	SODIUM ADSORPTION RATIO	SPECIFIC CONDUCTANCE (MICRO-MHOS)	PH (UNITS)	TEMPERATURE (°C)
UN-74-13-101	GS	365	QTal	4- 4-74	43	--	33	3.7	56	3.8	164	0	48	24	0.5	4.9	--	298	98	54	0.74	2.5	449	8.1	25
102	GS	274	QTal	6- 8-74	--	--	35	7.1	--	--	192	0	22	15	--	--	--	--	120	--	.82	--	389	8.0	18
701	GS	--	QTal	4- 3-74	45	--	19	3.0	230	6.7	364	12	110	89	6.2	.4	--	701	60	88	5.17	13	1160	8.6	25
20-201	GS	50	Qal	5-13-74	26	--	310	55	520	11	426	0	730	700	.8	.2	--	2560	1000	53	.00	7.2	3950	7.8	20
205	GS	31	Qal	4- 6-74	9.9	--	470	140	1200	29	360	0	1600	1600	.5	.00	--	5230	1800	59	.00	12.0	7870	7.5	20
2/ 601	GS	20	Qal	10- 4-73	--	--	510	98	--	--	560	0	1500	1100	--	--	--	--	1700	--	.00	--	6340	7.4	22
906	GS	1-36	Qal	do.	41	--	700	360	3800	--	452	0	4600	4400	2.2	6.2	--	--	3200	72	.00	29	18500	7.2	23
21-801	GS	--	QTal	4- 5-74	28	--	38	6.0	460	.4	388	0	410	250	4.7	.00	--	1390	120	89	3.97	18	2230	7.9	26
22-201	GS	46	QTal	2-18-74	--	--	58	5.5	--	--	212	0	19	9.1	--	--	--	--	170	--	.13	--	418	7.7	22
902	IBWC GS	396	QTal	5-15-60 2-16-74	46 34	--	15 16	4.4 2.2	126 120	2.4 --	269 277	7.2 0	46 47	24 24	1.1 1.1	9.9 7.1	0.16 --	412 391	-- 49	82 85	3.31 .00	7.3 7.7	-- 614	8.1 7.6	-- 19
24-201	GS GS	694	KT	7-24-44 8- 1-58	-- 26	--	5 1.6	2.0 .2	111 119	-- .7	214 207	16 8	34 37	13 18	-- 2.0	8.0 13.0	-- .29	-- 336	20 5	92 98	-- .00	-- 23	-- 520	-- 8.5	-- 29
2/ 29-101	GS	38	Qal	10- 3-73	5.2	--	88	11	120	--	104	0	270	120	.4	.9	--	668	260	50	.00	3.3	1090	7.5	23
2/ 205	GS	34	Qal	5-23-73	11	--	20	38	760	--	276	0	900	500	.8	.9	--	2370	210	89	.39	23	3680	7.7	--
604	GS	29	Qal	8-23-73	43	--	330	56	570	--	398	0	1100	590	1.0	12	--	2880	1000	54	.00	7.6	4050	7.3	23
606	GS	18	Qal	4-12-73	30	--	300	64	870	--	140	0	1600	800	.7	.0	--	3750	1000	65	.00	12.0	5300	7.6	20
612	TDHR	147	QTal	11-18-64	35	--	356	11	120	--	149	0	810	179	1.5	<.4	--	1660	930	22	.00	1.7	2030	7.2	--
615	TDHR	50	Qal	10-17-63	--	2.2	465	36	112	--	171	0	710	500	.7	.4	--	2000	1310	18	.00	1.5	3696	7.1	--
30-301	GS	106	QTal	6-19-74	--	--	31	3.0	--	--	238	0	44	15	--	--	--	--	90	--	--	--	534	7.6	24
401	IBWC	32	Qal	11- -49	66	--	97	16	273	4.69	281	0	461	125	1.71	27	.48	1221	--	65	.00	6.8	1740	7.6	--
402	GS	30-46	Qal	7-19-48	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 GS	24	Qal	3-29-61 8-24-73	52 47	--	210 360	22 42	289 290	6.1 --	346 304	0	624 740	194 470	-- .8	43 9.7	--	1610 2100	614 1100	50 37	.00 .00	5.1 3.9	2240 3060	6.8 7.4	22 22
407	TDHR TDHR TDHR TDHR TDHR TDHR TDHR	58-78	Qal	10-17-63 9-14-65 8- 6-66 5- 3-67 9-16-70 4-27-72 6-13-73 8-15-74	-- -- -- -- -- -- --	<.02 <.02 <.02 <.02 <.02 -- --	97 64 58 110 101 105 113 124	2 5 23 11 9 -- 4	101 66 96 110 109 115 125 129	-- -- -- -- -- -- --	237 216 244 246 227 227 230 227	0 0 0 0 0 0 0	517 120 182 239 228 240 284 290	35 12 37 76 66 68 82 78	.9 1.0 1.0 .9 1.0 1.0 1.1 1.7	20 15 19 17 20 22 22 22	-- -- -- -- -- -- -- --	710 499 660 820 760 790 860 880	252 182 238 379 290 298 326 328	47 44 47 43 45 46 45 --	.00 .00 .00 .00 .00 .00 .00 --	2.8 2.1 2.7 2.7 2.8 2.9 3.0 --	1015 690 1000 1272 1155 1216 1344 1386	7.5 7.9 7.8 7.8 7.9 7.7 7.7 7.5	-- -- -- -- -- -- -- --
410	GS	110	QTal	3-21-73	27	--	46	11	54	--	204	0	82	17	.4	1.3	--	339	160	42	.99	1.9	534	8.1	21
411	GS	40-65	Qal	5-11-74	--	--	40	6.2	--	--	153	0	130	20	--	--	--	--	130	--	.00	--	604	7.9	26
419	GS	65	Qal	8-23-73	--	--	260	10	--	--	72	0	940	220	--	--	--	--	690	--	.00	--	2480	7.3	23
422	GS	about 40	Qal	8-22-73	31	--	530	69	530	--	398	0	1400	670	.9	4.9	--	3470	1600	42	.00	5.8	4610	7.5	22
423	TDHR	--	Qal	1- -67	--	<.02	71	5	51	--	229	0	78	16	1.0	18	--	469	197	36	.00	1.6	652	7.6	--
601	GS	24	Qal	6-19-74	--	--	29	2.9	79	3.0	244	0	34	13	--	--	--	--	84	66	3.31	3.7	507	7.7	25
704	GS	21	Qal	6-14-74	--	--	270	31	290	9.0	410	0	770	210	--	--	--	--	800	44	.00	4.5	2570	7.6	22
805	GS	8	Qal	6-17-74	--	--	69	5.8	47	--	313	0	25	12	--	1.9	--	--	200	34	1.21	1.5	562	7.5	22
807	GS	24	Qal	6-15-74	--	--	120	4.5	--	--	364	0	310	76	--	--	--	--	320	--	.00	--	1720	7.5	26
809	TDHR TDHR	17-42	Qal	2- 8-69 10-14-73	-- --	.06 --	193 128	17 9	251 191	-- --	296 293	0 0	620 429	133 80	1.0 1.2	16.5 <.4	-- --	1530 1140	550 360	52 54	.00 .00	4.9 4.4	-- --	-- 7.8	-- --
810	GS	36	Qal	6-15-74	--	--	180	5.8	--	--	304	0	490	520	--	--	--	--	470	--	.00	--	3090	7.4	27

See footnotes at end of table.

Table 1.--Chemical analysis of water from selected wells, test holes, and springs in the Salt Basin, Eagle Flat, Red Light Draw, Green River Valley, and Presidio Nelson--Continued

WELL	ANALYSIS BY	DEPTH OR 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 (N) (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	RE-SIDUAL SODIUM CAR-BONATE (RSC) (RSC)	SODIUM AD-SORP-TION RATIO (SAR)	SPECIFIC CONDUCT-ANCE (MICRO-MHDS) (PH UNITS)	PH	TEM-PERATURE (°C)
UM-74-31-201	GS	290	QTal	6-19-74	--	--	36	2.1	--	--	235	0	235	47	--	--	--	--	99	--	1.88	--	544	7.9	23
501	IBMC	128	QTal	11- -49	68	--	49	9.1	58	2.7	290	0	22	13	0.6	6.2	0.15	368	--	44	0.00	2.0	322	8.0	--
	GS			6-19-74	--	--	49	1.9	--	--	--	192	0	16	9.9	--	--	--	--	5	44	--	3.05	--	363
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	6-17-74	38	--	160	22	210	7.1	228	0	500	150	--	--	--	1200	490	48	.00	4.1	1780	7.7	26
	IBMC			25	11- 2-49	67	--	125	21	439	5.1	252	0	566	383	4.0	32	.50	1787	--	70	.00	9.6	2650	7.6
504	TDHR	174-214	QTal	4-27-72	--	.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	6-17-74	36	20	32	.5	180	2.6	78	0	180	150	.6	3.2	--	634	82	82	.00	8.7	1060	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	--	1390	180	82	.00	12	2060	7.6	24
48-101	GS	64	Tv?	6-18-74	--	--	25	2.4	--	--	239	0	54	27	--	--	--	--	72	--	2.47	--	590	7.3	25

1/ When no potassium is reported, sodium and potassium are calculated and reported as sodium.
2/ Sample bailed or collected with a down-hole sampler.

3/ Sampled 5 minutes after pumping began.
4/ Sampled 1 hour after pumping began.

5/ Sampled 7 hours after pumping began.
6/ Pumping began at 10:00 a.m.?

7/ Sample contaminated with drilling mud.
8/ Sample collected from storage tank or pit.

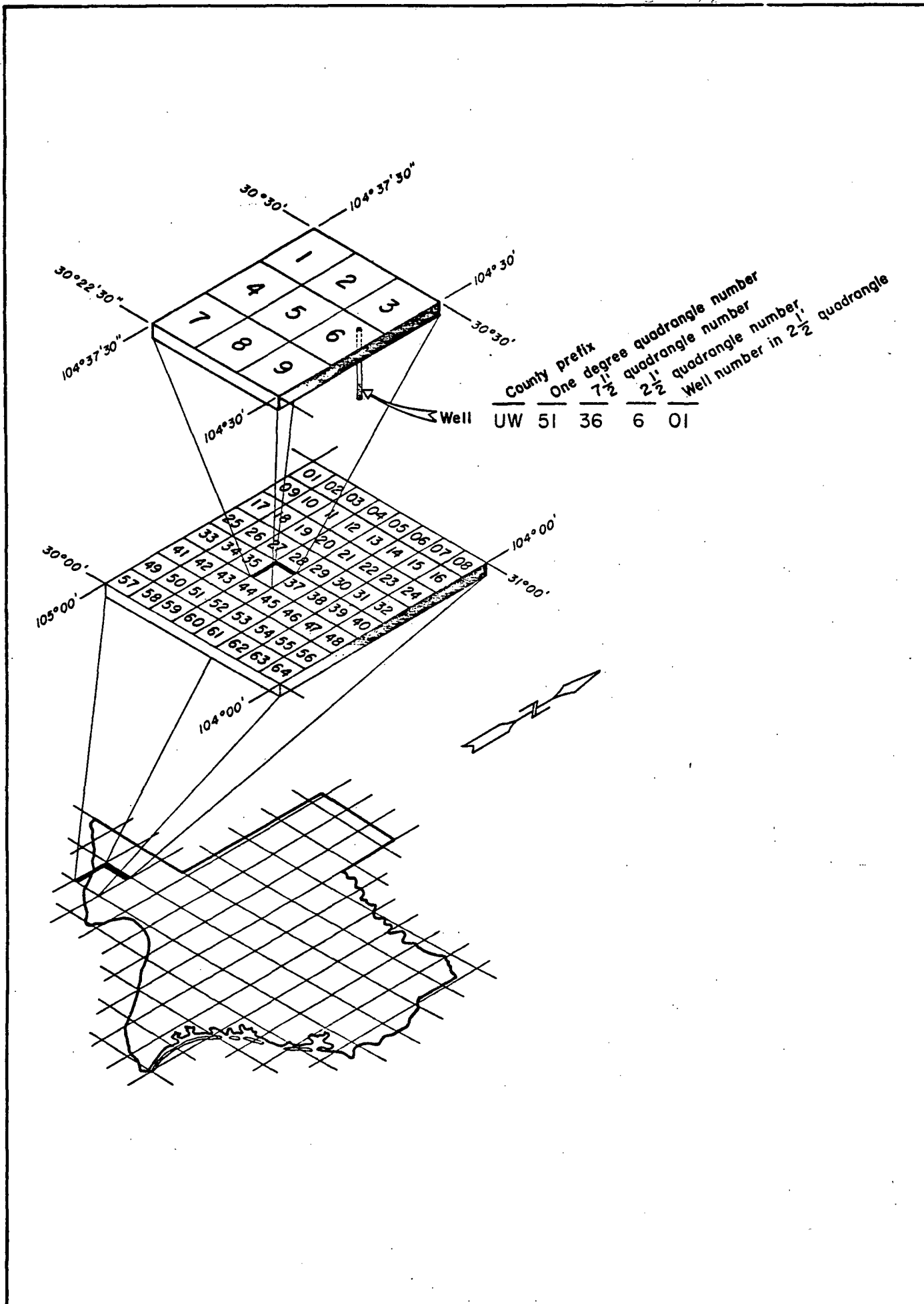


FIGURE 1.-Well-numbering system

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 (feet)	Diameter of casing (inches)	Water-bearing unit	Altitude of land surface (feet)	Water level		Method of lift	Use of water	Remarks
								Above(+) or below land surface datum (feet)	Date of measurement			
LW-51-59-802	Clyde Pelton	--	--	spring	--	Qal	2763	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	2790	22.5	5-16-74	C,W	S	Dug well with porous concrete casing, 3 gal/min estimated in 1974.
804	Clyde Pelton	--	1957	50	16	Qal	2761	5.1	do.	T,E	Irr	Reported 500 gal/min and salty water.
805	do.	Culf Oil Co.	1957	39	16	Qal	2752	1.9	do.	T,E	Irr	Originally drilled for water supply for oil test, Culf Oil Corp., State School Board no. 1; 500 gal/min and salty water reported.
806	do.	--	1960	65	--	Qal	2761	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	3091	F	--	--	D,S,R	Negley springs (south part), 54 gal/min measured 6-9-74.
902	do.	--	--	spring	--	Qal	3092	F	--	--	S,R	Negley springs (north part), 25 gal/min estimated in 1974; field specific conductance 680 umho/cm, 24°C.
1/ 903	State of Texas	--	--	spring	--	Qal	3080-3140	F	--	--	S,R	La Cierasa springs, seepage area about 1 mile in diameter, 107 gal/min measured 5-12-74.
1/ 60-401	Andrew Briscoe, Jr.	Howard Bates	1972	138	4	QTal,Tv	3610	65.3	6-10-74	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 Benevides	1945	38	N	Qal	3590	36.10	do.	C,W	S	Dug well, 5 feet in diameter, 3 gal/min estimated in 1974.
701	Joe Kingston	--	--	spring	--	Qal?	3480	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	3480	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	3500	84.1	6-11-74	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	3460	F	--	--	S	Las Cachanillas spring; 1-2 gal/min estimated in 1974; 27°C, good water quality reported.
801	Andrew Briscoe, Jr.	Blas Benevides	1940's	530	6	QTal	3941	435.5	6-10-74	C,W	S	Cased to 20+ feet, open hole below; 1.5 gal/min estimated in 1974; field specific conductance 580 umho/cm.

See footnotes at end of table.