UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Ground Water Branch

APPENDIX

TABLES OF BASIC DATA

to accompany report on

GEOLOGIC AND HYDROLOGIC FEATURES OF THE SAN BERNARDINO AREA, CALIFORNIA, WITH SPECIAL REFERENCE TO UNDERFLOW ACROSS THE SAN JACINTO FAULT

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Prepared in cooperation with the
San Bernardino County Flood Control District

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Open-file report

CONTENTS

TABLES

Same as Pl 1

a. At end of appendix.

SCOPE OF THE APPENDIX

This appendix presents a part of the basic data collected by the United States Geological Survey in cooperation with the San Bernardino County Flood Control District in the ground-water investigation of the San Bernardino area, California. Also, the Geological Survey acknowledges the cooperation supplied by the California Division of Water Resources in the compilation of this appendix.

The wells in tables 1A through 5A are all within the area shown on plate 1, and the locations of the wells are shown on plate 2. The Geological Survey field canvassed most of the wells in the western part of San Bernardino area between March 1950 and March 1951 (pl. 1). The canvassed area is west of a line passing northwesterly through the city of San Bernardino and occupies an area of about 138 square miles. For the wells visited, locations were checked against existing records and the present status of the wells was determined. East of this canvassed area, wells were plotted on the map and described by means of the latest data available, as explained elsewhere in the text, but were not visited in the field. Table 1A describes all the wells shown on plate 2.

SOURCES OF FACTUAL DATA

For most of the wells visited in the field by the Geological Survey basic data were on file at the Los Angeles office of the California Division of Water Resources. For many of these, however, location data were approximate or inaccurate and for that reason the wells were relocated. Further, a water-level measurement was made and the measuring point was checked for agreement with existing records. Finally, the type of equipment on the well was recorded, its present use determined, and a check was made to determine whether a change in ownership had occurred.

In 1950 many wells within the project area were visited by personnel of the city of San Bernardino Water Department and the San Bernardino Valley Water Conservation District, largely to correct errors in antecedent location data and to obtain definite and clear-cut measuring-point descriptions. In order to avoid duplication of effort most of these wells were not visited by the Geological Survey even though many are within the 138 square-mile canvassed area. These location data and other pertinent information were obtained from the two agencies. In table 1A the agency whose field data were used is credited by symbol.

For the several well fields operated by private water companies within the canvassed area, in most instances locations of wells were scaled from property maps prepared by company engineers. Where the locations were precise and when other data on file at the company offices were adequate, the wells were not visited.

Water Levels in Wells

In 1900 Lippincott (1902) made single measurements of water level in several hundred wells in the area adjacent to the city of San Bernardino. Following this work and extending into about 1920, water-level measurements were made by the Geological Survey at irregular intervals in 54 wells within about the same area as that covered in the earlier investigation by Lippincott. These measurements are published in Water-Supply Paper 468 (Ebert, 1921).

Although some water companies made periodic measurements in their wells as early as 1912, well-defined programs of periodic measurements by local water agencies did not begin until the early thirties. Nearly all these records have been deposited with the California Division of Water Resources and are available to the public. Selected records from observation wells were published by Gleason (1932).

The single measurements made by the Geological Survey during the field canvass and miscellaneous measurements made at later dates are included in table 1A. In addition, for those wells not measured by the Geological Survey, single measurements made by other agencies in the winter of 1951 are included in the table. Certain water-level measurements made by other agencies prior to 1951 at key wells that are now destroyed are also reported. Periodic water-level measurements were made in 20 wells by the Geological Survey and are shown in table 3A. In all, records of water-level measurements are available for more than 1,400 wells in the San Bernardino area; these are listed by symbol in the last column of table 1A.

Drillers' Logs of Wells

For wells within the project area drilled prior to 1950, most of the available logs were obtained from the files of the Division of Water Resources. For some wells then in existence and for most of those drilled since 1950, logs have been obtained from the San Bernardino Valley Water Conservation District or from the city of San Bernardino Water Department. In some instances, where the need for information was great, well drillers were contacted for copies of well logs. In 1900 in connection with the investigation by Lippincott (1902), logs were collected for many wells in the vicinity of San Bernardino and Redlands. Logs for wells that could be reconciled with existing records are listed by symbol in table 1A. In all, logs are available for more than 850 wells; these are listed by symbol in table 1A. The logs for 34 selected wells are shown in table 4A.

Chemical Analyses of Ground Water

Between March 1931 and April 1933, the California Division of Water Resources cooperated with the Federal Bureau of Plant Industry, Dept. of Agriculture, to investigate the chemical character of irrigation supplies in the South Coastal Basin. In that cooperative program, samples for analysis were taken from wells over all parts of the plain. These analyses, together with supplemental analytical data assembled from miscellaneous sources, appear in Division of Water Resources Bulletin 40-A (Gleason, 1933). Additional chemical analyses of stream and well waters were made available by the San Bernardino County Flood Control

District, by the San Bernardino Valley Water Convservation District, and by the city of San Bernardino Water Department. In all, 267 analyses were made available; these are listed by symbol in table 1A. Of this total, 48 selected analyses of stream and well waters are shown in table 5A.

DESCRIPTION OF WELL-NUMBERING SYSTEMS

Prior to the work done by the Geological Survey in the San Bernardino area, two principal well-numbering systems were in use. One is a "location" number and is referenced to a projection of parallels and meridians spaced at intervals of 6 minutes in both latitude and longitude. The other system is based on the use of a "serial" number for each well. Except for the location of the wells with local regard to the position of the Santa Ana River, no geographic relationship is taken into consideration in assigning serial numbers to new wells. In general, within the area southwest of the city of Colton, serial numbers for wells northwest of the river bear a prefix D- and those southeast bear a prefix E-. East of Colton--chiefly in the Bunker Hill Basin--all serial numbers are given an E prefix for wells on both sides of the river. Additional wells are assigned serial numbers by the California Division of Water Resources as the basic data on such wells are collected. Of the two systems, the one involving the use of the serial number has been much more widely adopted by public-water agencies active within the area in filing and tabulating well data.

The well-numbering system used by the Geological Survey in the San Bernardino area investigation conforms to that used in essentially all ground-water investigations made by the Geological Survey in California.

It has been adopted as official by the State Division of Water Resources and by the State Pollution Control Board throughout the State.

The wells are assigned numbers according to their location in the rectangular system for the subdivision of public land. For example, in the number 1S/3-18D2, the part of the number preceding the bar indicates the township (T. 1 S.), the part between the bar and the hyphen is the range (R. 3 W.), the number between the hyphen and the letter is the section (sec. 18), and the letter indicates the 40-acre subdivision of the section as shown in the accompanying diagram.

D	C	B	A
E	F	G	H
M	L	K	J
N	P	Q	R

18

Within each 40-acre tract the wells are numbered serially as indicated by the final digit. Thus, well 1S/3-18D2 is the second well to be listed in the NW¼NW¼ sec. 18. Because the San Bernardino base line extends westward across the middle of the area, well numbers in the townships north and south of the base line bear the symbols N and S, respectively. The entire area is west of the San Bernardino meridian line, and therefore the range number is sufficient.

For most of the San Bernardino area, the township and range grid had been established by Federal surveys; for only a small part of the area—chiefly south and southwest of Colton—was it necessary to project the grid in order to assign numbers to the wells.

Although wells in this appendix are arranged by the township and range numbering system the serial numbers are also cited when available and, except for tables 1A and 2A, are in parentheses following the Geological Survey number. Furthermore, for agencies who use the serial numbering system a supplementary cross index is shown in table 2A in which wells are listed in order by serial number so that reference to specific wells can be easily made.

REFERENCES CITED

Ebert, F. C., 1921, Records of water levels in wells in southern California: U. S. Geol. Survey Water-Supply Paper 468, 156pp.

Gleason, G. B., 1932, South Coastal Basin investigation, records of ground-water levels at wells: California Dept. Public Works, Div. Water Resources, Bull. 39, 590 pp. (See also annual supplements beyond 1932)

_____, 1933, South Coastal Basin investigation, quality of irrigation waters: California Dept. Public Works, Div. Water Resources, Bull. 40-A, 131 pp.

Lippincott, J. B., 1902, Development and application of water near San Bernardino, Colton, and Riverside, Calif., part 2: U. S. Geol. Survey Water-Supply Paper 60, 141 pp.

Table 1A.- Description of water wells, San Bernardino area, California

Other numbers: Those preceded by E- or D- are California State Division of Water Resources "serial" numbers; those preceded by 2- are numbers assigned to wells in Water-Supply Paper 142; and those preceded by 8- are numbers assigned to wells in Water-Supply Paper 468.

Owner or user: Names of agencies and water-service companies owning or using five or more wells are indicated as follows: ATSFRR, Atchison Topeka and Santa Fe Railroad; AUWCo, Anaheim Union Water Company; BMWCo, Barnhill Mutual Water Company; BVMWCo, Bear Valley Mutual Water Company; CLWCo, Citizens Land and Water Company; CME, College of Medical Evangelists; C of C, City of Colton; C of R, City of Redlands; C of Riverside, City of Riverside; C of SB, City of San Bernardino; CPCCo, Colton Portland Cement Company; ECAWCo, East Colton Avenue Water Company; EHOCo, East Highlands Orange Company; ELMWCo, East Laguna Mutual Water Company; EPMWCo, East Pioneer Mutual Water Company; ERWCo, East Redlands Water Company; FUWCo, Fontana Union Water Company; GCCo, Gage Canal Company; GLWCo, Gardens Land and Water Company; JWCo, Jurupa Water Company; LCWICo, Lytle Creek Water and Improvement Company; MDWCo, Meeks and Daley Water Company; MMWCo, Muscoy Mutual Water Company; NAFB, Norton Air Force Base; NOS, National Orange Show; PFE, Pacific Fruit Express; RHWCo, Riverside Highland Water Company; RMLWCo, Rialto Mutual Land and Water Company; RWCo, Riverside Water Company; SCECo, Southern California Edison Company; SCWCo, Southern California Water Company; SSPCo, Southern Sierras Power Company; TWCo, Terrace Water Company; UISCo, Union Ice and Storage Company; WRWCo, West Redlands Water Company; and 350IWCo, 350 Inch Water Company.

Altitude: Altitude given is the land-surface altitude or datum at the well. Those preceded by s are surveyed altitudes which are reported to the nearest whole foot; all other altitudes are interpolated from Geological Survey topographic maps.

Diameter: The diameter of the well, where known, is given in inches. For dug wells of unknown diameter, the term dug is used.

Perforated interval: Where a well is perforated at numerous, closely spaced intervals in the same water-bearing zone, only the upper and lower depths perforated are given and are indicated by the letter s inserted between the two numbers; elsewhere the actual perforated interval is shown.

Water level: The water level is given in feet above (+) or below land-surface datum; water levels given in feet, tenths, and usually hundredths are measured, and those in whole feet are reported or approximate.

Type of pump and power: The first symbol indicates the type of pump as follows: A air lift, C centrifugal, J jet, L lift, S submersible turbine, and T turbine. The second symbol indicates the type of power as follows: E electric, I internal combustion engine, M manual, and W windmill.

Use of well: D destroyed, Dm domestic, In industrial, Ir irrigation, Ps public supply, Ob observation, S stock, and Un unused.

Field data: The agency supplying the field location data and/or water-level measurement is indicated as follows: GS Geological Survey, SB city of San Bernardino Water Department, and W San Bernardino Valley Water Conservation District.

Other data: Data in the files of the Geological Survey, most of which are available through other public or private agencies: C complete chemical analysis, Cp partial chemical analysis, L driller's log, W miscellaneous water-level measurements, Wp periodic water-level measurements, and Wpd discontinued periodic water-level measurements.

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1N/3-19M1	E-44y	M. C. York	1935	1460	376	12	324-s-356					D		L
19R1	E-53bb	do		1467	100						TE			W
19R2	E-453a	York Nursery	1944	1477	100	14								L
26N1	E-60f	EHOCo	1900	1905	167	10						D		L,W
	2-203													
27N1	E-58b	Highland Well Co.	1899	1495	72									C,W
27N2	E-58q	SCWCo, 1	1936	1490	150	20					TE			L,W
27N3	E-58t	G. S. Thompson	1925	1487	100	18	65-92					D		L
27N4	E-58f	W. S. Lincoln	1925	1495	221	24	72-127							L

Well numbers		Owner or user and user's well number	Year completed		Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other								Date	Depth (feet)					
1N/3-27N5	E-58a	American States Water Co., 2			1494	308							Ps		C,W
27N6	E-58c	Highland Domestic Water Co.		s	1483	72						TE	Ps	W	C,Wp
27Q1	E-58m	H. D. Bristol	1936		1625	277	12						D		
28P1	E-54e	C. W. Seavey	1929		1496	580	18	396-552	3- 6-51	386.2			Ir	W	L,Wp
28R1	E-58s E-58g	G. S. Thompson	1928		1512	339	18-14	65-190, 206-308					D		L,W
29H1	E-53o	W. D. Sutton	1929		1565	137		40-115					Ir		L,W
29M1	E-53a	Patton State Hospital		s	1345	408	16		1- 5-51	263.1			Dm	SB	L,Wp
29R1	E-54c	Bear Valley Development Co.	1930		1369	515	20	244-s-490	3- 6-51	256.8			Ir		C,L,Wp
30C1	E-44h	W. Ranney	1934	s	1355	516	14	245-504	1- 5-51	233.4			Ir	SB	L,Wp
30H1	E-53	J. D. Boley	1929	s	1392	615	16	280-s-498	3- 6-51	284				SB	C,L,Wp
30H2	E-44a			s	1375								D		Wpd
30J1	E-53aa	West Highland Well Co.			1344				3-15-51	244.5		TE	Ir		W
30J2	E-53p	Nutting and Flanders			1344							TE	Ir		W
30N1	E-45i	Johnson and Gray		s	1235	500			3- 6-51	134.2			Ir	SB	Wp
30P1	E-45r	R. J. Smith	1927		1226	290		253-257	3-15-51	129.0				SB	L,W
31A1	E-49	West Highlands Water Co.	1903	s	1270	224	18		1- 5-51 3- 6-51	174.9 173.4			Ir	W,SB	C,L,Wp
31A2	E-49g	DeGraff	1933		1250	200	10	130-200	3-15-51	128.0			Un		L,W
31A3	E-49f	Warren et al.		s	1263				3-15-51	171.5			Ir		Wpd

Well numbers		Owner or user and user's well number	Year completed		Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other								Date	Depth (feet)					
1N/3-31B1	E-49e	Patton State Hospital	1926	s	1228	399	16	154-s-381	1- 4-51 3- 6-51	135.2 132.1		TE	Ir	SB	L,Wp
31C1	E-49j	Emmerton	1893		1210	322						TE	Ir		L,W
31D1	E-45e 2-375	L. E. Johnson		s	1213	460	12		3-12-51	118.0			Ir	SB	Wp
31E1	E-47q	Maquet	1919		1141	185	7								L
31F1	E-49a 2-379	EHOCo		s	1181	139	7					LW		W	C,Wp
31H1	E-49h	Cheeseman			1196	118	10		3-15-51	98.2		TI	Ir	SB	W
31J1	E-49p	Ellis	1939		1186	70	2						Dm		W
31J2	E-49r	F. Wilson	1913		1156	140	12						D		L
31K1	E-50b 2-378R	I. E. Leonard		s	1172	106	8								
31K2	E-50p	University of Redlands	1925	s	1174	186	12	104-s-144	3-15-51	78.5			Ir	SB	L,Wpd
31L1	E-50c	EHOCo		s	1150	752	12						D		C,L,Wpd
31L2	E-50k	Friedman	1921		1148	386	12	297-s-313					Ir		L,W
31L3	E-50a	EHOCo	1931	s	1150	500	16	182-s-484	1- 4-51 3- 6-51	62.6 55.0			Ir	SB	L,Wp
31L4	E-50 2-344R 8-103A	Hawes	1898	s	1122	100	2						D		
31M1	E-53j	Lytle			1147	295	12		3-15-51	55.0		TE	Ir		C,L,W
31M2	E-453b	Hiragaray	1942		1143	332	12	72-s-206, 310-312							L
31N1	E-46n	J. Dolmer	1912		1112	485	12						Ir		Cp

Well numbers		Owner or user and user's well number	Year completed		Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other								Date	Depth (feet)					
1N/3-31N2	E-46e	Tom Shay		s	1116	500							D		Wpd
31N3	E-46q	Dolmer			1107	185	3								W
31N4	E-50o	Friedman			1115	70	5								W
31P1	E-46f	do	1949		1116		6		1-4-51 3-6-51	18.9 23.0			Un	SB	Wp
31Q1	E-50y	Daluiso			1127	95	16-10						Ir		W
31Q2	E-50m	Base Line Laundry	1929		1120	201	12	90-s-185					In		C,L
31Q3	E-50w	Caley			1134							LE	Dm		
31Q4	E-50x	Clark Well Co.			1125	320						TE	Ir		W
31Q5	E-50z	G. Daluiso			1128							LE	Dm		W
31Q6	E-53d	EHOCo			1122		6						Dm		W
31Q7	E-57u	J. G. Wright			1130		3					LM	Dm		W
31R1	E-50e	C. Webster		s	1142		6						Un		Wpd
31R2	E-53r	Dedmon			1137							CE	Dm		W
31R3	E-450c	C. Brenley	1943		1142	83	8	68-83							L
32B1	E-54a	Anduson Mutual Co.	1946		1320	525	20					TE	Ir		L,W
32C1	E-49d	Patton State Hospital	1912	s	1286	351	18	130-326	1-5-51 3-6-51	189.2 182.4		TE	Ps	SB	C,L,Wp
32E1	E-50g	Marshall		s	1199	114	14						Un	W	Wp
32E2	E-50d	G. Miller		s	1206	92	5½						Un		Wpd
32J1	E-55c 2-390	Boyd and Oat	1895	s	1280	202	7						D		Wpd
32K1	E-55	M. E. Bagsnell		s	1255	140	12						D		Wpd
32M1	E-50t	Carlson	1936		1185	153	12					TI	Ir		L,W

Well numbers		Owner or user and user's well number	Year completed		Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other								Date	Depth (feet)					
1N/3-32M2	E-55f	M. E. Martin		s	1204				1- 4-51	108.0				SB	Wp
									3- 6-51	109.2					
32M3	E-50s	C. A. Taylor			1190	273	12					TE	Ir		L,W
32N1	E-50h	Harlem Springs Resort		s	1144	450	7							W	C,Wpd
32N2	E-50r 2-385R	do	1898	s	1144	300	10		3- 7-51	49.8				W	Wp
32N3	E-53h	Hoeffer			1145	194	12				130	TE	Dm		L,W
32N4	E-53c	Harlem Springs Community Water Service			1153	122	12	90-122	3-15-51	64.3		TE	Ps		L,W
32N5	E-53q	Hoeffer	1929		1145	213	12								L
32P1	E-55g	J. E. Williams		s	1211				1- 4-51	114.4				W	Wp
									3- 6-51	113.1					
32Q1	E-55h	Cleghorn Ranch			1223	158	12					TE	Ir		W
33C1	E-54b	Highland Water Co.	1927		1455	598	24	160-190, 370-s-530						W	W
33F1	E-54	Crowin Bros. et al.	1929		1411	513	24	306-s-471	3- 6-51	290.1			Ir	SB	C,L,Wp
33M1	E-55L	SCWCo, Palm	1948		1285	500	20	182-s-448	3-15-51	175.1	124		Ps		C,L,W
33M2	E-55d E-60a	Seeley Well Co.	1931		1294	508	20	254-s-498	3-15-51	184.9			Ir	SB	C,L,W
33R1	E-58i	Base Line Well Co.	1928	s	1308	352		56-68, 150-175					Ir		C,L,Wp
34B1	E-58h	Wm. Bristol			1645	190		78-s-99							L
34C1	E-58o	H. D. Bristol	1936		1544	300	12						D		L
34C2	E-58n	do	1936		1496	277	12								L,Wpd
34D1	E-58												D		Wpd

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1N/3-34G1	E-58p	F. Gore		1537	195						TE	Ir		W
34G2	E-58u	do , 2	1949	1560	400	16	40-400					Ir		L
34H1	E-60b	Arnold	1899	s 1649	137	12	78-s-99	3- 6-51	100.0			Un	W	L,Wp
34H2	E-60d	Mullins			306	16-12					TI	Ir	W	L,W
34H3	E-60e												W	
34H4	E-60h	Mullins	1940			10						Dm	W	W
34H5	E-60c	Draper										D		Wpd
34H6	E-60j	E. Arnold						3- 6-51	84.8				W	Wp
34M1	E-58k	R. L. Fairoll		s 1376	120	12								L,Wpd
34M2	E-58d	C. Robertson		s 1372	250	12						D		Wpd
34Q1	E-58e	J. F. Browning	1911	s 1339	240	10								L,Wpd
35K1	E-60g	East Highland	1900	1726	420	12-10						Ir		W
	2-282R	Water Co.												
1N/4- 7C1	E-2b	C of SB, Devil's Canyon, old 2		1613	154	dug						D		W
7F1	E-2	do, do , 2		1618	450	26	177-s-400	12-12-50	196.8		TE	Ps	SB	L,Wp
								3- 8-51	198.1					
8M1	E-2a	do, do , 1		1530	293	24		12-12-50	216.3		TE	Ps	SB	C,Wp
								3- 8-51	214.05					
8P1	E-9	Ellena Bros., 2		1477	380	20		3-12-51	208.7		TE		SB	L,Wp
13Q1	E-44i	U. S. Government	1933	1687	100	12	60-68							L
13Q2	E-44d	Bishop	1931		175	12								L
13R1	E-43x	W. Roddick	1930		85	16	55-85							L
14E1	E-34d	Winegard	1915	1530	50	8								L
14H1	E-34e	C. C. Bidgood	1938	1675	99	8					TE	Ir	GS	L,W

Well numbers: Geological Survey	Well numbers: Other	Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level: Date	Water level: Depth (feet)	Temp °F	Type pump and power	Use	Field data	Other data available
N/4-14R1	E-34f	Snell	1924	1405	60			12-15-50	16.29		JE	Dm	GS	L,Wp
14R2	E-34a	Stiles	1931	1378	294	16-12	240-294	12-15-50	240.86		TE	Un	GS	C,L,Wpd
14R3		H. Brink		1388							JE	Dm	GS	C
14R4		H. H. Heater		1392							JE	Dm	GS	C
14R5		Suttle and Willis		1400							JE	Dm	GS	
14R6	E-34	Snell		1405										Wpd
15A1	E-24	Mrs. A. L. Hurtt	1918	1484	71	10						D		C,Wpd
16E1	E-10	C of SB, Newmark,1		1412	415	24		3- 8-51	174.6		TE	Ps	SB	C,L,Wp
16E2	E-10b	do , do ,2	1946	1403	360	20	148-s-336	3- 8-51	168.7		TE	Ps	SB	L,Wp
19G1	E-4	Muscoy Ranch Syndicate		1402	132	10						D	SB	Wpd
21B1	E-10a	C of SB, C St.		1335	412	dug						D		Wpd
22B1	E-24a	do , A St.		1296		dug						D		Wpd
22J1	E-25b E-25e	Reid-Sweeny Country Club	1923	1275	284	18	136-240					D	W	L,Wpd
22P1	E-25j	Elizabeth Hudlow	1948	1243	220	12		4-20-50	141.5				SB	Wpd
23A1	E-34b	Ralph Swing		1319		16		1- 3-51 3- 6-51	176.2 176.8			Un	SB	Wp
23E1	E-35a	Del Rosa Water Co.		1300		16		12-15-50	194.90		TI	Ps	GS	Wp
23K1	E-35m	Margulas		1294	422		196-s-294, 376-399	1- 5-51 3- 6-51	194.8 194.9			Ir	SB	L,Wp
23L1	E-35b	W. R. Severance		1293	420	14						D		Wpd
23M1	E-35t	Arrowhead Golf Club	1940	1295	500	20	190-s-458	12-14-50 3- 6-51	192.18 191.2			Ir	W	L,Wp
23Q1	E-35f E-35j	F. G. Stern	1927	1273	200	10	144-174					D		L,Wpd

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1N/4-23R1	E-35i	Monahan	1902	1280	475	12								L
24B1	E-44x	Watson	1930	1415	180	12								L
24D1	E-44b	Del Rosa Oil and Gas Co.,1(oil test)		1367	2600	10						Un		L,W
24H1	E-44q	J. B. Jeffers	1900		130	7								W
24H2	E-44r	do			140									W
24H3	E-44s	do												
24M1	E-35y	Weaver		1289		12		1- 3-51	147.2			Un	SB	Wp
								3- 6-51	145.2					
24N1	E-35	Aburto	1947	1264	210	12								L,W
25A1	E-44e	J.F. and J.W. Watson	1929	1296	551	16	188-s-546	3- 9-51	156.8				SB	L,Wp
25D1	E-44L	J. V. Aburto	1930	1246	195	12	109-182	12- 6-50	135.78		TE	Ps		L,W
25D2	E-44f	J. W. Littleton		1242	231	12		12- 6-50	136.58		TE	Ir		C,Wp
	E-44aa							3- 6-51	138.2					
25F1	E-44u	R. Swing	1928	1232	302	12	200-s-289					D		L
25F2	E-44c	Del Rosa School	1914	1225	127		85-91							L
25F3	E-444	Price	1925	1215	301	12								L
25G1	E-43w	I. Cushing												
25K1	E-44k	A. C. Cameron	1938	1203	465	10	420-465	3- 9-51	109.6				SB	L,Wp
25L1	E-44	O. R. Fairbroth	1922	1202	193	10	83-97,	1- 5-51	100.4			Un	SB	L,Wp
							175-179	3- 6-51	96.8					
25L2	E-46m	I. Strickland	1932	1207	102	10								L
25M1	E-35p	A. E. Newell	1929	1215	227		105-s-204	12- 6-50	125.93		TE	Ir	GS	L,W
25M2	E-44z	Bank of America		1205	134	10	90-108					D		L

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1N/4-25N1	E-445a	Russell	1925	1185	183	10								L
25N2	E-45k	G. H. Johnson		1191	116	12	86-111	1- 5-51 3- 6-51	95.8 92.4		TE	Ir	SB	L,Wp
25P1	E-45m	Berker and Rookerd	1931	1183	217	10	124-s-185							L
25P2	E-45o	Adams	1925	1186	120	10								L,W
25P3	E-43t	Gramanz and Helveson		1190	80			3- 9-51	127.2			Un	SB	W
25Q1	E-45q	Reynolds et al.	1936	1188	273	12								L,W
25Q2	E-445	do	1918		77							D		L
26C1	E-53d	F. Currie		1250	300	12						D		L,Wpd
26E1	E-35c	San Bernardino Valley Foundation, Inc.	1922	1227	212	6	100-198					Un		L,Wp
26F1	E-35s E-35u	Reiner	1926	1239	183	10		1- 3-51 3- 6-51	149.0 149.2			Un	SB,W	L,Wp
26F2	E-35e	ATSFRR		1234								D		W
26G1	E-35g	Holly Vista Tract	1926	1227	211	12	124-147					D		L,Wpd
26H1	E-35k	Del Rosa Water Co.	1925	1227	290	14	106-s-217					Ps	GS	L
26H2	E-35v	E. Cisco		1226	405		195, 345-375	3- 6-51	141.4		TI			L,Wp
26H3	E-35h	J. Lane		1228		12						D		Wpd
26K1	E-35o	Perris Hill Mutual Water Co.	1918	1200	160	12					TE	Ir	GS	L,W
26K2	E-35n	Lawrence	1927	1198	159	12						D		L,Wpd
26M1	E-36q	Mountain View Cemetery, 2		1200	611	16	330-s-590	1- 8-51	117.6				SB	L,Wp

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1N/4-26N1	E-36L	Echole		1195	138							D		L
26N2	E-36e	Mountain View Cemetery, 1	1907	1193	456		202-244, 430-456	1- 8-51	111.5			Ir	SB	L,Wp
26N3	E-36k	Mountain View Cemetery		1187										W
26P1	E-36c	C of SB, Perris Hill, 1	1910	1185	380	15					TE	Ps	GS	L,W
26P2	E-35L	E. Brower						3- 9-52	111.6					
26P3	E-36r	C of SB, Perris Hill, 5		1174	374	20	126-s-210, 310-352	5- 8-51	96.8		TE	Ps	SB	C,L,Wp
26Q1	E-35q	F. Forster	1930	1180	156	10	110-150							L
26Q2	E-35r	Marquardt	1922	1175	100	8						D		L,W
26R1	E-40	Webster		1191	316									L,Wpd
26R2	E-40g	Hancock	1945	1192	153	10	83-89	1- 8-51	95.2			Un	SB	L,Wpd
								3- 8-51	93.0					
27A1	E-35w	C of SB, Waterman Ave.	1949	1244	662	20	258-s-315	1- 5-51	156.3		TE	Ps	SB	C,L,Wp
								3- 6-51	154.2					
27C1	E-25f	C.M. Quin	1911	1246	185	12								L
27F1		S. Marshall	1946	1227	523	20	390-502							L
27G1	E-25g	C of SB, Marshall	1926	1226	523	20	390-502	1- 5-51	141.7		TE	Ps	SB	C,L,Wp
								3- 8-51	139.7					
27J1	E-30f	Holubek	1917	1196	135							D		L
27J2	E-30g	Thompson	1922	1207	142	8						D		L
27K1	E-25d	C. G. Wood		1197	123	8						D		L,Wpd

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1N/4-27M1	E-26j	C of SB, North E St.	1950	1189	785	20	460-756	3- 8-51	105.9		TE	Ps	SB	C,L,Wp
27Q1	E-30a	Sloat		1179		8						D		W
27Q2	E-25i	Randig	1920	1187	119	8						D		L,W
27R1	E-30c	Otto	1915	1193	139							D		L,W
27R2	E-30e	Boteler	1921	1187	149	8						D		L
28B1	E-16f	Torrance		1202	430							D		L
28J1	E-26e 2-357SB	Maggie Freeland	1885	1184	84	7						D		Wpd
28J2	E-25 2-355a	S. F. Kelley	1899 s	1183	440	10						D		Wpd
28M1	E-16d	Cook	1914	1220	187	10						D		L
28P1	E-20g	Burcham	1920	1177	111	8						D		L
28P2	E-20b 2-358SB	H. Gidlings		1190	108							D		W
28Q1	E-20	McLaughlin	1920	1180	115	8						D		C,L,Wpd
28Q2	E-20f	Bovee	1920	1170	99	8						D		L,W
28R1	E-26 2-354SB	Grace Guthrie	1897	1170	115	7						D	W	Wpd
29E1	E-4a	Rigali and Vesclich		1302	429	16		3- 8-51	185.0		TE	Un	SB,GS	L,Wp
29E2	E-4b	W. L. Wiggins		1298	325	12						D		C,W
29E3	E-4c	H. Eastwood	1942	1302	400	16	230-330	10-26-51	209.98		TE	Ir	GS	C,L

Well numbers: Geological Survey	Well numbers: Other	Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level: Date	Water level: Depth (feet)	Temp °F	Type pump and power	Use	Field data	Other data available
1N/4-29J1	E-16g	Galbreath	1896	1221	370			3-29-50	115.06		T	Un	GS,SB	Wp
								3- 8-51	125.4					
								10-26-51	134.86					
29L1	E-16h	Sharpshire	1933	1249	603			1- 8-51	149.4	64½		Ir	SB	C,L,Wp
								3- 8-51	148.1					
								10-25-51	162.66					
								10-26-51	162.51					
29N1	E-12d	Lowry		1249	200	10		3-29-50	139.39			Un	GS	W
								5-17-51	dry					
29P1	E-12c	Coy Ranch		1236	164							D		Wpd
29P2	E-12f	do	1928	1248	410	12		3- 8-51	147.4	64½	TE	Ir	GS,SB	C,L,W
								10-25-51	166.36					
								10-26-51	162.00					
29Q1	E-12g	Pusseto	1890	1232	1025	10-6					TE	Ir	GS	W
29Q2	E-12i	Elizabeth Hudlow		1230	292	10						D		W
29R1	E-16c	Knight's Auto Camp		1195								D		L,W
29R2	E-16	Cajon Development Co.	1920	1194	258	8	115-125					D		L,Wpd
31A1	E-5e	Mt. Vernon Water Co	1928	1258	598	20	225-s-374	3- 8-51	155.7	66	TI	Ir	GS,SB	C,L,Wp
								10-25-51	178.01					
								10-26-51	173.41					
31D1	E-5c	do	1910	1279	1000	14						D	GS	L,W
31D2	E-5b	RHWCo, 1	1926	1267	662	20	250-s-714	3- 6-51	250.21		TI	Ir	GS	L,Wpd
31E1	E-5f	do , 7		1258	764	10						D	GS	L
	2-430SB													

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1N/4-31E2	E-5	RHWCo, 2		1258	514	20		3- 6-51	243.24		TI	Ir	GS	Wpd
31H1		Mountain Properties, Inc.	1951	1224	350	12		7-19-51 7-26-51 8- 2-51 10-18-51	141.2 141.56 142.0 146.41		TE	Ps	GS	
31L1	E-6c	RHWCo, 4		1228	250	10						D	GS	W
31L2	E-6p	do ,		1225	526							D	GS	L
31L3	E-6s	do , 6		1219								D	GS	W
31M1	E-6i	do , old 7	1924	1228	608	20	260-306, 440-575					D	GS	L,W
31M2	E-6t	do , test well		1243		14		2- 8-50	188.36			Ob	GS	Wp
31N1	E-6n	Wilson	1929	1234	486	16	270-s-476	2- 5-52	245.55		TE	Ir	GS	L,W
31N2	E-6u	RMLWCo, 1	1929	1239	802	20		12-15-49	194.3		TI	Ir	GS,SB	Wpd
31N3	E-6e	do		1237								D	GS	Wpd
31P1	E-6b	CLWCo,old Raynor,1	1915	1206	592		214-304, 460-s-592					D	GS	L,Wpd
31P2	E-6f	do , do ,1		1209	625	8						D	GS	L,Wpd
31P3	E-6k	do ,new Raynor,1	1927	1209	697	20					TI	Ir	GS	L,Wp
31P4	E-6d 2-425SB	do	1900	1205	208	12						D	GS	Wpd
31P5	E-6f	do , Raynor, 1		1208	500							D	GS	W
32B1	E-12b 2-361SB	F. Heilman		1212	129	7						D	GS	Wpd
32C1	E-12	Mt. Vernon Water Co.		1231								D	GS	Wpd
32D1	E-12e	F. Preston	1920	1242	219	12	107-s-180					D	GS	L,W

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1N/4-32D2		C of SB, test well	1950	1234	956							Un	GS	L
32D3		do ,19th St.	1952	1231	685	20	150-s-658					Ps	SB	C,L
32G1	E-12a	R. A. Smith	1922	1212	133	8		4-21-50	107.8			Un	SB	C,L,Wp
								3- 8-51	118.6					
32G2	E-12h	Swartz	1923	1200	238	8		3-29-50	98.30			Un	GS	L,Wp
								3- 8-51	110.3					
32H1	E-16j	Brown		1183		7		1- 9-51	94.7				SB	Wp
								3- 9-51	94.1					
32J1	E-17b	McLeen		1180	155							D	GS	L
32N1	E-6w	C of SB, Base Line	1946	1185	581	20	126-s-372, 468-476, 540-560	3- 9-51	100.9			Un	SB	L,Wp
32N2	E-13 2-364SB 8-90	F. Alvarado	1900	1186	93	7						D	GS	Wpd
32P1	E-13b	V. L. Martin		1174	287	10					TE	Ir	GS	W
32Q1	E-13c	McCary	1910	1169	366	12						D	GS	L
32Q2	E-13d	Florence Owen		1169				3-12-51	86.8		JE	Dm		Wp
33A1	E-26c	H. S. Davidson		1161								D		W
33A2	E-26i	Anderson	1905	1158	209	10					L	Dm		W
33B1	E-20c	N. M. Swarthout	1885	1153	75	7						D	GS	Wpd
33B2	E-20d	R. Garner	1915	1164	555	10						D	GS	L,Wpd
33B3	E-20e	Bessant	1921	1164	91	8						D	GS	L
33D1	E-16a	C. Hewins	1893	1184	133	7						D	GS	Wpd
33D2	E-16b	Scott		1187	91							D	GS	W

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1N/4-33D3	E-16k	Garner		1187	183							D	GS	L
33D4	E-16i	Merryfield		1187	82							D	GS	
33E1	E-16e	Palmer	1913	1184	184	10						D	GS	L
33F1	E-21a	Garner		1161	550							D	GS	L
33G1	E-20a 8-92a	W. J. Bessant		1140	93							D		W
33G2	E-21	M. O. Hert		1134		7						D		Wpd
33H1	E-26d	Harrison		1138								D		W
33H2	E-26f	do		1143		6						D		W
33M1	E-17a	F. F. Palmer	1914	1161	243	10		12-14-50 3- 9-51	78.53 77.6		E	Un	GS	C,L,Wp
33M2	E-17c	Jenkins	1913	1153	207							D	GS	L
33R1	E-16a	E. W. Mark		1127	98	7						D		W
34A1	E-36d	Faevel	1913	1162	191							D		L
34B1	E-30	Sawtelle		1173		8						D		W
34B2	E-30d	Dr. F. Jenkins	1913	1152	177							D		L
34C1	E-26b	Wm. Maas	1912	1168	130	6						Un	SB	Wpd
34D1	E-26a	W. D. Anderson	1915	1154	196	12		1- 8-51 3- 8-51	73.3 73.4		LW	Dm	SB	C,L,Wp
34D2	E-26g	do		1154	205	12						D		
34G1	E-31e	C of SB, 17th and Sierra Way	1948	1142	700	7	494-s-670	11-30-50 3- 8-51	68.15 64.6		TE	Ps	SB	C,L,Wp
34G2	E-30b	Leo Thayre		1138		8						D	GS	W
34G3	E-31f	C of SB, 16th and Sierra Way	1950	1136	712	20	490-680	1- 8-51 3- 8-51	58.9 52.5		TE	Ps	SB	C,L,Wp

Well numbers: Geological Survey	Well numbers: Other	Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level: Date	Water level: Depth (feet)	Temp °F	Type pump and power	Use	Field data	Other data available
1N/4-34H1	E-36b 2-341SB 8-96	H. N. Stones	1884	1151	85	7						D		Wpd
34H2	E-36g	Stephens	1913	1147	140	7						D		L
34J1	E-37g	F. M. Johnson	1899	1124	610	10						Ir		L,Wpd
34K1	E-31a	Pommier		1133	100	7						Un		Wp
34N1	E-27	E. Poppett		1109	60	7		1- 9-51 3- 9-51	38.6 40.7				SB	Wp
34P1	E-31d	Harbou	1920	1108	101	8						D		L
34R1	E-31b	Painter		1095		7						D		W
35C1	E-36	C of SB, Perris Hill, 2	1911	1159	433	15		12- 6-50 3- 8-51	88.83 88.3	TE		Ps	SB	C,L,Wp
35C2	E-36a	do , do ,3	1930	1165	265	20	120-s-202	11-30-50 3- 8-51	88.56 89.4	TE		Ps	SB	C,L,Wp
35C3	E-36p	do , do ,4	1948	1168	314	20	130-s-291	11-30-50 3- 8-51	91.56 89.8	TE		Ps	SB	L,Wp
35C4	E-36m	A. Gifford		1159	90	4						D	GS	
35D1	E-36f 2-424	San Bernardino Hospital	1889	1172	432	9½						D		L,W
35E1	E-36n 2-341	W. G. Stones	1884	1140	65	7						Un		Wp
35E2	E-37z	Holsinger		1130				3- 8-51	71.5			Dm	SB	Wp
35F1	E-36h	Zarup and Miles		1147	436							D		W
35F2	E-36i	County of San Bernardino	1925	1142	178	12				TE		Ir		L

Well numbers: Geological Survey	Well numbers: Other	Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level: Date	Water level: Depth (feet)	Temp °F	Type pump and power	Use	Field data	Other data available
1N/4-35G1	E-41e 8-97a	A. Hoat	1914	1132	157	12						D		L
35J1	E-40f	B. Allen	1946	1177	110	10	58-s-98							L
35J2	E-41f	Base Line Gardens Mutual Water Co.	1907	1123	450	10		1- 8-51 3- 9-51	59.3 56.6			Ps	SB	L,Wp
35K1	E-41b			1118									SB	
35K2	E-41h	Sargent	1911	1117	300									L,W
35L1	E-37	Meacham	1887	1130	320	3		2- 1-51 3- 8-51	57.03 56.8			Un	SB	L,Wp
35L2	E-37n	do	1916	1130	126	10	93-116				TE	Ir	GS	L,W
35L3	E-41b E-37a	C. J. Anderson	1915	1118	152	10	13-s-147					D		L,Wpd
35L4	E-37m	Johnson		1120	140	10		3- 8-51	53.1		TE	Ir	GS,SB	L
35L5	E-37b	Meacham	1903	1122	53	6						D	GS	Wpd
35M1	E-37c 2-222SB	Olsen		1120	155							D		L,W
35M2	E-37f	W. Nakahara	1914	1130	189							D		L
35N1	E-35i	Kier	1920	1103	186	12	146-154	3- 8-51	45.1					L,W
35P1	E-37h	J. Bassant	1913	1105	143							D		L,W
36B1	E-45g	C. Grimes	1914	1161	120									L
36B2	E-43q	Sheets	1915	1157	85	12	72-80					D		L,W
36B3	E-45a	Held		1170										Wpd
36B4	E-45v	Wilsey		1174	246	10	74-s-86							L
36C1	E-45c	John Ralphs		1175	135			3- 9-51	79.3					W
36E1	E-45L	Proutt		1134	140	10		3- 7-51	63.8				W	Wp

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1N/4-36F1	E-45f 2-(p.110) 8-100a	G. M. Cooley	1895	1146	80	10		1- 5-51 3- 6-51	68.9 65.4			Un	SB	Wp
36F2	E-45 8-(p.98)	do	1892	1146	66	7						Un	W	Wpd
36F3	E-45h	Prout	1921	1131	239	10	48-s-105	1- 8-51 3- 9-51	56.2 53.6			Dm	SB	L,Wp
36F4	E-45b	G. M. Cooley	1924	1156	156	12	75-87	7-11-51	83.8				SB	C,L,Wp
36F5	E-46r	do	1936	1142	403	14		1- 5-51 3- 6-51	67.5 64.7			Ir	SB	L,Wp
36F6	E-45z	do	1918	1142	84							D		L
36F7	E-45d 8-100b			1148	87	10						D		L,Wpd
36G1	E-45s	L. C. Thomason		1157										W
36G2	E-46h	J. K. Cherry		1142	90	6		3- 9-51	64.1				SB	W
36G3	E-45j	do		1152	200			1- 5-51 3- 6-51	68.5 70.78				SB	L,Wp
36H1	E-46p	L. C. Conley	1935	1145	195	10		1- 4-51 3- 6-51	55.8 56.6					Wp
36H2	E-46k	Wm. Bates		1140	168		85-s-146							L
36H3	E-45n	A. Osbun estate		1164										Wpd
36H4	E-45t	do			194	12		3- 9-51	69.0				SB	Wpd
36H5	E-46d	L. C. Conley		1145	50	6						D		Wpd
36K1	E-53b	A. Cooley	1937	1123	155	10		3- 9-51	57.6					L

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1N/4-36K2	E-45u	H. D. Wade	1928	1221	195									L
36K3	E-453	McGlothew subdivision	1941	1220	132		63-97							L
36L1	E-45w	do		1130	131	12	87-97					D		L,Wpd
36L2	E-46y	Baker and Byers	1937	1131	139	10								L
36M1	E-41x	Base Line Gardens Well Co.	1946	1107	477		82-2-460	3- 9-51	36.7				SB	L
36Q1	E-46j	A. Osbun		1098	696	12		3- 7-51	14.6				W	Wp
36Q2	E-46c			1118	325	3						D		W
36Q3	E-41t	McGlothlen		1100		10								W
36Q4	E-41q	Williams	1936	1095	55	8								W
36R1	E-46L	A. Osbun	1910	1095	628	12-8		3- 9-51	16.9					C,L
36R2	E-46i	do		1099	165	3								C,W
1N/5- 2K1	D-1185a	C of SB	1945	1781	319	20	150-s-289	3- 8-51	142.3		TE	Ps	SB	L,Wp
3H1	D-1184	San Bernardino Water Utilities Corp., 1		1878	411	20		3- 8-51 9-20-51	168.8 171.17		TE	Ps	GS	Wp
4A1	D-1173a	Glen Helen Ranch		2015		12		9-20-51	flowing			Un	GS	Wpd
4B1	D-1173	do		2020		12		9-20-51	8.35	69		Un	GS	Wpd
4B2	D-1173b	do		2018	380	12		9-20-51	2.55	70	TE	S	GS	C,W
4B3	D-1173c	do		2018		12		9-20-51	6.94	69		Un	GS	W
4M1	D-1171a	Sycamore Ranch		1971								D	GS	Wpd
4M2	D-1171b	do		1993		16		12- 5-49	32.89			Un	GS	Wp
6G1	D-1161	FUWCo, 27		2242	113	dug		2- 8-51	87.73		TE	Ps	GS	C,Wp
6K1	D-1162c	do , old 33		2145	93	do						Ps	GS	Wp

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1N/5- 6K2	D-1162d	FUWCo, 33	1948	2145	170	20						Ps	GS	Wp
7H1	D-1162a	do , 26	1912	2066	131	6		2- 8-50	118.75		TE	Ps	GS	L,Wp
								12-11-51	122.51					
7H2	D-1162	do , 4		2050	130	dug		2- 8-51	353.0			D	GS	Wpd
7J1	D-1162b	do		2027	164							D	GS	Wpd
8B1	D-1171	U.S. Forest Service										D	GS	L
8B2	D-1171c	do	1938		42							D	GS	
8N1	D-1170	FUWCo		1980	113	dug						D	GS	Wpd
8Q1	D-1170a	do		1932	103	do						D	GS	Wpd
11P1		Miller, 2	1923	1648	120	do		3- ?-23	120			D		W
11Q1		do , 3	1923	1635	125	do		3- ?-23	125			D		W
12P1		do , 4	1923	1603	176	do		3- ?-23	176			D		W
15K1	D-1182b	FUWCo, 10	1926	1600	584	20-16		3- 2-51	364.8			Un	GS	L,Wp
								12-11-51	370.42					
15Q1	D-1182	do , 9	1924	1595	425	20		2- 8-51	382.24			Un	GS	L
								3- 2-51	378.72					
								3-22-51	379.70					
								4- 5-51	383.26					
								4-19-51	385.49					
								12-11-51	dry					
15Q2	D-1182a	do , 8	1926	1591	524	20-16		3- 2-51	387		TE	Ir	GS	L,Wp
16K1	D-1175	do , 32	1939	1720	600	16	250-600	12-15-50	352.2		TE	Ir	GS	L,Wp
								12-11-51	339.6					
16Q1	D-1175a	do	1938	1710	400							D	GS	L
16Q2	D-1175b	do	1938	1706	350							D	GS	L

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1N/5-17G1		Fontana Ranchos Water Co.	1951	1865	204	8	54-204	8- 2-51	62.91		TE	Ps	GS	L,Wpd
								12-11-51	61.60					
								2- 5-52	67.79					
								11- 8-52	61.70					
17K1	D-1170b	do	1928	1850	325	20	80-s-224	2-15-51	73.61		TE	Ps	GS	C,L,Wpd
								12-11-51	69.64					
								11- 8-52	49.63					
17Q1	D-1169	Dragotto		1798	225	dug						D	GS	Wpd
18A1		Maddock	1944	1940	172			11- 2-49	154.55		LW	Dm	GS	
								3-22-51	153.75					
19A1	D-1164	C. C. Danner		1805	167	dug		12- 5-49	159.49		TE	Dm	GS	Wp
20E1		Pauline Remy	1951	1745	320	8	275-317	3- ?-51	270				GS	L
								4-10-52	267					
20N1		Schultz and Associates	1952	1665	455	8	150-455	4-10-52	409			Ps	GS	L
								9-12-52	402					
21F1	D-1176	FUWCo		1671	353	dug						D	GS	
22A1	D-1182c	do , 13		1546	551	20		2- 8-51	330.7		TE	Ps	GS	C,L,Wp
								3- 2-51	322.8					
								12-11-51	362.4					
22B1	D-1187	do , Cajon shaft										D	GS	Wpd
22C1	D-1181	do , old 4	1924	1591	656							Un	GS	L,Wpd
22C2	D-1181e	do , 4	1924	1591	656	20		2- 8-51	353.0		TE	Ps	GS	Wp
								12-11-51						
22F1	D-1181a	do , 25		1597	718	20		2- 8-51	283.18		TE	Ir	GS	C,Wp
								12-11-51	304.53					

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1N/5-22F2	D-1181b	FUWCo, 3	1918	1583	400	20	110-380	2- 8-51	358.83		TE	Ir	GS	L,Wp
								3- 2-51	342.92					
								12-11-51	363.0					
22F3	D-1181d	do ,24	1924	1573	407	14		2- 8-51	277.2		TE	Ir	GS	L,Wp
								3- 2-51	266.1					
								12-11-51	285.7					
22G1	D-1181h	Tytle Creek Water Conservation Association		1571	250	dug						Un	GS	Wp
22L1	D-1181c	FUWCo	1912	1572	368	14						Un	GS	L,Wp
22L2	D-1181f	do , Miller and Torrance, 1	1923	1572	429	16	153-429					D		L
22L3	D-1181g	do , old 24	1924	1573	407							D		C,L
23A1	D-1188j	MMWCo, 2		1516	396		150-s-396				TE	Ps	GS	L
23A2		do	1950	1507	451	16	240-433				TE	Ps	GS	L
23H1	D-1188h	do , 1	1927	1493	351	20	69-302	3- 8-51	84.6		TE	Ps	GS,SB	C,L,Wp
								12-21-51	100.57					
								7-23-52	103.6					
								12- 9-52	100.57					
23K1	D-1188a	FUWCo, 1		1453	818	20-16		3- 2-51	244.4		TE	Ps	GS	L,Wp
								12-11-51	275.6					
23K2	D-1188c	do , 2		1455	32	dug						D	GS	Wpd
23P1	D-1188d	LCWICo, upper group, 1		1455	580	14	170-300				TE	Ps	GS	L,Wpd
23P2	D-1188e	do , do , 2	1911	1448	300	15	100-s-300	3- 7-51	dry		TE	Ps	GS	L,Wp
23P3	D-1188g	do , do , 3	1911	1456	250	14	100-s-250				TE	Ps	GS	L,Wp

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1N/5-23P4	D-11881	LCWICo, upper group, new 4	1929	1462	647	20	200-630	3- 7-51 12-11-51	229.7 250.6		TE	Ps	GS	C,L,Wp
23P5	D-1188	do , do, old 4	1911	1462	300	14	68-98, 170-300					Un	GS	L,Wp
23P6	D-1188f	do, do, 5	1919	1444	330	18	90-s-330	3- 7-51 12-11-51	230.8 236.5			Un	GS	L,Wp
23Q1	D-11883	City of Rialto	1925	1429	400	20	116-400	3- 7-51 12-11-51	231.00 268.25		TE	Ps	GS	L,Wp
23R1		Miller, 7	1923	1449	54	dug		3- ?-23	54			D		W
23R2		do , 6	1923	1439	43	dug		3- ?-23	43			D		W
24D1	D-1193	Muscoy Farms	1921	1481	625	20	144-625	10-11-51 11- 9-51 5- 1-52 12- 9-52	278.0 288.45 290.35 281.0			Un	GS	L,Wpd
24N1		Miller, 9	1923	1428	60	dug		3- ?-23	60			D		W
24N2		do , 8	1923	1431	38	do		3- ?-23	38			D		W
24P1		do , 4	1923	1421	144	do		3- ?-23	144			D		W
25D		CLWCo			260	dug		1921(?)	dry			D		
25E1	D-1192a	LCWICo, lower group, 6	1925	1383	507	20	98-s-490	3- 7-51 12-11-51	241.6 302.23		TE	Ps	GS	L,Wp
25E2	D-1192c	CLWCo, Ferguson, 1		1367	486	20-16		3- 8-51	243.85		TI	Ps	GS	Wp
25E3	D-1192 D-1192b	do, do	1926	1366	495	20						D	GS	C,L,W

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1N/5-26A1	D-1189a	LCWICo, lower group, new 2	1925	1412	410	20	104-s-390	3- 7-51	208.34		TE	Ps	GS	C,L,Wp
								12-11-51	234.18					
26A2	D-1189e	do , do, old 2		1412									GS	W
26A3	D-1189c	do , do, 5		1397	407			3- 7-51	322.60		TE	Ps	GS	Wp
								12-11-51	275.46					
26A4	D-1189	do , do, 1		1407	204	12						Un	GS	Wp
26A5	D-1189b	do , do, 3		1407	410						TE	Ps	GS	Wp
26B1	D-1189d	do , do, 4	1911	1425	217	14					TE	Ps	GS	L,Wp
27G1		do , test hole		1488	650							D	GS	L
28J1	D-1177a	W. B. Brazelton	1929	1514	779	16	440-s-773	2-15-51	401.1		TE	Ir	GS	C,L,Wp
28N1	D-1177	FUWCo		1513	301							D	GS	
29A1		Schulz and Stevens	1952	1627				10- -52	a450					
30G1	D-1165	Overholtz Groves	1922	1624	429	16		3-22-51	383.91		TE	Ir	GS	L,Wp
30L1		do	1951	1577	1200	20	321-624	6-12-52	348		TI	Ir	GS	L
								12-11-52	383					
31A1	D-1166	Highland Avenue Water Co.		1525	460			3-21-51	314.31		TE	Ir	GS	L,Wp
31N1				1410							LE	Dm	GS	
32Q1	D-1167	Fontana Water Co.		1423	500	16						D	GS	
34B1		LCWICo, test hole		1453	807							D	GS	L
36A1	E-5d	Triangle Rock and Gravel Co.		1278	274	12		12-22-49	228.65			Un	GS	Wp
								3- 6-51	235.9					
								3-29-51	268.94					
								3-30-51	270.10					
								4-19-51	274.11					

a. Reported.

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1N/5-36B1	D-1191g	LCWICo		1302								D	GS	W
36B2	D-1191	do		1300	110	dug						D	GS	Wpd
36H1	D-1191d	CLWCo, Lord, 6	1909	1266	500	12						D	GS	C,L
36H2	D-1191c	do	1909	1264	530	12						D	GS	L
36H3	D-1191b	do		1260	500	12						D	GS	Wpd
36H4	D-1191a	do, do , 7	1920	1273	475	20	282-336, 409-450	3- 8-51	257.85		TI	Ps	GS	L,Wp
36J1	E-6a	C of SB	1911	1251	482	14						D	GS	L,Wpd
36J2	E-6q 2-426SB	do	1898	1247	800	12						D	GS	L
36J3	D-1191f	CLWCo, Lord, 1	1919	1261	629	20	218-s-508	3- 8-51	245.1		TI	Ir	GS	C,L,Wp
36R1	E-6 E-6v	C of SB,Lytle Creek, 3		1246	466			3- 9-51	232.2		TE	Ps	GS	C,L,Wp
36R2	E-6r	do , do		1246	1000	18-15						Un	GS	L,Wpd
1N/6-14R1	D-1151	Cherbak Bros.		1686	754	12	128-s-575	10- -38 1951	a611 b566		TE	Ir	GS	L,W
23G1		Parker Ranch		1585	552			4- -48 1951	a488 b496					
25K1	D-1156	Landon Water Co.	1931	1532	915	16	695-s-893				TE		GS	C,L,W
26K1	D-1153	John Beletich		1480	300+	dug					LI	D	GS	C
35A1	D-1154	Hagberg		1437	558	14		10-14-49	413.6			Un	GS	Wp
								2-15-51	418.25					
								3- 2-51	417.95					
								12-28-52	425.3					

a. Reported.
b. Estimated.

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
2N/5-33Q1	D-1173d	Glen Helen Ranch		2000	31	12		9-20-51	dry			D	GS	W
1S/2- 6E1	E-63a	John Cleghorn		1560		65						Un		Wpd
6M1	E-63	W. V. Ranney	1931 s	1585	415	20						Ir		L,Wpd
7B1	E-63b	EHOCo	1927 s	1649	460	24	262-s-458						W	C,L,Wp
8B1	E-64	Dr. Aplin		1850	95									Wpd
8C1	E-64b	North Fork Water Co., new well	1928	1812	267	24-20	65-s-267	3-15-51	c 57.7					C,L,Wpd
8C2	E-64a	do		1806										Wpd
9L1	E-65	Western Fruit Growers	1931		357	20	24-260					Ir		C,L
9P1	E-131g	do	1925	2127	630	18	60-s-152							C,L
9Q1	E-131j	Solano Rancho		2151	400			3- 8-51	147.5			Ir	W	Wp
15P1	E-131d	EHOCo		2239	38	dug						D	W	Wpd
15P2	E-131h	do	1924	2250	126	20	30-100	3- 8-51	46.2			Ir	W	L,Wp
16C1	E-131s	Cram and Patterson	1947	2065	304	20	50-s-160	3- 8-51	61.6			Ir	W	Wp
16E1	E-127p 2-10R	Cram	1900	2010	180							D		C,W
16F1	E-131f	Greenspot Mutual Well Co.	s	2071	160	16						Ir	W	C,Wpd
16F2	E-131n 2-9R	Lyon	1900									D		W

c. Spreading water nearby.

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/2-16F3	E-131o	Lodge			70	dug						D		Wpd
16L1	E-131m 2-1R	Cram	1900	2016	130	do						D		W
16N1	E-127m	Western Fruit Growers, 1	1921	1975	137	16					TE	Ir		L,W
18L1	E-123q	Stewart Nursery	1911		185	dug						D		C,W
18M1	E-123v	Stewart Ranch	1945	1605	500	16						Ir	W	L,Wp
18N1	E-123t	Mrs. J. F. Stewart	1945	1630	340	14						D		W
18R1	E-127b	Orange Grove Improvement Co.	1928	s 1763	401	24	187-s-390	3- 8-51	233.0			Ir	W	L,Wp
19D1	E-123g	BVMWCo	1929	s 1608	427	26	280-400	3- 8-51	331.1			Ir		L,Wp
19F1	E-123k	ELMWCo		1676	116							D		L
19G1	E-123f	do , 5	1923	s 1686	318	26	116-183	3- 8-51	171.9			Ir	W	C,L,Wp
19J1	E-127o	Jack Reese		s 1760	233	12						Ir	W	Wp
19K1	E-127a 2-14R	Mentone Domestic Water Co.		s 1724	307	20							W	C,Wp
19P1	E-123i	ECAWCo, 3		1675	140							D		
19P2	E-123j	do , 1	1928	1663	195	20	117-166					D		L
19Q1	E-127i	do , 2		1714	100							D		
20B1	E-127c	ELMWCo, 4	1923	s 1880	218	26	120-192	3- 8-51	dry			Un	W	L,Wp
20K1	E-127 2-7R	G. W. Royes		s 1907	280	16		3- 8-51	96.0				W	Wp
20R1	E-127e	E. D. Patterson	1929	s 1896	186	18	82-156	3- 8-51	dry			Un	W	L,Wp
21A1	E-131a 2-6R 8-110a	R. P. McIntosh	1899		70	dug								Wpd

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/2-21A2	E-131L 2-5R 8-110	R. P. McIntosh	1879		27	dug						D		Wpd
21B1	E-131q	ELMWCo	1910	2075	100	10						D		
21B2	E-131i	do , 3	1923	2100	231	24		3- 8-51	59.5			Ir	W	Wp
21B3	E-131c	do , 3a		s 2085	190	12								Wpd
21B4	E-131k	do , 3b		2100	100	dug						D		W
21E1	E-127f	McIntosh estate,2		s 2017	207	12		3- 8-51	79.2		TE	Ir	W	C,Wp
21E2	E-127k	do ,3		s 2012	150			3- 8-51	85.9			Ir	W	Wp
21H1	E-131	Rocky Comfort Mutual Water Co.		s 2119	35	dug						D		Wpd
21H2	E-134b	H. P. Bogart		s 2126	52	do		3- 8-51	dry			Un		Wp
21L1	E-131b	W. J. Tench	1929	s 2013	160	20		3- 8-51	46.1		TI	Ir		Wp
21M1	E-127j	McIntosh estate,1		1953	88	20		3- 8-51	35.8			Ir		Wp
21M2	E-127n					dug								W
22C1	E-134c	ELMWCo, 1		2268	147	24					T		W	
22E1	E-131e	E. Farrow		s 2198	87	dug		3- 8-51	56.2		TE	Ir	W	Wp
22F1	E-131p	Darby	1928	2232	48	6						D		W
29C1	E-127d	Finch	1900	1836	100	16					TE	Ir	GS,W	Wp
29C2	E-127v	J. Seeley	1900		100									W
29M1	E-128e	L. J. Happe	1947	1850	506	20	235-490					Ir	W	L,W
29N1	E-128d	Cram et al.	1947	1890	836	16	300-820					Ir	W	L,W
29P1	E-128f	J. R. Rees	1946	1895	967	16	140-940					Ir	W	L,W
29P2	E-128g	do , 2			503								GS,W	L
29Q1	E-128b	H. H. Garstin	1900		241	10						D		W

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/2-30B1	E-127h	ECAWCo	1929	1695	264	20	142-222							L
30B2	E-127g	C. T. Paine	1929	1705	250		218-228					Ir		C,L,W
30B3	E-128	King Street Mutual Well Co.	1929	1710	246	18	124-228					Ir	GS,W	C,L,Wp
30C1	E-123e	C. T. Paine	1928	1649	285	18	134-248				TE	Ir	GS,W	C,L,Wp
30E1	E-124c	BVMWCo		1627	280	20	166-247							W
31B1	E-128h	F. Hill	1948	1880	700	16							W	W
31C1	E-124d	R. J. Farganhan		1825	350	10								W
31F1	E-124h	F. Gowland	1947	1885	600	16	290-530						GS,W	L,W
1S/3- 1H1	E-62a	Huffman and Burke	1929 s	1541	375	24	250-s-348	1- 4-51	290.7			Ir	SB,W	C,L,Wp
								3- 6-51	291.6					
2B1	E-60 2-281R	Cram Bros.	1903 s	1593	600	12						D		L,Wpd
2J1	E-61d	W. H. Cram	1928 s	1397	303	24	118-232	3- 6-51	174.7			Ir	W	L,Wp
2N1	E-61b 2-278R	C. C. Taylor	s	1327	131	12						D		W
2P1	E-61c E-61e	EHOCo	1930 s	1369	438	24	180-418					Ir	W	C,L,Wp
2P2	E-61f	do	1948	1347	480	20	175-464	3- 6-51	167.6			Ir	W	L,Wp
2P3	E-61a	A. B. Thomerson	1931	1344	214	18	163-213					Ir		L,W
3D1	E-58j	G. F. Reuss	1924 s	1310	200	12		3- 6-51	183.6				SB	L,Wp
3D2	E-59n	Sunset Golf Park,2	1949	1284	290	12	165-265	1- 5-51	165.8				SB,W	L
								3- 6-51	163.7					
3F1	E-59h	J. F. Hodgeson	s	1272				3- 6-51	144.7			Ir	W	Wp
3F2	E-59e	F. Pierce	1927	1280	324	20	130-311					Ir		L,Wp

Well numbers		Owner or user and user's well number	Year completed		Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other								Date	Depth (feet)					
1S/3- 3F3	E-59q	J. D. Hodgson	1950		1273	277	16	145-257					Ir		L
3J1	E-55j	J. W. Corwin			1332	192	10								L,W
3N1	E-59a 8-T	R. C. Gerber		s	1265	182	14		1- 4-51 3- 6-51	141.6 142.1			Un	SB	L,Wp
3N2	E-59f	J. W. Green		s	1257	150	12		1- 4-51 3- 6-51	136.1 134.3				SB	L,Wp
3P1	E-59g	R. C. Gerber	1935	s	1282	300	16		11- 1-50 3- 6-51	153.0 156.2			Ir	SB	L,Wp
3P2	E-59b	Dobbs	1903	s	1263	156	dug						D		Wp
3P3	E-59k	Gerber			1282	165	12						Un		W
3Q1	E-59d	J. D. Langford	1929	s	1291	305	18	175-292							L,Wpd
3Q2	E-59c	L. F. Cram			1290	147	12						D		W
4A1	E-58r	Summerfield	1935		1294	215	10	140-210				LI	Ir	SB	L
4B1	E-55b	Base Line Citrus Ranch	1926	s	1285	212	14		3- 6-51	166.2			Ir		Wp
4C1	E-55m	do	1948		1285	440	20	188-s-248, 328-s-423	1- 5-51 3- 6-51	177.4 173.5	70		Ir	SB	L,Wp
4E1	E-56i	A. J. Morrow	1927	s	1207	182	12	96-s-179					Un	W	L,Wpd
4G1	E-56w	W. P. Grow	1909		1252	600									L,W
4J1	E-59m	BVMWCo	1948		1240	500	20	146-456	3- 6-51	126.5			Ir	W	L,Wp
4M1	E-56f	A. J. Morrow			1209	170	10						D	W	L,Wpd
4P1	E-56t	Powell et al.	1942		1215	209		52-s-209					Ir		L
4Q1	E-57	Powell and Smith		s	1220	185	14		3- 6-51	110.4			Un	SB,W	Wp
4R1	E-59 2-288	T. A. Gaume			1239	247	10		1- 4-51 3- 6-51	127.0 121.5			Dm	SB,W	Wp

Well numbers		Owner or user and user's well number	Year completed		Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other								Date	Depth (feet)					
1S/3- 5A1	E-56s	Irwin			1186	167									L
5B1	E-56c	F. P Heath	1930	s	1170	123	6		1- 4-51	77.8			Dm	SB	L,Wp
									3- 6-51	71.8					
5B2	F-55e	J. H. Ward	1911		1190	148	15	100-148	3-14-51	97.2					L,W
5B3	E-56u	Irwin			1184	90							Ir		W
5C1	E-55a	McHenry		s	1175										Wpd
5C2	E-56d	H. L. Diller		s	1169	159	12								W
5D1	E-51h	SCWCo	1911		1154	290	12		3-15-51	59.0			Ps	W	L,W
5D2	E-50L	J. C. Goodman				284	3						D		Wpd
5D3	E-50f	Frye estate	1931		1159	253	16		3-15-51	64.0			Ir	W	L,W
5E1	E-51u	Hofer			1151	121							Ir		L
5E2	E-51c	P. E. Obert	1923		1159	105	12		1- 4-51	63.6			Ir	SB	L,Wp
									3- 6-51	64.8					
5E3	E-54r				1154								D		Wpd
5E4	E-51o	Knowles			1148		dug								W
5E5	E-54h	Olbert			1154		do						D		W
5F1	E-56	Miss A. Lawson			1172								D		Wpd
5F2	E-56a	F. E. Moore			1147								D		Wpd
	8-104														
5F3	E-56n	V. V. Ellis	1928		1172	171	12					TE	Ir		W
5F4	E-51n	O. Belcher	1930		1161	55							D		W
5F5	E-51t	Haney and Haws			1160	60	8						D		W
5F6	E-51r	A. W. Franklin	1934		1162	70	dug		3-15-51	66.5		LI	Ir		L,W
5H1	E-55n	Lee Dotson	1949		1196	196		182-190					Dm		L
5H2	E-56b	Esler	1899	s	1189	55	dug						D		L,W
	2-291R														

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
18/3- 5H3	E-56h 2-290R 8-107	Hall and Norwood	1900	s 1196	130	10								L,Wpd
5J1	E-56e	B. T. Esler	1909	1194	186	14		1- 4-51 3- 6-51	92.2 92.0			Ir	SB,W	L,Wp
5J2	E-56g 8-106	B. T. Esler		1130	55	dug						D		W
5K1	E-56v	NAFB	1944	1171	100	12								L
5L1	E-56j	C. S. Synder		s 1170	245	12		3- 6-51	73.1			Ir	W	Wp
5M1	E-51y	C. Miller		1151							TE	In		W
5M2	E-451	Haas	1921		83	12	55-s-79				LE	Dm		L
5M3	E-51m	G. Baca	1924	1150	101	12						Ir		L,W
5N1	E-51bb	Maborae Mutual Water Co.		1151	130	12		1- 4-51 3- 6-51	62.3 64.7				SB	Wp
5N2	E-51w	Kennedy		1153	55	dug					LE	Dm		W
5N3	E-52n	W. J. Luderman		s 1147								Dm		Wpd
5P1	E-51e	J. D. Stoddard	1925	s 1162	81	12	42-54	1- 4-51 3- 6-51	67.2 67.7			Dm	SB	L,Wp
5P2	E-57c			s 1164		dug						D		W
5Q1	E-57h	J. J. Swetkovick	1936		65	do						Dm		W
5R1	E-57d	S. P. Manning		1192		.		3- 6-51	88.3				SB	Wp
5R2	E-56x	Munson	1946	1181	115	10						Dm	W	L
5R3	E-57f	E. R. Smith		1178	180	8								W
5R4	E-57b			s 1191		12						D		W
5R5	E-56y	McFarland and Gladney	1944	1185	80	8						D		L

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/3- 6A1	E-50n	T. Miller	1930 s	1146	94	8		1 -4-51	54.4			Dm	SB	L,Wp
								3- 6-51	53.8					
6A2	E-57k	E. Waggoner		1136				3-14-51	70.8		TE			W
6A3	E-53w	Santolucito	1936	1138	102	10		3-13-51	45.3			Ir		L,W
6A4	E-49n	Tartar			103	6					LE	Dm		W
6B1	E-50q	J. Hicks	s	1126							LW	Dm		Wpd
6B2	E-53y	J. R. Stout		1133		4					LW	Dm		W
6B3	E-450g	T. J. Stuteville	1944		62	10	40-44							L
6C1	E-50j	Van Norsen Dairy	1914 s	1120	183							D		L
6C2	E-53n	E. A. Ming	1937	1118	80							Ir		L,W
6C3	E-50i 2-358	Eleanor Ledford		1122	138	3		3-13-51	31.2	110		Un		Wpd
6D1	E-57x	Goodman	1892	1108	231	3				72	LW	Dm		W
6D2	E-57L 2-330	Warm Creek School	1885	1110	150	2				68		D		W
6E1	E-43k	C. Torrent		1108	84	8						Dm		W
6E2	E-47t	C. C. Epps		1114	140	10								W
6E3	E-57n	Warm Springs School	1929	1110	80	8								
6F1	E-53t	K. L. Maps		1118										W
6F2	E-57o	Prendergast	1939	1122	136	12	107-120	3- 7-51	34.5			Dm	W	L,Wp
6G1	E-51j 2-343	Hawes and McKinley		1139	435	10						Ir	W	Wpd
6G2	E-51x	D. W. Michael		1126	128			3-13-51	44.2			Dm		W
6H1	E-51d	Wm. Hoog	s	1147	425	12		3-13-51	53.0			Ir	W	Wpd
6H2	E-51 8-102	C. F. Crole	s	1148	284	6						D		Wpd

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/3- 6J1	E-56r	Rhodes	1929	1140	50	10								W
6J2	E-53x	H. H. Stidham	1933	1141	138	10		3-13-51	50.2			Dm		L,W
6J3	E-51aa	S. C. Hamilton		1146	374									L
6J4	E-51b			1147								D		C,W
6J5	E-51f	S. Tinel		1147								Ir		Wpd
6L1	E-51a	A. Gregory	1931	1118	523	14	153-165, 361-s-504	3-13-51	34.7			D	W	C,L
6L2	E-51g	McDaniel Dairy	1910	1117	534	10	356-370, 526-534					Dm		L,W
6L3	E-51q	Cline	1935	1123	92	10					E	Dm		L,W
6L4	E-51k	H. E. Archer	1935	1123	120	6		3-13-51	43.1			Ir	W	W
6L5	E-51s	Lankershim Water Co.		1126	124							Ir		L,W
6M1	E-51i	G. E. McKenzie	1919	1106	96	8-6		1- 4-51	34.1			Dm	SB	L,Wp
								3- 6-51	35.6					
6M2	E-53u	T. J. Sawyer	1904	1108	87						LE	Dm		W
6P1	E-52b	C. Goodman		1123	115			1- 4-51	40.1			Dm	SB	Wp
								3- 6-51	43.9					
6P2	E-52r	Atkinson		1122	112	12						Ir		W
6P3	E-52c	Ford Ranch		1114				3-14-51	45.0			Ir	SB	Wpd
6P4	E-52d	Megginson Daley		1114	454	3	18-s-140, 442-454							L,Wpd
	2-319R	Ranch												
6P5	E-52p	Gregory Ranch		1117								Ir		W
6P6	E-52v	Holly		1121	100	9								W
6P7	E-52s	C. W. Fish	1936	1118	112	12					TI	Ir		L,W
6P8	E-52w	Stout	1939	1122	96	8	67-88							L
	E-52y													

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/3--6P9	E-52u	J. M. Jackson	1938	1117	96	8	63-s-96					Dm		L,W
6P10	E-452d	Gregory		1117	204	16		3-14-51	45.4					L
6Q1	E-52	Roberts	1915	1131	235	14	222-228	1-11-51	51.4			Ir	SB,W	L,Wp
								3- 5-51	51.4					
6Q2	E-452c	A. Dixon	1943	1124	123	8						Dm		L
6Q3	E-54g	Williams and Roberts		1124	45	8	71-s-119			E		Dm		W
6R1	E-52i	Cunningham		1140								D		W
6R2	E-52m	Charles	1926	1145	113		39-s-106					Ir		C,L,Wpd
7A1	E-52h	NAFB	1931	s 1137	104	10	58-102					D		L,W
7A2	E-52g	do		s 1142	60							D		Wpd
7A3	E-57q	do		1141	104	8	76-98					D		L,W
7A4	E-52f	do		s 1139	82	12						D		Wpd
7B1	E-52e	do		1126	97									L,Wpd
7B2	E-52a	do		s 1131	97	10						D		L,Wpd
7C1	E-52q	do		1111	107	12						D		W
7C2	E-52k	do		1120	530		80-s-192, 282-290, 380-402					D		L
7C3	E-52j	do		s 1121	547	dug						D		W
7D1	E-48i	do		s 1109	81							D		Wpd
7D2	E-101g	Bush		s 1102								Un		W
7D3	E-48n	NAFB		1106	102	8						D		W
7F1	E-53s	do		1114	45	dug						D		W
7J1	E-105f	do		1128	20	do						D		Wpd
7J2	E-105c	Caldwell		1137	430	16						D		L,W

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/3- 7K1	E-448i E-448c	NAFB, landing field 3	1943	1119	150	12	72-146					D		L
7L1	E-105k	do		1108								D		W
7N1	E-104s	do		1102		12						D		W
7N2	E-101f	do		1198								D		W
7P1	E-105j	do		1109	135							D		W
7P2	E-105s	do			21.5	10						D		W
7P3	E-105a	do		s 1115	23							D		Wpd
7Q1	E-105g	do		1121								D		Wpd
8A1	E-57a		1915	1190								D		Wpd
8C1	E-57j	NAFB		1162								D		W
8E1	E-448h E-448e	do, landing field 2	1943	1142	150	12	70-126	3- 6-51	54.7					L
8M1	E-448d E-448g	do, landing field 1	1943	1135	150	12	78-148					Dm		L
9E1	E-57y	Triangle Rock Co.	1942	1204	100	12		3- 6-51	d 94.5			In	W	L,Wp
11N1	E-118a	Gates	1926	1348	136	12		3- 9-51	dry			Dm	W	L,Wp
13P1	E-123u	Mentone Acres Water Co.	1946	1516	600	20	201-564	3- 8-51	254.0			Ir	W	L,W
13P2	E-123m	EPMWCo	1931	1535	500	20	265-488	3- 8-51	271.0		TE	Ir	W	C,L,Wp
13P3	E-123	do		1534	325	16	280-317					D		L,Wpd
14A1	E-123s	Beech		1435	247	dug								W
14P1	E-119e	EPMWCo	1929	1429	450	20					TE	Ir	W	C,Wp
14P2	E-119c	San Bernardino Avenue Water Co.		1435	350	20		3-14-51	235.4			Ir		C,Wpd

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/3-14R1	E-123a	Raught Mutual Water Co.	1931	1480	500	20	260-500				TE	Ir	W	C,L,W
14R2	E-123b	Raught	1911	1481	333	16						Un	W	L,Wp
15J1	E-118 2-122R	Arnold	1897	1388	174	10						D	W	
15M1	E-113d	Fred Arth	1919	1323	190	14						Un	W	Wp
15M2	E-113i	do	1901	1322	145	7						D		W
15M3	E-113e	do	1930	1336	396	20	151-382	3- 9-51	161.8			Ir		C,L,Wp
15N1	E-113f	Redlands Heights Groves, Inc.	1927	1337	271	20	128-s-249				TE	Ir	W	C,L,Wpd
15R1	E-119	Northbrae Water Co.	1930	1394	400	20	184-386				TE		W	C,L,W
15R2	E-119a	do	1910	1398	220	16		3- 9-51	205.1			Ir	W	Wp
16A1	E-113	R. B. Cook	1949	1292	418	16	105-395	3- 9-51	126.4			Ir	W	C,L,Wp
16A2	E-113c 2-123R 8-111	J. F. Boyd		1293	110	10								Wpd
16F1	E-109c	Fred Hill	1931	1257	400	20		3-14-51	124.3		TE	Ir	W	L,W
16F2	E-109d	Arth and Tillotson		1254		12		3- 9-51	125.2			Un	W	Wp
16F3	E-109g	Fred Hill		1257		12						D		W
16F4	E-109r 2-118R	Tillotson		1254	73									W
16J1	E-113a	Williams Well Corp.	1931	1303	400	20	158-388	3- 9-51	140.6		TE	Ir	W	C,L,Wp
16K1	E-113h	Tennessee Mutual Water Co.		1283	351	20								L,W
16K2	E-113b	Pioneer Pumping Plant	1904	1291	256	12		3- 9-51	132.4				W	L,Wp

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/3-16K3	E-113g	Young Well Co.		1276				3- 9-51	126.1			Ir	W	Wp
16L1	E-109b 2-117R	Kitching	1899	1254	98	9						Un	W	Wp
16L2	E-109h	Tennessee Mutual Water Co.	1929	1269	430	20					TE	Ir	W	L,W
16L3	E-109z 2-121R	W. W. Story	1900	1256	163	10						D		W
16L4	E-109n	New England Water Co.	1913	1255	120	18-10		3-14-51	118.1		TE	Ir	W	W
16M1	E-109j	Mrs. J. Sliger		1243				3- 9-51	105.1				W	C,Wpd
16M2	E-109p 2-119R	G. Boger		1250	132	dug								W
17C1	E-109	E. N. Smith, "Williams well"	1892	1150	110	10						Un	W	Wp
17C2	E-109f	Daniels		1176	110	10					JE	Dm	W	Wp
17G1	E-109k 2-120R	Armstrong Ranch	1896	1202	105	11						D		W
17H1	E-109i	Langford et al.	1926	1222	220	18	79-209	3- 6-51	106.5		TE	Ir	W	C,L,Wpd
17H2	E-109a	Armstrong Ranch		1203	200	14		3- 6-51	100.8			Un	W	Wp
17H3	E-109L	do	1934	1204	300	14	140-s-286				TE	Ir	W	C,L,Wp
17K1	E-109w 2-108R	Hale	1896	1204	86	10						D		W
17L1	E-109e	J. D. Langford	1922	1189	188	20		3- 6-51	97.7		TE	Ir	W	C,L,Wp
17R1	E-110d	Fairview Water Co.	1913	1216	360	16						Ir		C,L,Wpd
18A1	E-105b 2-314R	G. Covalt		1121	30	7						D		W

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/3-18D1	E-101j	GCCo, 60	1903	1094	758									L
18H1	E-105e	C. S. Chapman	1925	1154	200	20					T	Ir	W	C,Wp
18L1	E-105d	do		1126								Ir	W	C,W
19G1	E-106f	S. V. Franke		1140	660	12		3- 6-51	70.5		TE	Ir	W	Wp
19G2	E-106j	C. S. Chapman		1134	520	20		3- 6-51	63.0			Ir	W	C,Wp
19G3	E-106e	S. V. Franke		1130	260	8						Un		Wpd
19G4	E-106a	Gregory Ranch		1131								D		W
19J1	E-112s	Fairbanks Ranch,2	1946	1158	481	16	368-470	3-12-51	69.8			Ir	W	L
19J2	E-106L	do	1906	1160	430		424-430	3- 9-51	74.1		TI	Ir	W	C,L,Wp
19J3	E-106h	Mission Mutual Water Co., 2	1906	1160	480		450-480					Ir		C,L,W
19J4	E-112r	Fairbanks Ranch	1946	1160	496	16	362-372, 450-483					Ir		L
19J5	E-106r	do		1160	455	10-14						D		W
19L1	E-106i	Mission Mutual Water Co., 1	1919	1128	550	14	470-550	3-12-51	48.6			Ir		C,L,W
19M1	E-102n	J. D. Langford Estate	1925	1119	511	18	218-227, 425-502					D		L,W
19M2	E-105o	H. R. Scott		1116	503							D		W
19M3	E-104f	J. D. Langford Estate		1116								D		W
19N1	E-102aa	do	1947	1124	592	16	98-126, 500-574	3- 7-51	49.8			Ir		L
19Q1	E-106g	F. C. Fairbanks		1137	70	7						D		Wpd
19R1	E-106d 2-126R	James Smith	1892	1159	90	7								Wpd

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/3-20A1	E-110n	W. H. Pettit	1903	1229	195	10						Ir		C,L,W
20B1	E-110 2-124 8-179	Martin		1204	93	7		3- 9-51	69.5			Un	W	Wp
20C1	E-110u	A. P. Crim	1904	1192	642	12						Ir		C,L,W
20F1	E-110p	do	1930	1192	360	16						Un	W	L,Wp
20H1	E-110c 2-129R			1205	93	7						D		W
20H2	E-110i 2-114R	Wells		1232	196							Ir		W
20H3	E-110y	Gladysta Well and Water Co.		1232	290	16						Ir		C,W
20K1	E-110j	Fred Brooken		1212	180	10		3-14-51	55.8		TE	Ir	W	C,Wp
20K2	E-110v	Western Fruit Growers		1212	60	4						D		W
20P1	E-110t	E. D. Nickerson	1932	1194	467	20	294-s-454	3- 9-51	102.6		TE	Ir	W	C,L,Wp
20P2	E-106b	do		1183	415	10		3- 9-51	78.6			Un	W	Wp
20P3	E-105p 2-130R	Marks	1900	1201	600	10		3- 9-51	107.2			Un	W	Wp
20P4	E-110z	E. D. Nickerson		1195	363	16						Ir		W
20R1	E-111cc	L. Nickerson	1920	1234	311	16	177-301	3- 9-51	79.0		TE	Ir	W	C,L,Wp
20R2	E-110k	Jewel Water Co.		1236	350	16		3- 9-51	80.6			Ir	W	C,Wp
21A1	E-114x	Stowe Water Co.	1948	1320	350	16	150-388	3-14-51	153.2			Ir	W	L,Wp
21A2	E-114a	do		1320	214	12						Ps		Wpd
21C1	E-109o	I. S. Chapman		1249	167	10		3-14-51	97.4			Ir		L,W

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/3-21D1	E-109x 2-115R	formerly Hess	1897		163	11						D		
21E1	E-110h 8-121	A. Champion		1251	126	10.		3- 9-51	84.8			Un	W	Wp
21E2	E-410a E-110aa	Mascart Water Co.	1944	1242	264	16	88-s-220	3- 9-51	85.8		TE			L
21E3	E-110e	do	1911	1243	306	16						Ir		C,L,W
21E4	E-109g 2-111R	A. Champion	1893	1250	96	7						D		Wpd
21E5	E-110x	Christina Water Co.			325	20						Ir		C,W
21E6	E-110g 2-47R	H. L. Fussell		s 1240		8						D		W
21F1	E-110b 2-109R			1260		8								W
21G1	E-110r	J. D. Langford and Co.	1927	1282	274	18		3- 9-51	120.7		TE	Ir	W	L,Wp
21H1	E-114h	C of R, 32	1929	1318	426	24		3- 9-51	172.0		T	Ps	W	L,Wp
21H2	E-114g	do , 31		1317	233	18		3- 9-51	157.8		TE	Un	W	L,Wp
21H3	E-114f	do , 30	1913	1318	237	18					TE	Ps	W	C,L,Wpd
21H4	E-114u	Sweeney	1893	1302	96	7						D		W
21J1	E-114	Putnam and Walker		s 1322	240	12		3- 9-51	155.8			Un	W	Wp
21K1	E-114o	Lugo Water Co.	1911	1293	230	16					TE	Ir	W	C,W
21L1	E-109u	Hufford	1890	1254	105	7						D		W
21L2	E-109y	do	1897	1260	295	11						D		W

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/3-21M1	E-110f 2-113R 8-120	A. Gregory	1890	1237	100	7						Dm	W	Wp
21M2	E-110q	L. W. Nickerson	1928	s 1253	304	16		3- 9-51	94.3		TE	Ir	W	C,L,Wp
21P1	E-111aa	Colton Avenue Water Co.		s 1269	368	16		3- 9-51	99.7		TE	Ir	W	W
21P2	E-110L	B. E. Hales	1915	s 1277	212	10						Un	W	L,Wp
21P3	E-111y	Colton Avenue Water Co.	1908	s 1269		14		3- 9-51	92.8			Un	W	Wp
21Q1	E-114d 2-102R		1893	s 1291	123	7						Un	W	Wp
21Q2	E-114aa	S. A. Grover	1890	1291	103	7						D		W
21R1	E-114b	E. G. Glietsman	1920	s 1319	200	12		3- 9-51	152.8		TE	In	W	Wp
21R2	E-114n	Smith Tract Pump Co.		1314				3-14-51	146.4			Ir		W
21R3	E-114s	Glietsman	1894	1317	170	7						D		W
22A1	E-119d	Church Street Mutual Water Co.	1926	1400	314	20	200-300	3-14-51	209.7		TE	Ir	W	C,L
22F1	E-114L	Penn Well Co.										Ir		Wpd
22N1	E-114e	C of R	1926	1311	400	20	150-365	3- 9-51	137.3		TE	Ir	W	C,L,Wp
23A1	E-123L	R. Rees	1937	s 1490	549	20	250-529	3- 8-51	269.2			Ir		L,Wp
23A2	E-123d	Judson Street Mutual Water Co.	1927	1495	400	20	280-s-400	3- 8-51	272.6		TE	Ir	W	C,L,Wp
23F1	E-119b	Northside Water Co.	1929	1442	314	20					TE	Ir	W	C,Wp
24A1	E-123o	Mentone Acres Water Co.	1926	1586	405	20	277-405	3- 8-51	314.2			Ir		C,L,Wp

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/3-24C1	E-123c	BVMWCo	1929 s	1521	578	26	250-550	3- 8-51	263.9		TE	Ir	W	C,L,Wp
24C2	E-123n	do		1508	251	dug						Un		L,W
24E1	E-123r	A. Wheaton		1506	156							D		L
24P1	E-123p	C. M. Brown		1548	163	dug						D		W
24R1	E-123w	Western Fruit Growers	1948	1583	432	20	280-390	3- 8-51	316.9			Ir	W	Wp
25A1	E-123h	Whittier Ranch		1620	100							D		L
25F1	E-124e 2-28R 8-113	Maude Garland	1900 s	1570	250	10		3- 8-51	dry			Un	W	L,Wp
26F1	E-119g	Lloyd	1899	1499	246	10		3-15-51	dry			Un		W
27C1	E-114c	Huffman	s	1341	185						TE	Ir	W	Wp
27E1	E-114r	Home Gas Co.		1320	322							D		L
27F1	E-114p	Formerly Redlands Natatorium	1909	1343	200									L
27H1	E-120x	Somers	1901	1396								D		
27J1	E-120y 2-42R	Hayes	1899	1416	428	12		3- 5-51	49.4			Un	W	L,W
27K1	E-119f	Edison Electric Co.	1902	1368	262	8						D		W
27L1	E-114w	J. W. Miller	1900	1360	285	7						D		W
28A1	E-114m	East Barton Water Co.	s	1280		16						D		W
28A2	E-114v 2-105R	Myron Sherman	1892	1303	145	8						D		W
28A3	E-114t	S. Young	1900	1311	250	10						D		W

Well numbers		Owner or user and user's well number	Year completed		Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other								Date	Depth (feet)					
1S/3-29D1	E-115	V. L. Gregory			1173	400		284-321					Ir	W	L
29D2	E-106k	A. G. Patterson			1182	400	12						Ir		C,W
29F1	E-107a 2-84R 8-132	F. Buehler		s	1189	130	7						D		Wpd
29G1	E-111Q	Reece	1939	s	1197	216	8						Un	W	L,Wp
29H1	E-111o 2-93R	A. and G. James	1899	s	1236	176	10		3- 7-51	67.7			Un	W	Wp
29H2	E-108o	Yactman	1913		1218	105						LE	Dm		L
29H3	E-111t	Woehr Mutual Water Co.	1929	s	1222	297	16		3- 7-51	60.6		TE	Ir	W	C,Wp
29J1	E-111bb	Pharaoh-Powell Water Co.			1222	660	10	612-638					Ir	W	C,L,W
29J2	E-111i	S. W. Sylvera			1205	90	7						D		Wpd
29K1	E-111a 2-83R 8-124	J. L. Yount		s	1201	109	7						Un	W	Wp
29K2	E-111r 2-82R	do		s	1206	340	10		3- 7-51	45.9		TE	Ir	W	Wp
29K3	E-112u	do	1946		1208	460	16	175-s-424	3- 7-51	62.6			Ir	W	L
29L1	E-107i 2-85R	do		s	1183	60	7		3- 7-51	52.9			Un	W	Wp
29M1	E-106t	J. J. Curtis			1183	90	10						Un		W
29M2	E-107h	E. C. Curtis		s	1179	96	7						Un		Wpd
29N1	E-107f 2-60R 8-130	A. T. Park		s	1186	86	7						D		Wpd

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/3-29N2	E-107j 2-62R	Curtis		s 1191	84	7						D		Wpd
29N3	E-107y 2-61R	N. B. Curtis	1898	1201	400							D		W
30A1	E-106c	A. M. Ham	1913	s 1164	400	16		3- 7-51	58.6			Un	W	Wp
30A2	E-106 2-132R 8-134	P.O. Cover		s 1148	82	7						Un		Wpd
30A3	E-106y 2-128R	A. M. Ham	1887	1153	450	5-7						D		W
30B1	E-106s 2-134R	A. E. Frost	1899	1150	100	10						D		W
30B2	E-106m	do	1926	1150	125			3-12-51	65.7			Un		W
30C1	E-106p 2-137R	do	1892	1132	100	7		3- 7-51	58.0			Un	W	Wp
30D1	E-103t	McCreary Estate	1926	1123	300	12	85-s-173					D	GS	L,W
30D2	E-103j	do										Ir		W
30D3	E-102b 2-140R	W. H. Van Leuven		s 1123		7						D	GS	Wpd
30D4	E-115c	O. E. Peterson	1951	1126	507	12						Ps		L
30K1	E-106v	W. H. Van Leuven	1900	1154	63	9						D		W
30K2	E-106z 2-75R	C. Hinckley	1899	1158	59	7						D		L,W
30K3	E-107x 2-66R	Milton Frink		1162	72	6						D		W

Well numbers		Owner or user and user's well number	Year completed		Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other								Date	Depth (feet)					
1S/3-30L1	E-107g	W. H. Manning		s	1143	200	7						Un		Wpd
30M1	E-103z 2-68R	Robinson	1870		1140	24	dug						D		W
30P1	E-105L	Fint Gass			1180	328							Un		L
30P2	E-107L	Breck and Puffer			1160	425	14		3-14-51	75.5			Ir		C,W
30Q1	E-107m	M. L. Frink	1928		1174	200	14		3-12-51	80.3		TE	Ir	W	C,Wp
30Q2	E-107r	do	1901		1184	751	12						D		L
30Q3	E-105u	do	1909		1174	358							D		L,W
30Q4	E-107 2-66R 8-131	do			1172	200	14						Un		Wpd
30Q5	E-107s	Mrs. E. Bahr	1928		1184	296	16		3-14-51	82.7			Ir		W
30R1	E-107e 2-84R	Frink Brothers	1899	s	1179	335	10						D		L,Wpd
30R2	E-106u	Curtis			1192	94	8						Un		W
30R3	E-112n	Hinckley Orange Grove Co.	1899		1184	271	11						D		W
31A1	E-407	A. Break	1946		1196	500	14	115-s-350, 466-476	3- 7-51	94.8		TE	Ir	W	L
31A2	E-107t	Bessant		s	1210	154	10		3- 7-51	e102.2			Un	W	L,Wp
31A3	E-107Q	Bryn Mawr Mutual Water Co., 2	1929	s	1204	472	16		3- 7-51	103.2		TE	Ir	W	C,Wp
31A4	E-107p	A. Break	1899		1195	510	14-10		3- 7-51	91.8		TE	Ir	W	L,W
31B1	E-107o	A. P. Dallas	1903		1193	270	10						D		L,W
31B2	E-106x 2-69R	Southern Pacific Railroad	1890		1195	75	7						D		W

e. Below measuring point.

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/3-31C1	E-105v 2-135R	Frost	1892	1189	80	7						Un		W
31D1	E-405	J. S. Stewart	1946	1198	340							Ir	W	L
31F1	E-109t 2-73R	Lawrence	1898	1239	190	7						D		W
31H1	E-107k	Bryn Mawr Mutual Water Co., 1	1927	s 1227	554	18	200-348				TE	Ir	W	C,L,Wpd
31K1	E-109aa 2-72R	Owen Buchanan	1898	1280	237	7						D		W
31N1	E-105n	Robert King		1345	406	14						Un	GS	L
31R1	E-108x	A. Break	1897	1354	256	10		3-14-51	dry			Un	W	L
32A1	E-111j 2-55R	J. S. Marshall	1899	s 1287	438	10		3- 7-51	119.9		AI	Un	W	Wp
32B1	E-111e 2-45R 8-126	A. C. Fowler		s 1279	170	9								Wpd
32C1	E-107d 8-125	Wm. H. Martin	1893	s 1216	146	7		3- 7-51	78.2			Un	W	Wp
32C2	E-111d	T. M. Nash		1228		8						D		
32C3	E-107n	Taylor and Long	1906	s 1227	217	12						Un		L,W
32D1	E-107b 2-57R 8-68	N. B. Hinckley	1895	s 1207	720	10		3- 7-51	94.8			Un	W	Wp
32D2	E-115a	Fuller Ranch	1947	1217	868	16	650-652, 700-s-824				TE	Ir	W	L,Wp
32D3	E-107c	N. B. Hinckley		s 1214	690	16						D		L,Wpd

Well numbers		Owner or user and user's well number	Year completed		Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other								Date	Depth (feet)					
1S/3-32G1	E-111g	H. E. D. Field		s	1246	480	14		3- 5-51	76.5		TE	Ir	W	C,Wp
32G2	E-111 2-155 8-127	Mrs. L. Bedford	1890		1249	125	7						Un	W	Wpd
32G3	E-411	W. Hentschke	1946		1240	336	16		3- 5-51	116.6				W	
32G4	E-111f	J. S. Smith	1903	s	1240	159	10						D		L,Wpd
32H1	E-111b	A. Hentscheke		s	1240	242	12						D		L,Wpd
32J1	E-111s	H. Horton	1935	s	1263	420	16						Ir	W	L,Wp
32J2	E-112t	Dr. A. B. Lee	1947		1370	665	16	245-s-580	3- 5-51	182.0			Ir	W	L
32J3	E-111c	Formerly S. Horton		s	1264	330	12								Wpd
32K1	E-111p	Elgin Smith	1930	s	1251	440	16	117-s-427	3- 5-51	113.4		TE	Ir	W	C,L,Wp
32K2	E-112m 2-156	Horton	1891		1256	125	7						Un		W
32L1	E-112j	George Quick			1252	87							D		W
32Q1	E-112i 2-47	Metzger	1897		1265	165	12						D		W
32Q2	E-112 2-46R 8-129	C. W. Tenney	1903	s	1261	160	10						Un		L,Wpd
33C1	E-111k 2-54R	J. S. Prendergast	1899	s	1308	462	10						Ir	W	C,Wp
33R1	E-116b 2-44R	Y. G. Atwood	1899		1464	660	10						Un		W
34H1	E-120z 2-43R	Ruth Harris	1895		1495	312	7						Un		W
35B1	E-120	J. W. Simonds	1902	s	1523	850	10	308-s-416	3- 5-51	265.4			Un	W	L,Wp

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/3-35B2	E-120f	C of R, 5R	1899	s 1533	510	10						Un	GS	L,W
35G1	E-120t	do , 5	1912	s 1538		18						D		L
35G2	E-120c	do	1906	s 1538	303	16						D		L,W
35G3	E-120d 2-53R	do	1906	s 1540	270	20						D		L,W
35G4	E-120g	do , 6R		s 1538		10								W
35G5	E-120e	do	1899	s 1534	570	10		3- 5-51	68.6			Un	GS,W	L,Wp
35G6	E-120p	do	1899	1550	452	10					TE	Ps	GS	L
35G7	E-120j	do , 11	1913	s 1566	687	18		3-15-51	96.6		TE	Ps	GS	L,W
35G8	E-120Q	do , 10	1913	s 1566	546	18						Un	GS	L,W
35G9	E-120n	do , 13	1913	1580	550	20					TE	Un	GS	L
35H1	E-120h	do , 15		s 1573		10		3-22-50	86.5			Un	GS,W	Wp
								3- 5-51	108.0					
35H2	E-120k	do , 12	1913	1568	347	20		3-15-51	99.0			Ps	GS	L,W
35H3	E-120m	do , 16	1925	s 1572	414	20		3-15-51	102.7		TE	Ps	GS	L,W
35H4	E-120L	do , 14									TE	Ps	GS	W
35H5	E-120i	do , 8		s 1577		10						D		Wpd
35H6	E-124f	Erwin		s 1618								D		W
35L1	E-120v 2-31R	WRWCo	1899	1620	248	10						D		W
35L2	E-120v	do	1899	1626	243	12		3- 5-51	137.6			Un	W	Wp
35M1	E-120a	Aaron Coffeen		s 1571		3						D		Wpd
35M2	E-120b	WRWCo		s 1594	226	12						D		W
36H1	E-124g	ERWCo	1900	1830	514	12								W
36M1	E-124	Dr. Edmunds, east	1900	s 1609	432	7							W	Wp
36M2	E-124b	do		s 1607		8						D		Wpd

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4- 1A1	E-47n	G. C. Webster	s	1110	518	12-10	386-404, 510-518	3- 7-51	31.2			Ir	SB	L,Wp
1A2	E-47v 2-(p.42)	Arroyo Verde Mutual Water Co.	1898	1103	665	10		3- 7-51	17.8				SB	L
1A3	E-47r	Pioneer Title and Insurance Co.	s	1100	384	7								Wpd
1A4	E-47x	Dumouchelle	1928	1109	91	8	78-85					Dm		L,W
1A5	E-47w	Burke		1108	140	8						Dm		W
1A6	E-46g E-47p5 2-50SB	RWCo, McCrary tract, 4	1898	1096	648	10		3- 9-51	flowing			Ps	GS	L,Wp
1A7	E-47p4	do, do, 48	1898	1097	590	10						D	GS	L,W
1A8	2-335R	do, do, 3	1898	1096	384							Ps		L
1A9		do, do, 5		1095								Ps	GS	
1A10	E-46t 2-327R	J. Q. Adams			185	3								W
1B1	E-47p1 2-38SB	RWCo, McCrary tract, 38	1892	1090	187	7						D		L,W
1B2	E-47p2 2-39SB	do, do, 2	1893	1092	396	9½	329-337					Ps	GS	L,W
1B3	E-47p3 2-43SB	do, do, 1	1894	1096	420	9½						Ps	GS	L,W
1B4	E-47a	Bash	s	1097	740	12						Ir		W
1B5	E-47L	Joe Driskell	1908	1093	934									L
1B6	E-46b	McCrary	s	1099		3						D		W
1D1	E-46	A. H. Bessant	1922	1085	125	8		1-8-51	16.7			Ir	SB	L,Wp
								3-9-51	12.9					

Well numbers		Owner or user and user's well number	Year completed		Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other								Date	Depth (feet)					
1S/4- 1E1	E-42f	RWCo, Poole tract, 1	1925		1068	1047	14-10	1,000-1,030					Ir	GS	L,Wpd
1E2	E-41v	John Hoak	1938		1068	484	12	440-470	3- 7-51	2.8				SB	W
1E3	E-42u	Hoak Dairy	1936		1072	150	12						Ir		W
1F1	E-47k	John Shay			1088	924									L
1F2	E-47b	Patton State Hospital		s	1088	844	10								W
1H1	E-47m	Ward Holmes			1103	835							D		L
1H2	E-57r	C. H. White	1934		1107	112	8								L
1H3	E-447i	C. E. Tamlein	1944		1107	103	8	84-90							L
1J1	E-447d	Mobile	1941		1103	95	8								L
1J2	E-447	McCullough	1940		1104	74	8								L
1J3	E-47aa	R. J. Webster	1928	s	1097	47	12	32-34	3- 6-51	27.7				SB	L,Wpd
1J4	E-447g	Williams	1943		1106	310	8	242-246	3- 6-51	25.65					L
1J5	E-47e	J. B. Bledsoe		s	1100	40	7						D		Wpd
1J6	E-47f 2-315	R. J. Webster		s	1098	283	3						Dm		W
1J7	E-48v	Mountain View Gardens Mutual Water Co.	1933		1100	130	10	91-130					Dm		L
1K1	E-48w	Webster	1929		1093	200		95-s-130	3- 7-51	26.3				SB	L
1K2	E-47g	R. J. Webster		s	1088	185	7						D		Wpd
1K3	E-47j	W. Bellou	1914		1086	129							Dm		L
1L1	E-47	E. H. Flower		s	1080								D		W
1M1	E-47s	do	1935	s	1072	64	8		1- 4-51	16.3				SB	L,Wp
									3- 6-51	16.8					

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4- 1M2	E-48z	Pharr	1943	1073	200	16		3-6-51	10.97			Ir	GS	Wp
1M3	E-47d	E. H. Flower		s 1073	20	6						D		Wpd
1M4	E-439k	John Hoak	1943	1067	200	12								L
1M5	E-47o	Noe	1943	1073	12	dug					CI	Ir		W
1N1	E-48q	Herr		1071	280	3								W
1P1	E-43c E-43d	H. H. Eastwood		s 1070	952	16					TE			L,W
1Q1	E-48y	Patton State Hospital		1091	800	10		3-6-51	11.68			Ir		W
1R1	E-48c	C.M. Crandall		s 1104	125	12						Ir	W	Wp
1R2	E-48s	Herrington	1930	1098	140	12	102-125							L
1R3	E-54f	Crowdell		1103	81	36	24-s-81	3-6-51	33.0		LE	Dm	SB	W
1R4	E-48r	Herrington		1098		dug						D		W
1R5	E-48t	George Johnson	1937	1100	41	12						Dm		W
1R6	E-448a	O. E. Carney	1943	1102	83	8	62-72							L
2A1	E-41u	Miller	1939		100	8		3-6-51	27.0		TE	Dm	GS,SB	L,W
2A2	E-41i	Twin Cypress Nursery	1938	1091	186		144-186							L,W
2A3	E-42c	RWCo,Stiles tract	1923	1072	981	12		3-9-51	7.30		TE	Ir	GS	L,Wpd
2A4	E-46a	J. K. Cherry		1089		3								W
2A5	E-41s	E. J. Scheis	1936	1087	54	10	36-s-52							L
2B1	E-42k	Roesch		1075	600	10		1-8-51 3-9-51	15.7 + 9.8				SB	Wp
2B2	E-41p	Van-Loon Mutual Water Co.	1923	1090	181	12								L

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Geological Survey	Other							Date	Depth (feet)					
1S/4- 2B3	E-42j	Moretti	1913	1071	253	10						Ir		L,W
2C1	E-37j	W. L. Haygood	1924	1090	121	10		3- 7-51	31.1			Ir	W	L,Wp
2C2	E-37p	Twin Cypress Nursery	1924	1090	103	8	65-s-92				TE	Ir	GS	L
2C3	E-37o	McDaniel Dairy	1922	1088	91	8½	39-45					D	GS	L
2C4	E-37s	Thompson	1924	1089	42	8		3- 5-51	31.60		JE	Dm	GS	L,W
								9-12-51	38.49					
2C5	E-37q	McDaniel Dairy	1924	1090	91	8½	37-42				JE	Dm	GS	L
2C6	E-37L	do	1923	1090	91	8					TE	Dm	GS	L
2C7	E-38c	W. T. Graham		1076	334	3						Dm		W
2C8	E-38t	E. Poppett	1910	1051	504	10						Ir		
2C9	E-37r	Pyers		1091	87	8						D		L
2D1	E-37d 2-423	Hirigardy	1900	1091	334	10		3- 7-51	33.8			Ir	SB	Wp
2D2	E-38g	Boren		1077	268	3		1- 4-51	19.9			Un	GS,SB	Wp
								3- 6-51	19.7					
2D3	E-38i	Willis Dairy	1936	1076	469	12	177-s-215, 415-432				JE	Ir		L,W
2D4	E-38j	do	1933	1074	107	8	95-107					D		L,W
2E1	E-38a	Arrowview Dairy		1064	200	4								Wpd
2E2	E-38h	B. B. Stuller	1933	1061	120	8		3- 6-51	8.6		LE	Dm	GS	L,Wpd
								9-13-51	15.81					
2E3	E-38m	Black	1933	1062	120		114-120				LE	Dm	GS	L
2E4	E-38r	Arrowview Dairy		1063	300	10						D	GS	
2E5	E-38s	R. Johnson		1065		4						D	GS	W

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4- 2E6	E-38L	Chilcott	1923	1062	116			9-13-51	17.14		CE	Dm	GS	L,W
2E7	E-38u	B. F. Richardson	1934	1062	44.9	10		3- 6-51	12.8		LE	Dm	GS	W
								9-13-51	16.17					
2E8		Arrowview Dairy		1062								Dm	GS	
2F1	E-38o	Holmes	1934		39							D		W
2F2	E-38b	Wm. Speed		1063	109	3						Dm	GS	Wpd
2F3	E-38d	RWCo, Heap tract	1901	1061	568	10		4-12-51	8.51			Un	GS,SB	L,W
2F4	E-38n	Graham		1065	50	12		3- 7-51	13.9			Dm	GS,W	Wp
2F5	E-38p	J. Heap	1882		300	3						D		W
2F6	E-38y	Gesler	1938	1062	120							Dm		L,W
2F7	E-38v	O. J. Sessions			100							Dm		
2G1	E-439j	Jesse Rodriquez	1944		75	8								L
2G2	E-42z	Pharr Dairy	1915	1055	148						JE	Dm		L
2H1	E-42p	A. L. Campbell	1936	1065	43	10		3- 6-51	12.06		TE	Ir		L,W
2H2	E-41n	Stiles		1063				3- 6-51	6.77				SB	Wp
								4-12-51	7.83					
2K1	E-42	C of SB, Antil, 3	1904	1056	581	12		1- 9-51	+ 0.48			Ps	SB	L,Wp
								3- 6-51	+ 12.2					
2K2	E-42a	do , do , 5		1058	1408		1250-1375	1-17-51	+ 20.1	75		Ps	SB,W	C,L,Wp
2K3	E-42i	do , do , 4	1904	1052	1066	12-10		7-20-51	7.7				SB	C,L,Wp
2K4	E-42h	do , do , 1	1903	1053	614	12				69				C,L
2K5	E-42e	do , do , 2	1904	1055	602	12								L
2L1	E-38e	RWCo, Scheuer		1049	550	10						Ir	GS	W
2L2	E-38	C of Riverside, Benson tract, F		1050	520	10						Ps		C,W

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Geological Survey	Other							Date	Depth (feet)					
1S/4- 2L3	E-39m	RWCo		1050		3						Un		W
2M1	E-38x	White Rose Dairy	1929	1049	98	10	69-91	1- 4-51 3- 6-51	12.15 11.6		JE	Dm	SB	L,Wp
2M2	E-439i	E. Hollingsworth	1944	1045	137		114-127							L
2M3	E-439g	H. F. Baker	1942	1043	127	10	78-s-127							L
2M4	E-32L	J. T. Milliken	1948	1039				1- 4-51 3- 6-51	7.7 9.1				SB	Wp
2N1	E-39s	Cooley Ranch										Dm		W
2N2	E-39c	C of Riverside, Cooley, G			625	10						Ps	GS	C
2N3	E-39f	Evie Stephens		1036	121	6						D		Wpd
2N4	E-33g	R. G. Stankey	1934	1037	199	10								L
2P1	E-32n	RWCo		1047	985			3- 9-51	flowing			Ir	GS	L
2P2	E-39	C of Riverside, D		1040	546	10						Ps	GS	C,Wpd
2P3	E-39a 2-66SB	do , C	1900		580	10				71½		Ps	GS	C,L,W
2P4	E-39b	do , E			549	10						Ps	GS	C,W
2P5	E-39i	Doyle		1046										W
2Q1	E-43e4	RWCo,Garner tract,1	1900	1053	594	10	506-594	3- 9-51	flowing		TE	Ir	GS	L,W
2Q2	E-39L E-43e1 2-65SB	do, 65	1900		540	10				69		D		L
2Q3	E-43a		1900	1054								D		W
2Q4	E-43i 2-478	GLWCo	1899		510	10						Ps		W
2Q5	E-43h	do												

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Geological Survey	Other							Date	Depth (feet)					
1S/4- 2R1	E-43d	C. B. Homer		1061	250	6		1- 4-51 3- 6-51	12.7 11.1				GS,SB	Wp
2R2	E-39k	RWCo, Garner tract, 4	1900	1052	582	10		3- 9-51	flowing			Ir	GS	L,W
2R3	E-43e2	do, do, 2	1900	1062	544	10		3- 9-51	flowing			Ir		L,W
2R4		do, do, 3		1062				3- 9-51	flowing					
2R5	E-43j	Sunnyside Water Co.	1906		900	10						Ps		
3A1	E-32	L. J. Oxley		1088	502	2							GS	Wpd
3A2	E-38f	Polling	1914	1083	181							D		L
3B1	E-31	B. F. Costa		1092	60	8						Un	GS	Wpd
3C1	E-28c	Taylor		1862	218	2						D		W
3D1	E-27c	C of SB, Acacia Street		1096	460	20	135-s-195, 265-s-460	1- 9-51 3- 9-51	31.5 31.3		TE	Ps	GS,SB	C,L,Wp
3D2	E-28d	C. H. Tyler		1095	360	4						Un		Wpd
3E1	E-28b	James A. Cox		1077	370	2½						Un		Wpd
3F1	E-32a			1077				3- 5-51	19.9			D		W
3H1	E-32d 2-324	F. E. Mussen	1898	1065	524	10		3- 5-51	+ 5.67					L,Wpd
3J1	E-32c	E. M. Wright		1053	600	3						D		Wpd
3J2	E-32e	Beam		1045										W
3K1	E-32b	Richfield Service		1056								D		W
3L1	E-28a	J. H. Barton		1063	57	2		3- 5-51	17.94			Un	SB	Wpd
3P2	E-33c	Longstaff		1032	310	10		3-13-51	+ 6.10			Dm		Wp
3Q1	E-32j	Heap		1042	200	8		1-26-51 3- 6-51	+ 2.1 + 3.1			Ir	SB	Wp
3Q2	E-33e	Baldridge			602	2	580-588					D		L

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Geological Survey	Other							Date	Depth (feet)					
1S/4- 4A1	E-27b	Glass		1098								D		Wpd
4B1	E-21b	Dr. White	1901	1120	236							D	GS	L
4B2	E-21c	D. W. White	1871		195	7						D	GS	W
4B3	E-17d	R. T. Roberts			91	7		3- 7-51	50.2			Un	GS,SB	W
4D1	E-17	H. Henricksen		1137		7						D	GS	Wpd
4E1	E-18a	I. W. Hazlett		1120	142	7						Dm	GS	W
4F1	E-22a	Mercadante		1110	75	8		1- 9-51	39.9			D	SB	Wpd
4F2	E-18	do		1113	75	8						D	GS	Wpd
4H1	E-28e					3						Un		W
4J1	E-22 8-A	Miss Birdie Walsh	1888	1081	158	2		3- 9-51	29.4			Un	GS,SB, W	Wpd
4J2	E-28	C. A. Peake		1076		4						Un		W
4N1	E-18e	ATSFRR	1902		350	12	210-s-350					Un	GS	L,W
5C1	E-13a	Mrs. L. Hancock	1910	1176	256	10		1-10-51	96.3			Un	GS,SB	L,Wp
5C2	E-14b	W. F. Robinson	1929					3- 7-51	88.6		TI	Ir	GS	W
5C3		A. Balders		1176	259	12					TI		GS	
5E1	E-14e	Karst	1919	1162	186			3- 9-51	85.2		TE	Ir		C,L,Wp
5E2	E-14g	Carter			150	14						Un	GS	W
5E3	E-91g	Daugherty		1170	147	10						D	GS	L
5E4	E-91h	Jones	1922	1170	185	8	161-172	3- 7-51	91.4		TE	Ir	GS	L
5G1	E-14f	J. W. Smith	1925		123	8						D	GS	L
5H1	E-18b	G. D. Wetteroth	1898	1130	40	7						D	GS	Wpd
5K1	E-14	Anderson		1139	105	6		2-12-50	55.1		LW	Dm	GS,SB	Wp
5K2	E-18d	Mrs. Tompkins						3- 7-51	66.0			Un	GS	W
5L1	E-14c	Vivienda Water Co., 1	1888	1137	208	12						D	GS	L

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Geological Survey	Other							Date	Depth (feet)					
1S/4- 5L2	E-14d	Vivienda Water Co., 2	1880	1128	261							D	GS	L
5N1	E-8 8-86	R. W. Martz	1890	1129	48	8						D	GS	Wpd
5N2	E-15m	Herrera	1920	1120	137	8						D	GS	L
5P1	E-15d	Mary Bemis	1890	1118	48	6						D	GS	Wpd
5P2	E-15k	W. J. Bemis	1888	1113	132	3						D	GS	Wpd
5Q1	E-15	W. J. Bemis		1115	140	3		1- 9-51 3- 9-51	53.9 45.9		LW	Dm	GS,SB	Wp
5R1	E-15o	Juan Rodriguez		1106	120	8						D	GS	L,Wpd
6C1	E-6L	CLWCo, Raynor, 2	1915	1192	416	20	146-185, 284-298, 380-416					D	GS	L
6C2	E-6m	do, Old Raynor	1911	1207	620	12						D	GS	L
6C3	E-7b	do, do, 3	1911	1186	506	12		3- 9-51	106.3		TI	Ir	GS,SB	L,Wp
6C4	E-7c	do, new Raynor, 3	1927	1185	600	20		3- 8-51	106.92		TI	Ir	GS	L
6C5	E-6h	do			600			3- 8-51	190.01			D	GS	C,W
6H1	E-7	do, old Raynor, 4	1923	1160	636	16	180-s-604	3- 7-51	81.49			Un	GS	L,Wp
6H2	E-7d	do, Raynor, 4		1160				3- 7-51	81.33		TI	Ir	GS	C
6J1	E-7a	do, Dixon, 1	1926	1151	648	20	194-226, 354-s-625	3- 7-51	73.34		TI	Ir	GS	L,Wp
6J2	E-7e	do, do , 2	1935	1160	688	20		3- 7-51	81.28		TI	Ir	GS	L,Wp
6J3	E-7f	do		1155	250	12		5-23-51	91.04			Un	GS	C,Wpd
7C1	E-8a D-1098	Edmonds	1928	1200	570	10	265-s-422, 510-537	2-15-51 2-22-51 3- 9-51 12- 1-51	176.76 179.50 174.00 178.41		TE	Ir	GS,SB	L,Wp

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4- 7J1		W. R. Williams		1107	287	4		1- 9-53	190.0		LE	Dm	GS	Cp,W
8A1	E-18c	ATSFRR		1094	463	16		1- 9-51 3- 9-51	40.9 36.8			In	GS,SB	Wp
8B1	E-15p	do		1110		10						D		
8C1	E-15j	James Barnhill	1912	1105	274	12						D	GS	L
8C2	E-15c	BMWCo		1102	350	16						D		W
8D1	E-15n	Marqullis and Stullman	1926	1118	140	10						D	GS	L
8F1	E-15e	BMWCo	1912	1102	344	12						Un	GS	L,Wpd
8F2	E-15L	ATSFRR, precooling plant, 3		1104	401	16		1- 9-51	67.3		TE	In	GS,SB	W
8F3	E-15s	do , do , 2		1105								D	GS	W
8F4		do , do , 4		1106						64	TE	In	GS	
8F5	E-15i	do , do , 1	1909	1104	400	16					TE	In	GS	L,Wpd
8F6	E-15a	TWCo, 1		1095	446	16					TE	Ir	GS	C,Wpd
8F7	E-78d	C of C, 13		1094	620	20	166-204, 270-s-528	3- 8-51	53.42		TE		GS	L,Wp
8F8	E-78	do , 8		1095	646	14	330-s-516	3- 8-51	53.45		TE	Dm	GS	C,L,Wp
8F9	E-78c E-78e	do , 2	1909	1096	520	14						D	GS	L,Wpd
8F10	E-15t	do , 16	1947	1097	818	16	226-350, 418-s-490, 694-758	1- 9-51 3- 8-51	75.1 52.35	66½	TE	Ps	GS,SB	C,L,Wp
8G1	E-15g	TWCo	1888	1096	309	16						D	GS	W
8G2	E-15q	Omar Jones		1093		2						Un	GS	

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4- 8G3	E-15r	Harry G. Wells	1942	1087	67	10	62-67					Un	GS	L,W
8G4	E-15f	Rowe		1094	80	3		3- 9-51	34.7				GS,SB	Wp
8G5	E-15h	TWCo	1888	1096	230	12						D	GS	L
8G6		do, 2		1084								Ps	GS	
8H1	E-19	C of C		1093								D	GS	W
8H2	E-85e	Otto	1897	1083	94	3						Dm	GS	W
8H3	E-85f	do		1073	94	3								W
8H4	E-78m	Hemry	1920	1087	124	8						D		L
8J1	E-85b	C of C		1077		6		1- 9-51	38.5				GS,SB	Wp
								3- 9-51	35.5					
8K1	E-78b	Jones		1087								Dm	GS	Wpd
8K2	E-78k	Leonard Subdivision		1087	592	dug		3- 7-51	32.2		TE	Dm	GS	
8K3	E-78h	Collins Dairy	1923	1077	111	10					TI	Ir	GS	L,W
8K4	E-78i	H. M. Bentley		1080	180	6						Un	GS	W
8K5	E-78j	Wilbur	1923	1081	80	8					TE	Ir	GS	L
8K6	E-78L	Jones		1087	110	8		3- 8-51	30.5		TE		GS	
8K7	E-78n1	W. H. Love	1923	1082	118	8					LE		GS	L
8K8	E-78n2	Collins Dairy		1080	180	6		3- 8-51	34.0			Un	GS	W
8K9	E-78g	Courtney	1923	1086	59	10						Un	GS	L
8L1	E-78a	C of C		1086								D	GS	W
8Q1	E-85k	C of C, 7		1076				3- 8-51	51.19	64	TE		GS	Wp
8Q2	E-85a	SSPCo		1064	150			6-28-22	109			D	GS	W
8Q3	E-85L	do , 2	1912	1076	450	12		1- 9-51	81.2		AE	In	GS,SB	C,L,Wp
								3- 9-51	80.9					

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4- 8R1	E-85i	C of C, 4		1074	350	6				64		Un	GS	Wpd
8R2	E-85m	SSPCo , 1	1911	1075	436	12					AE	In	GS	L,W
8R3	E-85n	John Hub	1909	1068	500	12						D	GS	L
8R4	E-85w	C of C,14	1934	1076	569		150-270, 342-s-520	3- 8-51	42.97		TE	Ps	GS	W
8R5	E-85x	do , 5		1074				3- 8-51	47.08	66½	TE	Ps	GS	W
8R6		do , 6		1075				3- 8-51	46.23	66½	TE	Ps	GS	
9A1	E-29b	Ella Harris	1898	1048	613	10-7	116-124, 230-285	1-11-51 3-10-51	9.5 8.7			Un	SB,W	L,Wp
9A2	E-29d			1052		2								W
9B1	E-23	UISCo	1927	1070	384	16	130-s-382	3- 9-51	31.2		TE	In	GS,SB	C,L,Wp
9B2	E-23a	do	1927	1066	365		100-s-245, 315-365					D	GS	L
9B3	E-23b	do, 2	1927	1072	365	16		2- 7-51	32.4		TE	In	GS,SB	C,L,Wp
9E1	E-85v	L. E. McKnight		1076	500	6							GS	Wpd
9E2	E-19a	do		1076	180	6						D	GS	Wpd
9J1	E-88w	C of SB, South G Street	1946	1030	508	16	130-s-348	1- 9-51 3- 9-51	2.3 1.2	72		Ps	GS,SB	C,W
9J2	E-93q	R. M. Bangle		1027	150			1--4-51 3- 9-51	10.9 e 12.5				GS,SB	Wp
9J3	E-89y			1017	80	8						D	GS	W
9J4	E-93v	Bottling Works		1034	150	12		3- 8-51	8.0				GS	Wpd
9K1	E-89e	C. Bolosso		1038	180	8		3- 8-51	10.2			D	SB	Wpd
9L1	E-88n	Shellenback	1913	1057	26	6		3- 8-51	26.3			Ir	GS	W

e. Below measuring point.

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other Data available
Geological Survey	Other							Date	Depth (feet)					
1S/4- 9N1	E-85c	C of C, 12	1929	1063	904	10	538-608			89½	TE	Ps	GS	C,L,Wpd
9N2	E-85	C. H. Tilden		1055	110	4		1- 9-51	23.5			Dm	GS,SB	W
								3- 9-51	26.6					
9N3	E-85g	C of C, 10	1921	1065	106	14						Ps	GS	L,Wpd
9N4	E-85h	do		1063	680	14				92		Ps	GS	W
9N5	E-85j	do , 11		1063								D	GS	W
9N6	E-85s	George Ralphs		1060	200	10		1- 9-51	33.4			Dm	GS,SB,Wp	
								3- 9-51 e	31.0				W	
9P1	E-85t	C of SB, Birch Street		1052	400		82-s-270	1- 9-51	25.7		TE	Ps	GS,SB	C,L,Wp
								3- 9-51	23.5					
10C1	E-29h	Cooley Hardware Co.		1037	200			1-11-51	8.1				SB	Wp
								3-10-51	4.4					
10D2	E-29j	J. C. Penney Co.				2						Un		
10D3	E-29c	Katz		1046	118	3								W
10E1	E-93aa	T. Rex Transfer Co.		1022	253					80		D	GS,SB	Wp
10E2		C of SB, Stoddard Street, 1	1950	1015	704	10						D	GS	L
10F1	E-29	do, Hanford, 1	1920	1031	752	16		2- 9-51 +	30.6	69		Ps	GS,SB	C,L,Wp
								3- 6-51 +	27.7					
10F2	E-29f	RWCo		1008								Ir		Wpd
10F3	E-29g	Walkinshaw		1025										W
10F4	E-29e			1026		2								W
10F5	E-29a	C of SB,Hanford,2	1929	1030	1235	16-12	698-s-1041	2- 9-51 +	29.7	84		Ps	GS,W	C,L,Wp
								3- 6-51 +	38.1					
10G1	E-92v	Dickencise		1020								Ir		

e. Below measuring point.

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-10G2	E-33j	C of SB, Boyd Street		1016				1- 4-51	+ 11.1			Ps	SB	L,Wp
10J1	E-92n	Howard			300	2						Ir		W
10J2	E-493j	Whitesall	1924	1026	75	8		3- 5-51	8.6			D	W	L,Wpd
10J3	E-93e	J. W. Powell	1919	1026	110	12	22-s-50	3- 6-51	+ 1.5			Un	GS,SB	L,Wp
10J4	E-93n	Charles Martin	1919	1017	247	10							GS	L
10J5	E-92x	Chester Dohon	1942	1020	85	10	25-s-66							L
10J6	E-93h	E. B. Goforth		1025	150	10						D	GS	Wpd
10L1	E-92r	MacAdams	1935					3- 5-51	+ 13.34			D	GS	
10L2	E-92p	Case et al.										D	GS	
10M1	E-93s	Elizabeth Felter	1925	1006				1- 9-51	+ 10.66			Un	GS,SB	Wp
								3- 9-51	+ 8.8					
10N1	E-92e	Herkelrath				4		3- 5-51	+ 8.83		JE	Ir	GS	
10N2	E-92g	Brewster	1914		110	4						Ir		W
10N3	E-93a	F. S. Slaverwein		1009				1- 9-51	+ 13.55				GS,SB	Wp
								3- 9-51	+ 15.3					
10N4	E-92h	Harvey						3- 5-51	+ 4.33			Ir	GS	Wp
10N5	E-92i											Ir		
10N6	E-93r	C of SB, Mill and D Street		1001	557	16	144-s-323, 414-417	2- 9-51	+ 13.6			Ps	GS,SB	C,L,Wp
10N7	E-93u	Herz		1004				1- 9-51	+ 13.61			Un	SB	Wp
								3- 9-51f	+ 17.3					
10N8	E-93b	Peter Fair		1010		3						D		W
10P1	E-92f	Mrs. Long	1916		120	4		3- 5-51	+ 6.95			Ir		
10P2	E-493c	Perry and Gregg	1922	1000	77	8		3-14-51	+ 10.12			Ir	GS	L
10P3	E-96d	B. E. Brown		1000								D	GS	Wpd

f. Above measuring point.

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-10Q1	E-96t	Leonard	1929	1012	243	10		3- 5-51	+ 10.4				GS	L
10R1	E-93g	Herkelrath		s 1021	165	3						D	GS	Wpd
10R2	E-93m	do	1922	1020	399	8	194-s-258	3- 5-51	+ 0.34				SB	L
10R3	E-96u	Leonard	1926		435	10						D	GS	L
11B1	E-43f	C of Riverside	1903	1045	984							Un	GS	L
11D1	E-39e	C of Riverside, Cooley, B	1913	1033	946	10							GS	C,L,W
11D2	E-39q	do, H	1938	1030	963	20							GS	L
11D3	E-39v	do, Cooley, I		1030	1146	20	595-s-770, 920-1040						GS	L
11D4	E-39d	C of Riverside,A	1901	1026	984	10						D	GS	C,L,Wpd
11E1	E-97o	Randall-Sanders		1032	70	8						Dm		L,W
11E2	E-39h	A. C. Muir		1033	25	10						D	GS	L,Wpd
11E3	E-39g	Hunt Nursery		1032	167	3		3- 6-51	11.6			Ir	SB	W
11E4	E-39u	Ellis	1937	1029	160	8						Dm		L
11E5	E-39r	Brown										D		
11E6	E-39w E-39x	Helms		1032	6						I	Un		W
11E7	E-39y	Nelson		1032	57						LI	Dm		W
11E8	E-39o	Ammons			50	10					CI			W
11E9	E-97t	San Felipe Nursery	1935	1036	122		62-s-102	3- 6-51	13.9		TE		SB	L
11E10	E-497b	Frank Bercerril	1922	1035	313	8	168-178				JE	Dm	GS	L
11E11	E-32m	A. C. Muir, 2		1033				1- 4-51	10.85					Wp
								3- 6-51	10.4					
11F1	E-39n	Public Housing Administration	1905	1046	1050	10		3- 6-51	11.8			Un	GS	L

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-11F2	E-97p	Yowell		1043	500			1- 4-51	18.0			Dm	GS,SB	Wp
11G1	E-32q	M. O. Williams	1950	1047	705	14	20-s-92, 192-205					Ir	GS	L
11G2	E-43p	Blue Ribbon Dairy	1935	1045	54	9	46-53					Un		L
11H1	E-43	Al Rae		1052	1147	10	974-s-1147	1- 4-51	18.8			Ir	GS,W	C,L,Wp
								3- 6-51	+ 26.2					
11K1	E-97k	Veach		1033	670							D		L
11P1	E-497q	E. E. Woods		1030	30	8		3-10-51	8.6				SB	Wp
11P2	E-497h	do		1030	180	3		3-10-51	8.9		LW	Dm		
11Q1	E-97h	do	1929	1042	188	14	77-s-174	1-11-51	17.7			Ir	GS,SB	L,Wp
								3-10-51	17.7					
11Q2	E-99t	NAFB		1044	267	3						Dm		W
11Q3	E-100x 2-306SB	Woods		1038	164	3								
11R1	E-97c	NAFB	1914	1053	187							D	GS	L,Wpd
11R2	E-97g 2-307SB	do		1048		10						Dm	GS	Wpd
12A1	E-48a	do		1104	910	10						D		Wpd
12A2	E-48m	do		1104	40							D		W
12B1	E-48	do	s	1089	50	6						D		C,Wpd
12B2	E-48b	do	s	1093	102	10						D		Wpd
12B3	E-47c	do, 2	s	1091	1050	12								Wpd
12B4	E-48h	do	s	1087	818	10				68				L
12C1	E-48f	do, 188	s	1076	298	16	46-s-280	3-16-51	27.42			D		L,W
12C2	E-448k	Holsinger		1077	76		47-65							L

Well numbers		Owner or user and user's well number	Year completed	Alti-tude (ft.)	Depth (feet)	Diam-eter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-12L1	E-43b	L. L. Davis	1904	s 1063	972	10		3- 6-51	+ 19.5			Ir	W	C,L,Wpd
12G1	E-39j	NAFB, 44		s 1076	905	10					TE	Ir		W
12H1	E-48p	do	1900	1101	160							Un		L,W
	2-305SB													
12L1	E-48k	do		1076	960	14						D		Cp,W
12M1	E-497o	do	1940	1057	285	12	78-s-147					Un		L
12M2	E-48j	Folger Ranch		1066	282	12	92-s-232					D		L,Wpd
12M3	E-92w	Wierenga		1057	125	10		3- 5-51	15.5			Dm	SB	Wp
12M4	E-105m	do	1936	1057	57	12						Un		
12M5	E-101p	NAFB		s 1062	22	dug						D		Wpd
12N1	E-97b	do	1918	s 1056	166							Un		L,Wpd
12N2	E-97s	do	1936	1057	102		82-s-102					D		L
12N3	E-101v	do	1935	1062	99	10						D		L,W
12P1	E-101	do		1078	200	3						D		Wpd
12P2	E-101n	do	1930	1063	220	14	94-s-210					D		L,W
12P3	E-101m	do		1073	980							D		L
12P4	E-100y	Hatherly		1074	1000	12						D		W
13A1	E-101u	R. T. Betcher		1079	200									W
13A2	E-101e	H. C. Surdam		1084	93	8						Dm		Wpd
13A3	E-105w	Nalian	1943	1083	120	10		3-15-51	45.04		LT	Dm	GS	W
13B1	E-105x	Ducey and Attwood	1943	1076	97	10					LI			L
13B2	E-101L	H. Lawrence Ranch		s 1080	170	14		11- 7-50	39.2			Dm	SB	L,Wp
13B3	E-101r	do		1079	56	6						D	GS	Wpd
13B4	E-101a	City Creek School		1079				9-12-51	54.5			Un	GS	Wpd
								3-15-51	41.64					

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-13C1	E-100p	Smith	1936	1069	196	12	103-180					Ir		L
13D1	E-497a	B. F. Barton		1058				3-16-51	36.45		TE	Ir	GS	
13D2	E-100k	N. O. Maybell	1923	1058	109	12		3-16-51	36.95		TE	Ir	GS	L
13D3	E-95z	J. Bunt		1057	100	6						Un		W
13D4	E-97d	Barton		1058										W
13D5	E-97e 2-308SB	do		1058	115	10						Ir		W
13D6	E-99s	Gilbert	1936	1059	102	8	90-100	3-15-51	37.34			Dm	GS	L,W
13D7	E-104f	J. R. Garner	1938	1063	140	12	125-140					Dm		L,W
13D8	E-101w	Campbell	1916	1068	124	12						Dm		L
13E1	E-97	E. L. W. Ettlien	1903 s	1059	100	7					JE	Dm	GS,SB	C,Wp
13E2	E-99o E-97L	Harrison	1904	1057	308	10						D	GS	L,W
13E3	E-99r	J. K. Johnson		1061	310	12		3-16-51	43.21				GS	W
13E4	E-101d	P. Dusserre		1063	125	14		3-16-51	43.29		JE	Dm	GS	W
13F1	E-101aa	GCCo, 61	1902	1055	120								GS	L
13F2	E-101c	do, 31-1	1931	1059	422	24	100-s-402				TE		GS	C,L
13F3	E-100g	Isenberg	1926	1060	123	12	102-120	3-15-51	42.79			Dm	GS	C,L,W
13G1		GCCo	1946	1063	350	24					TE		GS	
13J1	E-101k	do, 57	1900	1068	492							D		L
13L1		do, 55		1050	300	10					TE	Ir	GS	
13L2		do, 21	1921	1050	400	24					TE		GS	
13M1	E-97f	AUWCo	s	1046	384	10						D	GS	Wpd

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-13M2	E-101b	GCCo, 30-1	1930	1054	937	24	74-s-400, 478-s-538, 600-s-911					Ir	GS	C,L
13N1	E-98p	do, 29-2	1929	1045	325	24	122-299				TE	Ir	GS	C,L
13N2	E-501c	do, 29-3	1929	1045	350	24					TE	Ir	GS	
13P1	E-101h	do, G	1899	1055	528	10						D		L
13P2	E-102h 2-113SB	do, I	1899	1074	505	10						D		L,W
13Q1	E-101i	do, H	1900	1060	587	10		3-10-51	36.0			D	GS	L
13R1	E-102q	Victoria Farms Mutual Water Co.	1926	1101	220	20						Ir	GS	C,Wp
14A1	E-97i	R. E. Barton	1922	1055	104	10		1-11-51 3-16-51	33.2 33.8		LW	Dm	GS,W	Wp
14A2	E-99v 2-275SB	McPherson		1050	640	10								W
14C1		C. I. Becker			173	8					TE	Dm	GS	
14C2	E-97n	do		1030	22	5						D	GS	Wpd
14C3	E-97j	A. Santini	1913	1036	450	10						Ir		L
14E1		B. W. White et al.		1021		2						Dm	GS	
14E2	E-100v	V. White			350									
14E3	E-97r	White Estate	1935	1020	80	8		3-14-51	12.39		CI	Un	GS	L,W
14E4	E-100f	M. Rosario			30									
14F1		Mill Street School	1950	1024	225	10	90-s-196				TE	Ps	GS	L
14F2	E-97m	Beamean		1038	190	12						D	GS	Wpd
14F3	E-97a	Pine		1039	250	3					JE	Dm	GS	Wpd
14G1	E-105z	C. E. Stamps	1942	1038	115	8	103-110					Dm	GS	L

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-14H1		Tippecanoe Water Co.	1945	1052	150	12	116-136				TE	Ps	GS	L
14J1		Prendergast		1045	512						TE	Ps	GS	
14J2	E-100a	do										D		W
14K1	E-105y	C. E. Stamps			31							D		W
14M1		M. C. Sharps		1014		8						Dm	GS	
14M2	E-99x	Odessa Peavie	1938	1016	100	10					JE	Dm	GS	
14M3	E-100i	Saville		1013	100							D	GS	
14N1	E-97y	E. Mitchell		1016	135	7					TE	Ir	GS	W
14N2	E-97v	Cotton		1019	79	3		9- 6-51	29.83			Un	GS	W
14P1	E-97x	David Greene et al.		1023	120	10					T	Un	GS	W
14P2	E-98a	C of Riverside, Raub tract, 1	1912	1026	580	12						Un	GS,W	C,L,Wpd
14P3		do, do , 3	1952	1025	690	24	660-s-687					Ps		L
14P4	E-98g	Eldridge		1024		3						D		W
14Q1		C. D. Dixon	1944	1033	120						TE	Dm	GS	
14Q2	E-97u	J. G. Sims	1932	1029	105	6					TE		GS	W
15A1	E-93	Philippi Quiroz	1912	1008	500	16		1-11-51	33.2			Dm	GS,W	L,Wp
								3-10-51	+ 32.9					
15A2	E-96m	Chougas										Ir		
15A3	E-100s	C. E. Stamps				dug		3-13-51	7.27				GS	
15C1	E-93f			1000		3							GS	W
15C2		Case Garage		998		4							GS	
15C3	E-93c	J. Schram		995								D	GS	Wpd

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in,)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-15D1	E-93w	NOS	1919	1003	352			1- 9-51	+ 11.88			D	GS,SB	Wp
								3- 6-51f	+ 13.8					
								7- 2-51	10.56					
15D2	E-93x	Paluiso Bros.		1005	190			3-13-51	+ 1.06		CE	Dm	GS	Wpd
15E1	E-96s	Southwest Lumber Co.	1938				161-190	3-13-51	flowing		JE	Dm	GS	L,Wpd
15E2	E-93i	Connor	1918	999	352	12						D		L
15E3		Pete Scarmella		1002							CE	Dm	GS	
15F1	E-96a	NOS		993	520	2		3- 9-51	+ 6.9			Un	GS,SB	Wp
15F2	E-108m	do		993		8		3-13-51	flowing				GS	
15F3		do				12						Un	GS	
15F4	E-93o 2-62SB	RWCo, Brown tract	1898		183	8						D		L,W
15G1	E-96b	Upp	1925	997	224	8	98-s-152	1-11-51	9.3			Ir	GS,SB	L,Wp
								3-10-51	4.6					
15H1	E-93t	J. E. Murdock		1004	26	3						Un	GS,SB	Wpd
15H2	E-96p	Bland		1003	80	10		3-14-51	4.15		CI	Un	GS	W
								10-18-51	14.6					
15K1	E-96e	Niederhauser		999	296	16		3-13-51	2.60			Ir	GS,W	Wp
15K2	E-108r	Valley Farms		1003	274	12	70-s-262				TE	Ps	GS	Wpd
15L1	E-93p	Gregory and Angford				10						Ir		C,W
15L2	E-96c	Morse		990	45	2		3-13-51	1.13				GS	Wpd

f. Above measuring point.

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-15M1	E-93k2 2-20SB	RWCo, Coburn tract, 20	1889	984	75	7	60-73					D	GS	L,W
15M2	E-93d	MDWCo, South E Street		980	603	20	24-s-572	1-11-51 3-10-51	7.5 6.2		TE	Ir	GS,SB	C,L,Wp
15N1	E-95x	W. D. Anderson			30							D	GS	W
15N2	E-93y	Goyena	1908	982	175	10		1-11-51 3-10-51	1.5 1.8				GS,SB	Wp
15N3	E-93z	H. Moore		980	63	6		1-11-51 3-10-51	6.5 2.7				GS,SB	Wp
15N4	E-93bb	Moore		980	36							D	GS	Wpd
15R1	E-98d	Valley Farms Mutual Water Co.		1013	300	8					TE	Ir	GS	C,W
15R2	E-96q	Faulkner		1005	63	10		3-14-51	6.93				GS	W
15R3	E-99f	J. Anderson		1013		12								W
16A1	E-89f	E. G. Branson		1019	26	6						D	GS	Wpd
16A2	E-89m	George Voss		1012	125	4							GS	W
16B1	E-88k	Crabtree		1019	50	3						D	GS	W
16B2	E-89q	Duncan		1021	21	48						D	GS	Wp
16B3	E-89p	Ballenger		1022	32	8					TE	Ir	GS	
16B4	E-89w	Henson		1027	56	8		2- 9-50 3-15-51	12.69 15.0		T	Ir	GS	
16B5	E-89	N. Hanson		1031	45	6		2-21-50 3- 9-51	14.2 17.4		LW	Dm	SB	Wp
16B6	E-89r	Buskik		1028	50	10		3- 5-51	14.5		JE	Dm	GS	W
16B7	E-493i	Wetterath		1018	63	8						D	GS	L

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-16B8	E-89n	E. E. Lint		1027	55	10		2- 8-50	11.21		TE	Ir	GS	W
16B9	E-89z	Holland	1917	1031	63	10		2- 9-50	13.73		TE	Dm	GS	
16C1	E-89a	Scott Bros.		1041	740	18						D	GS	Wpd
16C2	E-85o	Bunnell	1926	1046	100	8						D		L
16C3	E-23c			1041		20						D		
16D1	E-85d	Dallas		1062								D	GS	L,W
16D2	E-85p	John Ralph	1888	1062	278	7						D		L,Wpd
16D3	E-85q	Ralph Estate	1889	1063	409	7						D	GS	L
16D4	E-85r	Security Investment Co.	1915	1055	472	20						D	GS	L
16E1		Glass		1044	278	10		5- 8-15	a102			D		W
16G1	E-89j	Tissetti		1031		dug					TE	Dm	GS	W
16G2	E-89k	do	1912	1027	44	8		3- 9-51	17.15		LW	Dm	GS,SB	L,Wp
16G3	E-88L	Preston		1023	150	3						D	GS	
16G4	E-88O	C. E. Sears		1021				3-10-51	15.0			D	GS	
16G5	E-88m	Preston		1026								D	GS	
16G6		Beach	1947	1031	50	4					JE	Dm	GS	
16G7		Holland		1028				2- 9-50	13.5		LE	Dm		
16G8		Gillette		1021				2- 9-50	8.81			Un		
16H1		Urbita Park		1007		3		9-12-51	0.90			Un	GS	
16H2	E-108p	Pete Scarmella		1007	400	12					CE	Ir	GS	Wpd
16H3	E-93j	Urbita Park		995	368	10	90-s-302					Un	GS	C,L
16J1	E-93kl 2-19SB	RWCo, Coburn tract, 19	1889	977	225	9	215-224					D	GS	L,W

a. Reported.

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-16J2	E-93k3 2-21SB	RWCo, Coburn tract, 21	1889	976	175	7	127-s-174			106		D	GS	L,W
16J3	E-93k4 2-22SB	do, do,22	1889	980	55	9	45-54					D	GS	L,W
16J4	E-93k5 2-23SB	do, do,23	1889	982	121	9	77-s-120					D	GS	L,W
16J5	E-95j	Felix Scheer		1023	36	6		3- 9-51 9-12-51	19.9 24.69			Un	GS	Wp
16J6	E-495a	Nashke	1924	1021	80	10	52-63					D	GS	L
16J7	E-108k			1025				3- 5-51	27.2			D		
16J8	E-95p	Felix Scheer		1025	68	8					JE	Dm	GS	C,W
16L1	E-89b	DeSienna Hot Spring		1025	547	12	304-s-386, 470-s-544					Dm	GS	C,L,W
16L2	E-89c	do		1025	200						TE	Dm	GS	C
16L3	E-89t	KRNO Radio Station		1031	600			4-13-51	+ 4.30	107		Un	GS	C,L
16P1	E-89i	Voss		1029	25	6						D		Wpd
16P2	E-89h	Immaculate Heart Academy		1024		dug						D	GS	Wpd
16P3	E-89L	Larchmont		1029		dug						D	GS	W
16Q1	E-89x	Smelser	1940	1020	91	10					JE	Dm	GS	C,L,W
16Q2	E-89d		1915	1029		dug						D	GS	W
16R1	E-495d	Urbita Park	1906	1022	114							Un	GS	L
17M1	E-70d	J. A. Patterson	1939	1068	330	16	112-s-326	1- 9-51 3- 9-51	150.0 150.6		TE	D	GS,SB	L,Wp

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-17N1	E-70b	Pope						3-12-51	174.88			D	GS	W
18B1	E-70	C of C, 9	1915	1134	600	14	201-s-326	3- 8-51	g207.45	68		Ps	GS	Cp,L,Wpd
								12- 1-51	214.94					
18B2	E-70c	C. G. Whittier	1935	1105	352	16	258-s-342	1-18-50	178.83			Ir	GS,SB	L,Wp
								3- 9-51	178.5					
								12- 1-51	186.40					
18E1	E-70a	A. S. Bradford		1116	500	10		2- 8-50	181.76		TE	Dm	GS	Cp,Wp
								12- 1-51	194.86					
18F1		C of C, 17	1951	1100	903	20	194-778	9-28-51	166.85			Ps	GS	L
								12- 1-51	160.13					
18G1	E-70g	do , 15	1944	1095	556	16	244-s-436,	3- 8-51	170.25	68	TE	Ps	GS	Cp,L,W
	E-79a						500-s-534	12- 2-51	179.07					
18K1	E-70e	G. Hayes		1085		16		2-12-51	175.11		TE	Ir	GS	Wp
18N1	E-70f	R. A. Dean		1066	3900	24-13							GS	
19M1	E-71c	Marcoux		1046		8						D	GS	Wpd
20K1	E-79	W. Delano	1913 s	979	235	12	195-230					D	GS	L,Wpd
20R1	E-86e	PFE, 3	1924	967	326	14	185-314				TE	In	GS	L
20R2	E-86a	do, 4	1920	967	300	20					TE	In	GS	L,W
21A1	E-94a	C of SB, sewage plant	1928	970	292	10	135-150	1-11-51	3.0		TE	In	GS,SB	C,L,W
								3-10-51	+ 1.3					
21A2		RWCo, test well,1	1938	969.1		2	well point	12-14-38	a 6.6			D		W
21B1	E-90u	MDWCo		995	81			3-14-51	57.48		LW	Un	GS	Wp
21B2		RWCo,test well, 7	1938	965	10		well point	12-14-38	dry					W
21B3		do, do ,4a	1938		20	2	do	2- 4-39	a 13.8			D		W

a. Reported.
g. Pumping recently.

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-21B4		RWCo,test well, 4	1938		15	2	well point	12-14-38 a	7.45			D		W
21C1	E-90a	J. A. Coburn		1013	122	10		5-15-15 a	71			D	GS	W
21E1	E-86	Joe Benner		994								D	GS	W
21G1		RWCo, test well,12	1938	963.8	10	2	well point	12- 9-38 a	2.7			D		W
								2- 4-39 a	.90					
21G2		do , do ,13	1938	962.2	10	2	do	12- 9-38 a	5.20			D		W
								2- 4-39 a	1.70					
21G3		do , do ,14	1938	962.2	10	2	do	2- 4-39 a	3.90			D		W
21H1		do , do , 5	1938	971.7	10	2	do	12- 9-38 a	2.00			D		W
								2- 4-39 a	.08					
21H2		do , do , 6	1938	969.5	10	2	do	12- 9-38 a	1.25			D		W
								2- 4-39 a+	.10					
21H3		do , do , 7	1938	967.6	10	2	do	12- 9-38 a	.50			D		W
								2- 4-39 a+	.17					
21H4		do , do , 8	1938	966.4	10	2	do	12- 9-38 a	.06			D		W
								2- 4-39 a+	.25					
21H5		do , do , 9	1938	965	10	2	do	12- 9-38 a+	.35			D		W
								2- 4-39 a+	.80					
21H6		do , do ,10	1938	964.1	10	2	do	12- 9-38 a+	.40			D		W
								2- 4-39 a+	1.3					
21H7		do , do ,11	1938	964	10	2	do	12- 9-38 a	1.0					
								2- 4-39 a	.15					
21J1	E-90q	Bory		963	116	8		3- 9-51	10.00		JE	Dm	GS	Wp
21J2	E-94v	Marquez		966	89	10					JE	Dm	GS	Wpd
21K1	E-90b	R. L. Brown		959	30	10		3- 9-51	14.90			Un	GS	L,Wpd

a. Reported.

Well numbers		Owner or user and user's well number	Year completed		Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other								Date	Depth (feet)					
1S/4-21K2	E-90p	Love			954	67							D	GS	L,Wpd
21K3	E-90i	Williams			955	66	8		3- 9-51	14.85			Un	GS	L,Wp
21K4	E-90j	Miller			959	135	8		3- 9-51	15.65			Un	GS	Wp
21L1	E-90n	RWCo, Vaughn, 1	1937		956	432	24	101-s-270, 372-409	3-10-51	34.9		TE	Ir	GS	L,Wp
21L2	E-90c	Eisenhart			966	65	8						D	GS	W
21M1	E-86c	Reese			956	100	8		3-14-51	65.06		LW	Dm	GS	W
									7- 5-51	65.80					
21M2	E-86b	A. C. Cooley			1007	125	10						D	GS	W
21M3	E-86d	Stutsbury	1895		981	70	8						D	GS	W
21M4	E-86f	Pill		s	969							CI	Un	GS	W
21M5	E-90d	Black		s	975	57	10		2-16-50	36.0		LM	Un	GS	W
21M6		Joseph Pill			970	83	10		10-18-51	31.69			Un	GS	
21N1	E-90h	MDWCo, 36	1948	s	963	689	20	96-180, 283-s-360, 416-s-457, 552-s-670	12-12-50	53.19		TE	Ps	GS	L,Wp
									3-10-51	48.4					
21P1	E-90f	RWCo, Johnson, 2	1934		948	394	24	30-s-142, 262-s-336	3- 9-51	20.00		TE	Ir	GS	L,Wp
21P2	E-90k	Merriless		s	946		12						D	GS	W
21Q1	E-90g	RWCo, Johnson, 3			945	565	24	84-s-261, 302-317	3- 9-51	14.42		TE	Un	GS	L,Wp
21Q2	E-90m	Eastup			954								D	GS	Wpd
21Q3	E-90e	RWCo, Johnson, 1	1934	s	955	628	24	194-s-596				TE		GS	L,Wp
21R1	E-90r	Hubs			961	150	10		3- 5-51	20.8		TE	Dm	GS	C,W
22A1	E-94b	C of Riverside, Paine Lot	1901		1007	642					112		In	GS	C,L,W

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-22A2	E-94x	RWCo		997	90	6						Un	GS	Wp
22A3	E-99z	J. C. Poncy		1008	110							Dm		W
22B1	E-94p3 2-24SB	RWCo, 24	1889 s	1002	192	7	127-s-192				TE	Ir	GS	L,W
22B2	E-94c	C of Riverside, Byrne tract	1929	995	1162	20	645-s-681, 779-s-943, 975-s-1125	3- 1-51	16.86		TE	Ps	GS	C,L,Wpd
22B3	E-94w	M. J. Woodruff	s	1002	200	8		1-11-51 3-10-51	9.4 + 2.8				GS,SB	Wp
22B4	E-94e	RWCo, Thorn tract, 4 (old well 13?)		1000		9-8		3- 9-51	flowing		TE	Ir	GS	W
22D1		RWCo, test well, 1	1938	975.1	10	2	well point	12- 9-38 1-14-39 1-20-39 1-28-39 2- 4-39	a .15 a+ .45 a+ .45 a+ .50 a+ .65			D		W
22D2		do, do, 2	1938	974.0	10	2	well point	12- 9-38 1-14-39 1-20-39 1-28-39 2- 4-39	a+ .20 a+ .95 a+ .93 a+ .98 a+ 1.05			D		W
22E1	E-95t	Smith Packing Co.	1936	976	525	12	252-266, 346-s-508			78	TE	In	GS	L,W
22E2	E-94r	do		976	213	12		7- 5-51 7-12-51 7-19-51 7-26-51	14.91 15.12 15.77 17.78			Un	GS	C,W

a. Reported.

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-22E3		RWCo, test well,3	1938	972.8	10	2	well point	12- 9-38 a	.80			D		W
								1-14-39 a	.40					
								1-20-39 a	.30					
								1-28-39 a	.30					
								2- 4-39 a+	.10					
22E4		do, do, 4	1938	971.6	10	2	well point	12- 9-38 a	1.10			D		W
								1-14-39 a	.05					
								1-20-39 a	.00					
								1-28-39 a+	.10					
								2- 4-39 a+	.28					
22G1	E-94d	RWCo,Thorn tract,1	1931 s	989	350	20	64-s-236	3- 9-51	flowing		TE	Ir	GS	C,L,Wp
22G2	E-94p1 2-15SB	do, do, 15	1889 s	984	86	11						D	GS	L,W
22G3	E-94p2 2-16SB	do, do, 16	1889 s	994	123	9	80-112	3-15-50	5.65			Un	GS	L,W
22G4	E-94p4 2-25SB	do, do, 25	1889 s	983	81	9	63-81					D	GS	L,W
22G5	E-94p5 2-26SB	do, do, 26	1889 s	983	83	9	59-83					D	GS	L,W
22G6	E-94p6 2-27SB	do, do, 27	1889	989	103	9	92-100					D	GS	L,W
22G7	E-94p7 2-28SB	do, do, 28	1889	984	83	9	65-80					D	GS	L,W
22G8	E-94p8 2-29SB	do, do, 29	1889 s	982	101	9	65-100					D	GS	L,W

a. Reported.

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-22G9	E-94p9 2-30SB	RWCo, Thorn tract, 30	1890	986	97	9	77-96	3-15-50	flowing			Un	GS	L,W
22G10	E-94p10 2-31SB	do, do, 31	1890 s	987	165	9	137-s-163	3-15-50	flowing			Un	GS	L,W
22G11	E-94p11 2-32SB	do, do, 32	1890 s	988	165	9	65-103	3-15-50	flowing			Un	GS	L,W
22G12	E-94p12 2-35SB	do, do, 35	1891 s	987	82	10		3-10-50	flowing			Un	GS	L,W
22G13	E-494s 2-45SB	do, do, 45	1896 s	986	173	9		3-15-50	flowing			Un	GS	L,W
22G14	E-94y	do, do, 3	1936	984	988	24	70-157, 265-s-328, 429-439, 537-s-652, 740-s-828, 930-s-988	9-19-50 3- 9-51	49.4 flowing		TE	Ir	GS	L,Wpd
22G15	E-96f	do, do, 2	1934 s	984	240	14						D	GS	L
22H1	E-98c	C of Riverside, Warren tract, 2	1930	1000	1137	20		3- 1-51	3.84		TE	Ps	GS	C,L,W
22H2		do, do, 4	1948 s	999	1100	20	1008-1088	3-29-50 3- 1-51	flowing flowing			Ps	GS	L
22H3		do, do, 3	1948 s	998	852	20	275-325, 408-s-645	3- 1-51	0.92	124	TE	Ps	GS	L
22H4	E-98b	do, do, 1	1930 s	996	965	20		3- 1-51	flowing	110		Un	GS	C,L,Wpd
22L1	E-94n5 2-57SB	RWCo, Rice tract, 57	1898 s	975	92	8						D	GS	L,W

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-22L2	E-94n6 2-58SB	RWCo,Rice tract,58	1898 s	978	87	7						D	GS	L,W
22L3	E-94n7 2-59SB	do, do, 59	1898 s	975	85	8						D	GS	L,W
22L4	E-94n8 2-60SB	do, do, 60	1898 s	975	93	7						D	GS	L,W
22L5	E-94k	RHWCo	s	990	452	12		3- 6-51	8		TE	Ps	GS	W
22L6	E-94o	Daniel Martinez		978	200	12					TE	Ir	GS	W
22M1	E-94n1 2-17SB	RWCo,Rice tract,17	1889 s	971	81	9						D	GS	L,W
22M2	E-94n2 2-18SB	do, do, 18	1889 s	971	92	9	55-90					D	GS	L,W
22M3	E-94n3 2-52SB	do, do, 52		973	94	8						D	GS	L,W
22M4	E-94n4 2-53SB	do, do, 53	1898 s	975	68	8						D	GS	L,W
22M5	E-95h	do		972								D	GS	Wpd
22M6	E-94	RHWCo		982	400	12		3- 6-51	flowing		TE	Ir	GS	W
22P1	E-94m	Dick Filance		989	558	10					JE		GS	L,W
22Q1	E-96g	Beaver and Burnster	1938	992	117	8	102-117					D		C,L
22R1	E-98	L. A. Lambert	1912 s	1014	610	12				74		Ir	GS	C,L,Wpd
22R2	E-99w	Paul Lubinsky	1932	1010	150	8					E	Un	GS	
23A1		GCCo, L	1900	1040	602	12		9-25-50	12.06				GS	L
23A2	E-498k	do, 26-1	1926	1040							TE	Ir	GS	C

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-23A3		GCCo, plant 17	1914	1043	300	24					TE		GS	
23A4	E-98r	do, N	1901	1043	602	10							GS	L
23A5		do, 51-1	1951	1040	710	20	518-575, 636-700				TE	Ir		L
23C1		Meadowbrook Dairy		1019	700	14						Un	GS	
23C2	E-98e	C of Riverside, Raub tract, 2	1931	1022	1192	20	519-s-758, 876-s-1014, 1072-s-1166	3- 1-51	flowing		TE	Ps	GS	C,L
23C3		do, do, 4		1019										
23D1	E-498L	West	1941	1010	125	8							GS	C,L
23D2	E-130h	Meadowbrook Dairy	1950	1018	744	14					TE	Ir	GS	L
23D3		do		1013	690	12					E	Ir	GS	
23D4	E-98x	Bishop		1015	70								GS	L
23D5	E-99L 2-241SB	West		1009		2								
23E1	E-98y	Carnahan and Jackson	1928	1004	730	12	135-250, 504-527, 694-730	3-15-51	flowing			Dm	GS	C,L
23G1	E-98q	GCCo, K	1900 s	1042	576	10						Ir	GS	L
23H1	E-498h	do, 27-1	1927	1043								Ir	GS	
23H2	E-98o 2-107SB	do	1899	1048	675						TE	Ir	GS	L,W
23K1		do		1042									GS	
23K2	E-98s	do, 29-1	1929	1041	303	24	84-s-279			66	TE	Ir	GS	C,L
23K3	E-98z	do, P	1901 s	1041	640	12-10	340-405, 577-s-640						GS	C,L

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-23N1	E-99e	L. E. Decker	1900 s	1025	550	10		1-11-51 3-10-51	+13.0 +16.1		TE	Ps	GS,SB	C,Wp
23N2		Inter-City Mutual Water Co.		1024							TE			W
23P1		do	1900	1031	600	14					TE	Ps	GS	
23P2	E-98h	GCCo, 17		1027	582	10						D	GS	C,W
23Q1	E-99d E-498 2-115	do	1902 s	1041	894	10		3-12-51	+ 5.9	75		Ir	GS,SB	C,Wp
23Q2	E-98k 2-475SB	Tolle	1890 s	1051	600	8		3-13-51	5.2		LW	Dm	GS	W
23Q3	E-98u	Tolle and Hook	1923 s	1051	200	12		3- 6-51	29.1		TI	Ir	GS	Wp
23R1	E-98i			1063								D	GS	W
23R2	E-98L	George Capron		1062	500	3						D	GS	W
23R3	E-98t	Coe Water Co.	1898	1062	627	10				67	TE	Ir	GS	C,L
23R4	E-98w	Gober		1061	400	10						D	GS	W
24E1	E-102e 2-106SB	GCCo, C	1898	1062	527	10						Un	GS	L,W
24F1	E-102s E-102f 2-105	do, B	1898	1069	531	10		1-11-51 3-10-51	7.9 4.0		TE	Ir	GS,SB	L,Wp
24F2	E-102i	do,creamery	1946	1075	156	24-10					TE	Ir	GS	L,W
24F3	E-102g 2-104SB	do, do, A	1898	1077	508	10					TE	Ir	GS	L,W
24F4	E-102g	Coe Water Co.		1076							TE	Ps	GS	W
24F5	E-102d 2-108SB	GCCo, D	1899	1080	568	10						D	GS	L,W

Well numbers		Owner or user and user's well number	Year completed		Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other								Date	Depth (feet)					
1S/4-24H1	E-104b	E. Colley	1936		1100	100	10						Un	W	L,W
24J1	E-100z	Birk	1936		1105	170	8	86-98, 163-167	3- 6-51	53.2		LE	Ir	W	L,Wp
24J2	E-102k	Mary A. Dumford		s	1108	450	7							W	Wpd
24J3	E-102a	Anderson			1105	300	12-7		1-11-51	59.4				W	Wp
									3- 6-51	51.9					
24J4	E-115b	Ferreira	1949		1105	200	16-12							W	
24L1	E-103q	Roberts		s	1080				1-11-51	43.5		LW		SB	Wp
									3- 1-51	38.0					
24L2	E-103r	E. Knight			1082	128	10					LE	Dm	GS	W
24N1	E-98aa	Ralph Moore			1063	100							Un	GS	W
24P1	E-102L	Roberts	1912	s	1085	516	10					TE	Ir	GS	C,L,W
24P2	E-104v	H. O. Mead			1090	60	10		3-13-51	35.8			Un	GS	W
24Q1	E-103y	G. W. Curtis	1890		1100	610	12						D	GS	W
24Q2	E-103w	do	1895		1097	80	7						D	GS	W
24R1	E-102v	K. C. O'Brien	1935	s	1113	356	12		3- 6-51	52.8		TE	Ir	GS,W	L
24R2	E-102r	Edwards		s	1112								D		Wpd
24R3	E-102c	W. W. Miller		s	1109	80	7						D		W
25A1	E-105q	Hodge	1924		1111	90	8						Dm		L
25A2	E-102	Earl G. Harris			1112	80	7						D		Wpd
25B1	E-102j	H. O. Mead			1102	160	7						D		Wpd
25B2	E-103m	Loma Linda College	1926		1102	228	14		3-13-51	55.3	65½	TE	Ir	GS	C,W
25B3	E-105r	Dart	1913		1098	582	14-10		3- 5-51	40.6			D	GS	L
25B4	E-104y 2-182SB	D. M. Dart	1890		1096	80	7						D		W

Well numbers		Owner or user and user's well number	Year completed		Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other								Date	Depth (feet)					
1S/4-25C1	E-102p	CME		s	1085	220	14	100-200	3- 6-51	48.7	65½	TE	Ir	GS	C,L,Wp
25C2	E-104c	Crook	1936		1092							TE	Ir		
25C3	E-104z	Perkins			1091							LI			W
25E1	E-103c	CME, Kelley	1913		1091	754		180-s-208, 610-s-696			69	TE	Ir	GS	C,L,W
25E2	E-103n	CME	1936		1088	400	14						Un	W	L
25E3	E-103p	CME	1935	s	1087	300	14						Un	GS	Wp
25E4	E-103o	W. W. Lambeth	1937		1079	30	6						D	GS	W
25G1	E-103k	H. O. Mead	1917		1108	215	12						Ir		L
25H1	E-103g	Amoral and Dallas	1920	s	1132	201	12	62-s-187	3-13-51	67.2			Ir	W	L,Wp
25H2	E-103	CME			1123	505	12		3-13-51	66.0		TE	Ir	GS	C,L,W
25H3	E-103e	Charles Van Leuven, (Hetblack Estate)		s	1124		7						D		Wpd
25H4	E-102m 2-145R 8-135	Guerschio		s	1120	48	7						D		Wpd
25K1	E-103b	CME, Calkins	1924		1130	850		92-s-188, 665-677, 802-812	3-13-51	53.1			Un	GS	L,W
25K2	E-105t	E. A. Bristol	1935		1120	60	60						Un	GS	
25L1	E-103a	CME			1115	630							D	GS	L
25M1	E-103f	E. Hoxie		s	1091	55	7						Un	GS	Wp
25P1	E-103d E-104o	J. W. Hausted			1125	260	12	20-260	9-28-51	35.2			Un		W
									6-12-52	44.55					
									6-19-52	44.76					
									7- 7-52	45.16					
									7-17-52	45.33					
									7-24-52	45.61					

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-26A1	E-98v	CME		1065	550	10				66		Dm	GS	C,W
26C1	E-98n	GCCo, 59	1901	1042	608	10						Un	GS	L,Wpd
26C2	E-108v	Intercity Tract		1035		8						D		W
26D1	E-98m 2-109SB	GCCo, E	1899	1023	554	10							GS	L,W
26D2	E-95r	Hann		1021	200	12						D	GS	Wpd
26D3	E-99c	Roy Hudlow		1028	15	dug						D	W	Wpd
26D4	E-100c	W. H. Richardson			93			3-13-51	7.9				SB	W
26D5	E-499	Roy Hudlow		1030	150	8		1-11-51	21.3		LW	Dm	W	Wp
26E1		L. L. Hardy	1949	1023	154	8					TE	Dm	GS	
26E2		C. R. Hudson	1949	1024	142	8					TE	Dm	GS	
26E3	E-99m	Meadowbrook Dairy	1936	1009	692	10	562-s-630				CE	Ir	GS	L
26F1	E-99	L. L. Hardy	1931 s	1033	510	14	405-s-490	3-13-51	15.6	74	TE		GS	C,L
26F2	E-99a	do	1916	1031	637	16	430-500, 600-612					D	GS	L,W
26F3	E-496g	CME	1949	1035	720	16	434-496					Un	GS	L
26J1	E-103u	do, machine shop	1936	1079	392	24	188-s-211, 354-361			73	TE	Ir	GS	C,L,W
26Q1	E-102o 2-467	Meissner	1899	1204	500	12-10								W
27A1	E-94q1	C of Riverside, Hunt tract, 1	1901 s	1016	438							D	GS	L
27A2	E-94q2	do, do, 2	1902 s	1016	440	10						Un	GS	L
27A3	E-94q3	do, do, 3	1903 s	1017	438							Un	GS	L
27A4	E-94q4	do, do, 4	1910 s	1016	438	12						Un	GS	L

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-27A5	E-94q5	C of Riverside, Hunt tract, 5	1911		408	12						Un	GS	L
27A6	E-94q7	do, do, 7	1911		532	12						Un	GS	L
27A7	E-94q8 E-94i	do, do, 8	1912	s 1016	538	12		3- 1-51	flowing			Un	GS	C,L
27A8	E-94j	do, do, 9	1913		868	10					TE	Ps	GS	C,L
27A9	E-495h	do, do, 10	1941	s 1017	600	20		3- 1-51	flowing			Un	GS	L
27A10	E-495j	do, do, 11	1946	s 1014	595	20	433-s-474				TE	Ps	GS	L
27A11	E-94h E-94q6	do, do, 6	1912		409	12					TE	Ps	GS	C,L
27A12	E-94f	do, do, 47	1914	1019	700	12								L
27A13	E-95c	do, Stewart tract, 21	1929	s 1018	823	20	115-s-223, 406-440, 525-539, 675-760	3- 1-51	flowing			Un	GS	C,L
27A14	E-95f7 2-13SB	do, do, 13	1889	1010	127	9						D	GS	L,W
27A15	E-95f8 2-14SB	do, do, 14	1889	1010	125	9						D	GS	L,W
27A16	E-95f12	do, do, 42	1893	1007	334	10						D	GS	L
27A17	E-95f13	do, do, 1	1900	1007	390	10						D	GS	L
27A18	E-95f14	do, do, 2	1900	1008	435	10						D	GS	L
27A19	E-95b	do, do, 19	1914	1007	450	10						D	GS	C,W
27A20	E-95f4	do, do, 8	1888	1013	127	9						D	GS	L,W
27B1	E-94g	D. W. Brown	1914	s 996	400	10						D	GS	C,L
27B2	E-94L	do	1913	997	555						TE	Dm	GS	L,W

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-27B3	E-95L	D. W. Brown	1894	998	200	6						Un	GS	W
27B4	E-95o	do		998		10						Un	GS	W
27B5	E-95s	do				14						Un	GS	W
27B6	E-95f10	C of Riverside, Stewart tract,33	1891	1004	320	10						D	GS	L
27C1	E-95y	Stembridge Market	1939	992	88	6						D	GS	L,W
27C2	E-94t	D. W. Brown	1913	995	90	6							GS	Wpd
27C3	E-94s	Dick Filanc		987	250	10					TE	Ir	GS	Wpd
27H1	E-95d	C of Riverside, Stewart tract,20		1020	898							Dm	GS	C
27H2	E-95f2 E-95g 2-8SB	do, do, 8	1888	1014	125	9		3-14-51	2.50			D	GS	L,Wpd
27H3	E-95f3 2-9SB	do, do, 9	1888	1014	123	10						D	GS	L,W
27H4	E-95w	Ralph Swing		1014							TI	Ir	W	
27H5	E-95f5 2-11SB	C of Riverside, Stewart tract,11	1888	1019	201	9						D	GS	L,W
27H6	E-95f6 2-12SB	do, do, 12	1888	1017	141	9						D	GS	L,W
27H7	E-96h	Ralph Swing		1016							LE		GS	W
27H8	E-95m	do	1936	1014	100	14	83-94	3- 5-51	2.3			Un	GS	L,W
27H9	E-95n	do	1936	1014	134	12	104-134				TI	Ir	GS	L
27L1	E-96i	Hollow Hill Farm	1913	993	420	14	165-280	5-28-51	73.05	68	TE	Ir	GS	C,L,Wp
								8-23-51	76.6					

Well numbers		Owner or user and user's well number	Year completed		Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other								Date	Depth (feet)					
1S/4-27L2	E-95e	G. W. Wilder		s	995	89	7						D		W
27N1	E-95	Norman Cooley		s	1014	129	7		1-11-51	101.7			Un	SB	Wp
									3-10-51	99.0					
28A1	E-90	RHWCo			960								D	GS	Wpd
28A2	E-97k	Indian Knoll Dairy	1936		960	488	20	108-s-456				TE	Ir	GS	L,W
28C1	E-90w	RWCo, Meeks, 1	1948		943	450	20	103-432				TE	Ps	GS,W	L
28G1	E-91i	Indian Knoll Dairy			954	150		60-110	12-28-51	42.27		TE	Ir	GS	W
									12- 8-52	47.00					
									12-15-52	45.68					
28G2	E-91j	do	1937		954	180	20	62-s-130				TE	Dm	GS	L,W
28H1	E-95a	do			968	68			11- 7-51	57.1			Un	GS,W	Wp
28K1	E-91a	RHWCo, Delta, 4	1929		947	494	20-8	1-s-240, 324-s-380	3- 5-51	40.76		TI	Ir	GS,W	C,L
28K2	E-91c	do, do, 4a	1926		947	185	20		3- 5-51	37.46			Un		L,Wp
28L1	E-91 E-91f	do, do, 3	1926	s	941			34-s-166				TI	Ir	GS	C,Wpd
28M1		Indian Knoll Dairy			935							TE	Ir	GS	
28N1	E-88d	Vista Grande Water Co.		s	927								D	GS	W
28N2		RHWCo	1951		927	80	20						D	GS	
28N3	E-91e	do			934	253	12						D	GS	Wpd
28N4	E-91d	do			933								D	GS	Wpd
28N5		do	1952		927	701	20	40-701	4-19-52	16.89			Ir	GS	L

Well numbers		Owner or user and user's well number	Year completed		Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other								Date	Depth (feet)					
1S/4-28R1		Indian Knoll Dairy	1951		995		12		4-20-52	17.25				GS	L
28R2	E-92a	do		s	992	100	7		9-11-51	dry			Un	GS	Wpd
29C1	E-80e	G. W. Barrett		s	952								D	GS	W
29E1	E-80b	Reese		s	938		7						D	GS	Wpd
29E2	E-80d	R. J. Belands		s	931								D	GS	Wpd
29H1	E-87b	RWCo, flume, 2	1928		929	530	20	68-s-220	2-16-50	10.7		TE	Ir	GS,W	C,L,Wp
									3-16-51	31.00					
29H2	E-87	do , do , 1	1925	s	934	189	20	43-s-169	3-10-50	13.13		TE	Ir	GS,W	C,L,Wp
									3-16-51	30.00					
29H3	E-87d	SCECo			946	214	10	104-s-160	2-16-50	35.95		TE	In	GS	L,W
29M1	E-80a	Southern California Gas Co.	1915		925	127	12						Un	GS	L,W
29M2	E-81e	AUWCo, test well		s	922	56	10						D	W	Wp
29M3	E-80c	R. J. Belands		s	933		8						D	GS	Wpd
29M4	E-80g	Southern California Gas Co.	1922		920	197		80-180					Un		L
29Q1	E-80	RWCo, flume, 5	1927	s	915	327	20	78-300	3-10-50	9.61		TE	Ir	GS,W	C,L,Wp
									3-16-51	35.80					
									4-19-51	10.56					
									11- 5-51	69.46					
29Q2	E-81k	do		s	915								D	GS	W
29Q3	E-87c	do, flume, 4	1927	s	920	362	20	100-s-358	2- 8-50	9.95		TE	Ir	GS,W	C,L,Wp
									3-16-51	36.00					
									4-19-51	10.64					
									11- 5-51	74.75					

Well numbers		Owner or user and user's well number	Year completed	Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other							Date	Depth (feet)					
1S/4-29R1	E-87a	RWCo, flume, 3	1927 s	923	403	20	100-s-354	3-10-50	12.1		TE	Ir	GS,W	C,L,Wp
								3-16-51	35.80					
								4-19-51	11.63					
								11- 5-51	72.82					
	30D1	E-71a	CPCCo, 2		981	80					TE	In	GS	
	30D2	E-71b	do		983	150	10					Un	GS	
	30D3		do , 4	1937	987	396	10				TE	In	GS	L
	30D4		do		981	300	12				TE	In	GS	L
	30D5		do		981	77	12	1-24-50	dry			Un	GS	
	30G1	E-72a	do	s	930		10					D	GS	Wpd
	30J1	E-75c	Coello		915	38	10	12-29-49	dry			Un	GS	Wpd
	30J2	E-75a	Paul		920		7				TE	Dm	GS	
	30J3	E-75	Soares	s	918	63	8	12-29-49	44.21		LW	Dm	GS	Wp
								3- 2-51	40.6					
	30J4	E-75b	James Amie		923			12-30-49	40.76		TE	Ir	GS	W
	30K1	E-75f	Johnson		913	144	36	12-29-49	36.9		TE	Ir	GS	L
	30K2	E-75d	San Salvador School	s	913		10					D	GS	Wpd
	30L1	E-72d	C. L. McManus		905	110	8	3-19-51	27.48		TE	Dm	GS	Wp
	30L2	E-75g	E. Salazar	1940	895	127	8	116-127				D		L
	30L3	E-72b	M. S. Soares, test well		897	50	10					D	GS	Wpd
	30P1	E-72	do	1929	887	192	12				TI	Ir	GS	L
	30Q1	E-75e	do		900							D	GS	W
	31A1	E-76h	Concrete Conduit Co.	s	904	30	7				TE	Dm	GS	W

Well numbers		Owner or user and user's well number	Year completed		Altitude (ft.)	Depth (feet)	Diameter (in.)	Perforated interval (feet)	Water level		Temp °F	Type pump and power	Use	Field data	Other data available
Geological Survey	Other								Date	Depth (feet)					
1S/4-31B1	E-72c	M. G. Soares	1912		886	298							D		L
31H1	E-76f	La Sierra Water Co.		s	900	70							D	GS	Wpd
31H2	E-76e	do, 3	1910	s	904	240		40-230					D	GS	C,L,Wpd
31J1	E-77a	Rosedale Water Co.	1903		950	150	10	66-s-150	12-30-49	86.60		TE	Ps	GS	L,Wpd
32B1		350IWCo, 5			913							TE		GS	
32D1	E-76	AUWCo, test, 1			906	75	10						D	GS	Wpd
32D2	E-76i	GCCo			902		10						D	GS	W
32D3	E-76j	RWCo	1903		902	106							D	GS	L
32D4	E-81n	Sanchez		s	905	80	8					TI	Ir	GS	W
32D5	E-81m	Bradley and Dodson		s	908								D		W
32D6	E-81	AUWCo, test, 2	1907		905				12-30-49	29.68			Un	GS	Wpd
32E1	E-76a	La Sierra Water Co., 1	1924		903	194	16	50-191	3-10-50	8.52			Un	GS	C,L
32E2	E-76b	do, 6	1926	s	903	200	16					TI	Ir	GS	C,L,W
32E3	E-76c	do, 2	1926	s	903	170	16					TI	Ir	GS	C,L,W
32E4	E-76g	do		s	903	100							D	GS	Wpd
32E5	E-76d	do, 5	1924		906	191	16		3- 5-51	33.37		TI	Ir	GS	L
32E6	E-81a	do, 4	1920		908	209	16		3- 5-51	31.51		TE	Ir	GS	L
32E7	E-81b	do, 7	1929		908	363	20		3- 5-51	32.1		TI	Ir	GS	C,L
32F1	E-81h	AUWCo			910								D	GS	Wpd
32F2	E-81g	do, test, 6			914	75	10						D	GS	Wpd
32F3	E-81f	do, do , 5	1910		913	84	8						D	GS	Wpd
32F4	E-81e	do, do , 4	1907		913		10						D	GS	Wpd
32G1	E-81t	350IWCo, 6	1930		912	162	16					TE	Ir	GS	L
32G2	E-81u	do, 1			910	112	16		3- 5-51	35.80		TE	Ir	GS	

Table 2A

(1)	(2)
E- 45h	1N/4-36F3
45i	1N/3-30N1
45j	1N/4-36G3
45k	1N/4-25N2
45L	1N/4-36E1
45m	1N/4-25P1
45n	1N/4-36H3
45o	1N/4-25P2
45q	1N/4-25Q1
45r	1N/3-30P1
45r	1N/3-31D1
45s	1N/4-36G1
45t	1N/4-36H4
45u	1N/4-36K2
45v	1N/4-36B4
45w	1N/4-36L1
46	1S/4- 1D1
46a	1S/4- 2A4
46b	1S/4- 1B6
46c	1N/4-36Q2
46d	1N/4-36H5
46e	1N/3-31N2
46f	1N/3-31P1
46g	1S/4- 1A6
46h	1N/4-36G2

(1)	(2)
E- 46i	1N/4-36R2
46j	1N/4-36Q1
46k	1N/4-36H2
46L	1N/4-36R1
46m	1N/4-25L2
46n	1N/3-31N1
46p	1N/4-36H1
46q	1N/3-31N3
46r	1N/4-36F5
46t	1S/4-1A10
46v	1N/4-36L2
47	1S/4- 1L1
47a	1S/4- 1B4
47aa	1S/4- 1J3
47b	1S/4- 1F2
47c	1S/4-12B3
47d	1S/4- 1M3
47e	1S/4- 1J5
47f	1S/4- 1J6
47g	1S/4- 1K2
47j	1S/4- 1K3
47k	1S/4- 1F1
47L	1S/4- 1B5
47m	1S/4- 1H1
47n	1S/4- 1A1

(1)	(2)
E- 47o	1S/4- 1M5
47p1	1S/4- 1B1
47p2	1S/4- 1B2
47p3	1S/4- 1B3
47p4	1S/4- 1A7
47p5	1S/4- 1A6
47q	1N/3-31E1
47r	1S/4- 1A3
47s	1S/4- 1M1
47t	1S/3- 6E2
47v	1S/4- 1A2
47w	1S/4- 1A5
47x	1S/4- 1A4
48	1S/4-12B1
48a	1S/4-12A1
48b	1S/4-12B2
48c	1S/4- 1R1
48d	1S/4- 1P1
48f	1S/4-12C1
48h	1S/4-12B4
48i	1S/3- 7D1
48j	1S/4-12N2
48k	1S/4-12L1
48m	1S/4-12A2
48n	1S/3- 7D3

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(1)	(2)
E- 48p	1S/4-12H1
48q	1S/4- 1N1
48r	1S/4- 1R4
48s	1S/4- 1R2
48t	1S/4- 1R5
48v	1S/4- 1J7
48w	1S/4- 1K1
48y	1S/4- 1Q1
48z	1S/4- 1M2
49	1N/3-31A1
49a	1N/3-31F1
49d	1N/3-32C1
49e	1N/3-31B1
49f	1N/3-31A3
49g	1N/3-31A2
49h	1N/3-31H1
49i	1N/3-31C1
49n	1S/3- 6A4
49p	1N/3-31J1
49r	1N/3-31J2
50	1N/3-31L4
50a	1N/3-31L3
50b	1N/3-31K1
50c	1N/3-31L1
50d	1N/3-32E2

(1)	(2)
E- 50e	1N/3-31R1
50f	1S/3- 5D3
50g	1N/3-32E1
50h	1N/3-32N1
50i	1S/3- 6C3
50j	1S/3- 6C1
50k	1N/3-31L2
50L	1S/3- 5D2
50m	1N/3-31Q2
50n	1S/3- 6A1
50o	1N/4-31N4
50p	1N/3-31K2
50q	1S/3- 6B1
50r	1N/3-32N2
50s	1N/3-32M3
50t	1N/3-32M1
50w	1N/3-31Q3
50x	1N/3-31Q4
50y	1N/3-31Q1
50z	1N/3-31Q5
51	1S/3- 6H2
51a	1S/3- 6L1
51aa	1S/3- 6J3
51b	1S/3- 6J4
51bb	1S/3- 5N1

(1)	(2)
E- 51c	1S/3- 5E2
51d	1S/3- 6H1
51e	1S/3- 5P1
51f	1S/3- 6J5
51g	1S/3- 6L3
51h	1S/3- 5D1
51i	1S/3- 6M1
51j	1S/3- 6G1
51k	1S/3- 6L4
51m	1S/3- 5M3
51n	1S/3- 5F4
51o	1S/3- 5E4
51r	1S/3- 5F6
51s	1S/3- 6L5
51t	1S/3- 5F5
51u	1S/3- 5E1
51w	1S/3- 5N2
51x	1S/3- 6G2
51y	1S/3- 5M1
52	1S/3- 6Q1
52a	1S/3- 7B2
52b	1S/3- 6P1
52c	1S/3- 6P3
52d	1S/3- 6P4
52e	1S/3- 7B1

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Table 2A

(1)	(2)
E- 52f	1S/3- 7A4
52g	1S/3- 7A2
52h	1S/3- 7A1
52i	1S/3- 6R1
52j	1S/3- 7C3
52k	1S/3- 7C2
52m	1S/3- 6R2
52n	1S/3- 5M3
52p	1S/3- 6P5
52q	1S/3- 7C1
52r	1S/3- 6P2
52s	1S/3- 6P7
52u	1S/3- 6P9
52v	1S/3- 6P6
52w) 52y)	1S/3- oP8
53	1N/3-30H1
53a	1N/3-29M1
53aa	1N/3-30J1
53b	1N/4-36K1
53bb	1N/3-19R1
53c	1N/3-32N4
53d	1N/3-31Q6
53g	1N/3-32N5
53h	1N/3-32N3
53j	1N/3-31M1

(1)	(2)
E- 53n	1S/3- 6C2
53o	1N/3-29H1
53p	1N/3-30J2
53r	1N/3-31R2
53s	1S/3- 7F1
53t	1S/3- 6F1
53u	1S/3- 6M2
53w	1S/3- 6A3
53x	1S/3- 6J2
53y	1S/3- 6B2
54	1N/3-33F1
54a	1N/3-32B1
54b	1N/3-33C1
54c	1N/3-29R1
54e	1N/3-28P1
54f	1S/4- 1R3
54g	1S/3- 6Q3
54h	1S/3- 5E5
54r	1S/3- 5E3
55	1N/3-32K1
55a	1S/3- 5C1
55b	1S/3- 4B1
55c	1N/3-32J1
55d	1N/3-33N2
55e	1S/3- 5B2

(1)	(2)
E- 55f	1N/3-32M2
55g	1N/3-32P1
55h	1N/3-32Q1
55j	1S/3- 3J1
55L	1N/3-33M1
55m	1S/3- 4C1
55n	1S/3- 5H1
56	1S/3- 5F1
56a	1S/3- 5F2
56b	1S/3- 5H2
56c	1S/3- 5B1
56d	1S/3- 5C2
56e	1S/3- 5J1
56f	1S/3- 4M1
56g	1S/3- 5J2
56h	1S/3- 5H3
56i	1S/3- 4E1
56j	1S/3- 5L1
56n	1S/3- 5F3
56r	1S/3- 6J1
56s	1S/3- 5A1
56t	1S/3- 4P1
56u	1S/3- 5E3
56v	1S/3- 5K1
56w	1S/3- 4G1

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Table 24

(1)	(2)	(1)	(2)	(1)	(2)
E- 56x	1S/3- 5R2	E- 58f	1N/3-27N4	E- 59m	1S/3- 4J1
56y	1S/3- 5R5	58g	1N/3-28R1	59n	1S/3- 3D2
57	1S/3- 4Q1	58h	1N/3-34B1	59q	1S/3- 3F3
57a	1S/3- 8A1	58i	1N/3-33R1	60	1S/3- 2B1
57b	1S/3- 5R4	58j	1S/3- 3D1	60a	1N/3-33M2
57c	1S/3- 3P2	58k	1N/3-34M1	60b	1N/3-34H1
57d	1S/3- 5R1	58m	1N/3-27Q1	60c	1N/3-34H5
57f	1S/3- 5R3	58n	1N/3-34C2	60d	1N/3-34H2
57h	1S/3- 5Q1	58o	1N/3-34C1	60e	1N/3-34H3
57j	1S/3- 8C1	58p	1N/3-34G1	60f	1N/3-26N1
57k	1S/3- 6A2	58q	1N/3-27N2	60g	1N/3-35K1
57L	1S/3- 6D2	58r	1S/3- 4A1	60h	1N/3-34H4
57n	1S/3- 6E3	58s	1N/3-28R1	60j	1N/3-34H6
57o	1S/3- 6F2	58t	1N/3-27N3	61a	1S/3- 2P3
57q	1S/3- 7A3	58u	1N/3-34G2	61b	1S/3- 2N1
57r	1S/4- 1H2	59	1S/3- 4R1	61c	1S/3- 2P1
57u	1N/3-31Q7	59a	1S/3- 3M1	61d	1S/3- 2J1
57x	1S/3- 6D1	59b	1S/3- 3P2	61e	1S/3- 2P1
57y	1S/3- 9E1	59c	1S/3- 3Q2	61f	1S/3- 2P2
58	1N/3-34D1	59d	1S/3- 3Q1	62a	1S/3- 1H1
58a	1N/3-27N5	59e	1S/3- 3F2	63	1S/2- 6M1
58b	1N/3-27N1	59f	1S/3- 3N2	63a	1S/2- 6E1
58c	1N/3-27N6	59g	1S/3- 3P1	63b	1S/2- 7B1
58d	1N/3-34M2	59h	1S/3- 3F1	64	1S/2- 8B1
58e	1N/3-34Q1	59k	1S/3- 3P3	64a	1S/2- 8C2

Unpublished records, subject to revision

Table 24

(1)	(2)
E- 64b	1S/2- 8C1
65	1S/2- 9L1
67	2s/5- 1M2
67a	2s/5- 2Q1
67b	2s/5- 1B1
67c	2S/5- 1G1
67d	2S/5- 1J1
67e	2S/5- 1L1
67f	2S/5- 1H1
67g	1S/5-36Q1
67h	2S/5- 1M1
68a	2S/5-12D1
68h	2S/5-12D2
69a	2S/5-12A1
70	1S/4-18B1
70a	1S/4-18E1
70b	1S/4-17N1
70c	1S/4-18B2
70d	1S/4-17M1
70e	1S/4-18K1
70f	1S/4-18N1
70g	1S/4-18G1
71	1S/5-25A1
71a	1S/4-30D1
71b	1S/4-30D2

(1)	(2)
E- 71c	1S/4-19A1
72	1S/4-30P1
72a	1S/4-30G1
72b	1S/4-30L3
72c	1S/4-31B1
72d	1S/4-30L1
72e	1S/5-25R1
74d	2S/4- 7L1
74e	2S/4- 7M1
74g	2S/4- 5D4
75	1S/4-30J3
75a	1S/4-30J2
75b	1S/4-30J4
75c	1S/4-30J1
75d	1S/4-30K2
75e	1S/4-30Q1
75f	1S/4-30K1
75g	1S/4-30L2
76	1S/4-32D1
76a	1S/4-32E1
76b	1S/4-32E2
76c	1S/4-32E3
76d	1S/4-32E5
76e	1S/4-31H2
76f	1S/4-31H1

(1)	(2)
E- 76g	1S/4-32E4
76h	1S/4-31A1
76i	1S/4-32D2
76j	1S/4-32D3
77	2S/4- 5D2
77a	1S/4-31J1
77b	2S/4- 6A2
77c	2S/4- 5D1
77d	2S/4- 6H1
77e	2S/4- 6R1
77f	2S/4- 6Q1
77g	2S/4- 6K1
77h	2S/4- 6J2
77i	2S/4- 6J1
77j	2S/4- 5D3
78	1S/4- 8F8
78a	1S/4- 8L1
78b	1S/4- 8K1
78c	1S/4- 8F9
78d	1S/4- 8F7
78e	1S/4- 8F9
78g	1S/4- 8K9
78h	1S/4- 8K3
78i	1S/4- 8K4

Unpublished records, subject to revision

(1)	(2)
E- 78j	1S/4- 8K5
78k	1S/4- 8K2
78L	1S/4- 8K6
78m	1S/4- 8H4
78n-1	1S/4- 8K7
78n-2	1S/4- 8K8
79	1S/4-20K1
79a	1S/4-18G1
80	1S/4-29Q1
80a	1S/4-29H1
80b	1S/4-29E1
80c	1S/4-29E3
80d	1S/4-29E2
80e	1S/4-29C1
80g	1S/4-29M4
81	1S/4-32D6
81a	1S/4-32E6
81b	1S/4-32E7
81e	1S/4-32F4
81f	1S/4-32F3
81g	1S/4-32F2
81h	1S/4-32F1
81k	1S/4-29Q2
81m	1S/4-32D5
81n	1S/4-32D4

(1)	(2)
E- 81s	1S/4-29M2
81t	1S/4-32G1
81u	1S/4-32G2
82	2S/4- 5C1
82a	1S/4-32Q1
83	2S/4- 5F1
83a	2S/4- 5F2
83b	2S/4- 5K1
83c	2S/4- 5P1
84	2S/4- 8N1
84a	2S/4- 8F1
85	1S/4- 9N2
85a	1S/4- 8Q2
85b	1S/4- 8J1
85c	1S/4- 9N1
85d	1S/4-16D1
85e	1S/4- 8H2
85f	1S/4- 8H3
85g	1S/4- 9N3
85h	1S/4- 9N4
85i	1S/4- 8R1
85j	1S/4- 9N5
85k	1S/4- 8Q1
85L	1S/4- 8Q3
85m	1S/4- 8R2
85n	1S/4- 8R3

(1)	(2)
E- 85o	1S/4-16C2
85p	1S/4-16D2
85q	1S/4-16D3
85r	1S/4-16D4
85s	1S/4- 9N6
85t	1S/4- 9P1
85v	1S/4- 9E1
85w	1S/4- 8R4
85x	1S/4- 8R5
86	1S/4-21E1
86a	1S/4-20R2
86b	1S/4-21E2
86c	1S/4-21M1
86d	1S/4-21M3
86e	1S/4-20R1
86f	1S/4-21M4
87	1S/4-29H2
87a	1S/4-29R1
87b	1S/4-29H1
87c	1S/4-29Q3
87d	1S/4-29H3
88	1S/4-32H2
88b	1S/4-33D1
88c	1S/4-33D2
88d	1S/4-28N1

Unpublished records, subject to revision

Table 2A

(1)	(2)	(1)	(2)	(1)	(2)
E- 88e	1S/4-33D3	E- 89r	1S/4-16B6	E- 91	1S/4-28L1
88f	1S/4-33D4	89t	1S/4-16L3	91a	1S/4-28K1
88h	1S/4-32G4	89w	1S/4-16B4	91c	1S/4-28K2
88k	1S/4-16B1	89x	1S/4-16Q1	91d	1S/4-28N4
88L	1S/4-16G3	89y	1S/4- 9J3	91e	1S/4-28N3
88m	1S/4-16G5	89z	1S/4-16B9	91f	1S/4-28L1
88n	1S/4- 9L1	90	1S/4-28A1	91g	1S/4- 5E3
88t	1S/4-32H1	90a	1S/4-21C1	91h	1S/4- 5E4
88w	1S/4- 9J1	90b	1S/4-21K1	91i	1S/4-28G1
89	1S/4-16B5	90c	1S/4-21L2	91j	1S/4-28G2
89a	1S/4-16C1	90d	1S/4-21M5	92	1S/4-33B4
89b	1S/4-16L1	90e	1S/4-21Q3	92a	1S/4-28R2
89c	1S/4-16L2	90f	1S/4-21P1	92b	1S/4-33B3
89d	1S/4-16Q2	90g	1S/4-21Q1	92d	1S/4-33B2
89e	1S/4- 9K1	90h	1S/4-21N1	92e	1S/4-10N1
89f	1S/4-16A1	90i	1S/4-21K3	92f	1S/4-10P1
89h	1S/4-16P2	90j	1S/4-21K4	92g	1S/4-10N2
89i	1S/4-16P1	90k	1S/4-21P2	92h	1S/4-10N4
89j	1S/4-16G1	90m	1S/4-21Q2	92i	1S/4-10N5
89k	1S/4-16G2	90n	1S/4-21L1	92n	1S/4-10J1
89L	1S/4-16P3	90p	1S/4-21K2	92p	1S/4-10L2
89m	1S/4-16A2	90q	1S/4-21J1	92r	1S/4-10L1
89n	1S/4-16B8	90r	1S/4-21R1	92v	1S/4-10G1
89p	1S/4-16B3	90u	1S/4-21D1	92w	1S/4-12M3
89q	1S/4-16B2	90w	1S/4-28C1	92x	1S/4-10J5

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Table 2A

(1)	(2)
E- 93	1S/4-15A1
93a	1S/4-10N3
93aa	1S/4-10E1
93b	1S/4-10N8
93bb	1S/4-15N4
93c	1S/4-15C3
93d	1S/4-15M2
93e	1S/4-10J3
93f	1S/4-15C1
93g	1S/4-10R1
93h	1S/4-10J6
93i	1S/4-15E2
93j	1S/4-16H3
93k1	1S/4-16J1
93k2	1S/4-15M1
93k3	1S/4-16J2
93k4	1S/4-16J3
93k5	1S/4-16J4
93m	1S/4-10R2
93n	1S/4-10J4
93o	1S/4-15F4
93p	1S/4-15L1
93q	1S/4- 9J2
93r	1S/4-10N6
93s	1S/4-10M1

(1)	(2)
E- 93t	1S/4-15H1
93u	1S/4-10N7
93v	1S/4- 9J4
93w	1S/4-15D1
93x	1S/4-15D2
93y	1S/4-15N2
93z	1S/4-15N3
94	1S/4-22M6
94a	1S/4-21A1
94aa	1S/4-21J1
94b	1S/4-22A1
94c	1S/4-22B2
94d	1S/4-22G1
94e	1S/4-22B4
94f	1S/4-27A12
94g	1S/4-27B1
94h	1S/4-27A11
94i	1S/4-27A7
94j	1S/4-27A8
94k	1S/4-22L5
94L	1S/4-27B2
94m	1S/4-22P1
94n1	1S/4-22M1
94n2	1S/4-22M2
94n3	1S/4-22M3

(1)	(2)
E- 94n4	1S/4-22M4
94n5	1S/4-22L1
94n6	1S/4-22L2
94n7	1S/4-22L3
94n8	1S/4-22L4
94o	1S/4-22L6
94p1	1S/4-22G2
94p2	1S/4-22G3
94p3	1S/4-22B1
94p4	1S/4-22G4
94p5	1S/4-22G5
94p6	1S/4-22G6
94p7	1S/4-22G7
94p8	1S/4-22G8
94p9	1S/4-22G9
94p10	1S/4-22G10
94p11	1S/4-22G11
94p12	1S/4-22G12
94q1	1S/4-27A1
94q2	1S/4-27A2
94q3	1S/4-27A3
94q4	1S/4-27A4
94q5	1S/4-27A5
94q6	1S/4-27A11
94q7	1S/4-27A6

Unpublished records, subject to revision

Table 2A

(1)	(2)
E- 94q8	1S/4-27A7
94r	1S/4-22D2
94s	1S/4-27C3
94t	1S/4-27C2
94v	1S/4-21J2
94w	1S/4-22D3
94x	1S/4-22A2
94y	1S/4-22G14
95	1S/4-27H1
95a	1S/4-28H1
95b	1S/4-27A19
95c	1S/4-27A13
95d	1S/4-27H1
95e	1S/4-27L2
95f2	1S/4-27H2
95f3	1S/4-27H3
95f4	1S/4-27A20
95f5	1S/4-27H5
95f6	1S/4-27H6
95f7	1S/4-27A14
95f8	1S/4-27A15
95f10	1S/4-27D6
95f12	1S/4-27A16
95f13	1S/4-27A17

(1)	(2)
E- 95f14	1S/4-27A18
95g	1S/4-27H2
95h	1S/4-22M5
95j	1S/4-16J5
95L	1S/4-27B3
95m	1S/4-27H8
95n	1S/4-27H9
95o	1S/4-27B4
95p	1S/4-16J8
95r	1S/4-26D2
95s	1S/4-27B5
95t	1S/4-22E1
95w	1S/4-27H4
95x	1S/4-15N1
95y	1S/4-27C1
95z	1S/4-13D3
96a	1S/4-15F1
96b	1S/4-15G1
96c	1S/4-15L2
96d	1S/4-10P3
96e	1S/4-15K1
96f	1S/4-22G15
96g	1S/4-22Q1
96h	1S/4-27H7
96i	1S/4-27L1

(1)	(2)
E- 96m	1S/4-15A2
96p	1S/4-15H2
96q	1S/4-15R2
96s	1S/4-15E1
96t	1S/4-10Q1
96u	1S/4-10R3
97	1S/4-13E1
97a	1S/4-14F3
97b	1S/4-12N1
97c	1S/4-11R1
97d	1S/4-13D4
97e	1S/4-13D5
97f	1S/4-13M1
97g	1S/4-11R2
97h	1S/4-11Q1
97i	1S/4-14A1
97j	1S/4-14C4
97k	1S/4-28A2
97k	1S/4-11K1
97L	1S/4-13E2
97m	1S/4-14F2
97n	1S/4-14C2
97o	1S/4-11E1
97p	1S/4-11F2

Unpublished records, subject to revision

(1)	(2)
E- 97q	1S/4-14C3
97r	1S/4-14E3
97s	1S/4-12N2
97t	1S/4-11E9
97u	1S/4-14Q2
97v	1S/4-14N2
97x	1S/4-14P1
97y	1S/4-14M1
98	1S/4-22R1
98a	1S/4-14P2
98aa	1S/4-24M1
98b	1S/4-22M4
98c	1S/4-22H1
98d	1S/4-15R1
98e	1S/4-23C2
98f	1S/4-14P2
98g	1S/4-14P4
98h	1S/4-23P2
98i	1S/4-23R1
98k	1S/4-23Q2
98L	1S/4-23R2
98m	1S/4-26D1
98n	1S/4-26C1
98o	1S/4-23H2
98p	1S/4-13M1

(1)	(2)
E- 98q	1S/4-23G1
98r	1S/4-23A4
98s	1S/4-23K2
98t	1S/4-23R3
98u	1S/4-23Q3
98v	1S/4-26A1
98w	1S/4-23R4
98x	1S/4-23D4
98y	1S/4-23C1
98z	1S/4-23K3
99	1S/4-26F1
99a	1S/4-26F2
99c	1S/4-26D3
99d	1S/4-23Q1
99e	1S/4-23M1
99f	1S/4-15R3
99L	1S/4-23D5
99m	1S/4-26E3
99o	1S/4-13E2
99r	1S/4-13E3
99s	1S/4-13D6
99t	1S/4-11Q2
99v	1S/4-14A2
99w	1S/4-22R2
99x	1S/4-14M2

(1)	(2)
E- 99z	1S/4-22A3
100a	1S/4-14J2
100c	1S/4-26D4
100f	1S/4-14E4
100g	1S/4-13F3
100i	1S/4-14M3
100k	1S/4-13D2
100p	1S/4-13C1
100s	1S/4-15A3
100v	1S/4-14E2
100x	1S/4-11Q3
100y	1S/4-12P4
100z	1S/4-24J1
101	1S/4-12P1
101a	1S/4-13B4
101aa	1S/4-13F1
101b	1S/4-13M2
101c	1S/4-13F2
101d	1S/4-13E4
101e	1S/4-13A2
101f	1S/3- 7N2
101g	1S/3- 7D2
101h	1S/4-13P1
101i	1S/4-13Q1
101j	1S/3-18D1

Unpublished records,
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Table 2A

(1)	(2)
E- 101k	1S/4-13J1
101L	1S/4-13B2
101m	1S/4-12P3
101n	1S/4-12P2
101p	1S/4-12M5
101r	1S/4-13B3
101u	1S/4-13A1
101v	1S/4-12N3
101w	1S/4-13D8
102	1S/4-25A2
102a	1S/4-24J3
102aa	1S/3-19N1
102b	1S/3-30D3
102c	1S/4-24R3
102d	1S/4-24F5
102e	1S/4-24E1
102f	1S/4-24F1
102g	1S/4-24F4
102g	1S/4-24F3
102h	1S/4-13P2
102i	1S/4-24F2
102j	1S/4-25B1
102k	1S/4-24J2
102L	1S/4-24P1
102m	1S/4-25H4
E- 102n	1S/3-19M1
102o	1S/4-26Q1
102p	1S/4-25C1
102q	1S/4-13R1
102r	1S/4-24R2
102s	1S/4-24F1
102v	1S/4-24R1
103	1S/4-25H2
103a	1S/4-25L1
103b	1S/4-25K1
103c	1S/4-25E1
103d	1S/4-25P1
103e	1S/4-25H3
103f	1S/4-25M1
103g	1S/4-25H1
103j	1S/3-30D2
103k	1S/4-25G1
103m	1S/4-25B2
103n	1S/4-25B2
103o	1S/4-25E4
103p	1S/4-25E3
103q	1S/4-24L1
103r	1S/4-24L2
103t	1S/3-30D1
103u	1S/4-26J1
E- 103w	1S/4-24Q2
103y	1S/4-24Q1
103z	1S/3-30M1
104	1S/4-36J1
104b	1S/4-24H1
104c	1S/4-25C2
104f	1S/4-13D7
104o	1S/4-25P1
104s	1S/3- 7N1
104t	1S/3-19M3
104v	1S/4-24P2
104y	1S/4-25B4
104z	1S/4-25C3
105a	1S/3- 7P3
105b	1S/3-18A1
105c	1S/3- 7J2
105d	1S/3-18L1
105e	1S/3-18H1
105f	1S/3- 7J1
105g	1S/3- 7Q1
105j	1S/3- 7P1
105k	1S/3- 7L1
105L	1S/3-30P1
105m	1S/4-12M4
105n	1S/3-31N1

Unpublished records, subject to revision

Table 24

(1)	(2)	(1)	(2)	(1)	(2)
E- 105o	1S/3-19M2	E- 106m	1S/3-30B2	E- 107o	1S/3-31E1
105p	1S/3-20P3	106p	1S/3-30C1	107p	1S/3-31A4
105q	1S/4-25A1	106q	1S/3-29B5	107q	1S/3-31A3
105r	1S/4-25B3	106r	1S/3-19J5	107r	1S/3-30Q2
105s	1S/3- 7P2	106s	1S/3-30B1	107s	1S/3-30Q5
105t	1S/4-25K2	106u	1S/3-30R2	107t	1S/3-31A2
105u	1S/3-30Q3	106v	1S/3-30K1	107x	1S/3-30K3
105v	1S/3-31C1	106x	1S/3-31B2	107y	1S/3-29N3
105w	1S/4-13A3	106y	1S/3-30A3	108a	2S/3- 5L1
105x	1S/4-13B1	106z	1S/3-30K2	108k	1S/4-16J7
105y	1S/4-14K1	107	1S/3-30Q4	108m	1S/4-15F2
105z	1S/4-14G1	107a	1S/3-29F1	108o	1S/3-29H2
106	1S/3-30A2	107b	1S/3-32D1	108p	1S/4-16H2
106a	1S/3-19G4	107c	1S/3-32D3	108r	1S/4-15K2
106b	1S/3-20P2	107d	1S/3-32C1	108v	1S/4-26C2
106c	1S/3-30A1	107e	1S/3-30R1	108x	1S/3-31R1
106d	1S/3-19R1	107f	1S/3-29N1	109	1S/3-17C1
106e	1S/3-19G3	107g	1S/3-30L1	109a	1S/3-17H2
106f	1S/3-19G1	107h	1S/3-29M2	109aa	1S/3-31K1
106g	1S/3-19Q1	107i	1S/3-29L1	109b	1S/3-16L1
106h	1S/3-19J3	107j	1S/3-29N2	109c	1S/3-16F1
106i	1S/3-19L1	107k	1S/3-31H1	109d	1S/3-16F2
106j	1S/3-19G2	107L	1S/3-30P2	109e	1S/3-17L1
106k	1S/3-29D2	107m	1S/3-30Q1	109f	1S/3-17C2
106L	1S/3-19J2	107n	1S/3-32C3	109g	1S/3-21E4

Unpublished records, subject to revision

Table 2.

(1)	(2)
E- 109h	1S/3-16L2
109i	1S/3-17H1
109j	1S/3-16M1
109k	1S/3-17G1
109L	1S/3-17H3
109n	1S/3-16L4
109o	1S/3-21C1
109p	1S/3-16K2
109q	1S/3-16F3
109r	1S/3-16F4
109t	1S/3-31F1
109u	1S/3-21L1
109w	1S/3-17K1
109x	1S/3-21D1
109y	1S/3-21L2
109z	1S/3-16L1
110	1S/3-20B1
110aa	1S/3-21E2
110b	1S/3-21F1
110c	1S/3-20H1
110d	1S/3-17R1
110e	1S/3-21E3
110f	1S/3-21M1
110g	1S/3-21E6
110h	1S/3-21E1
E- 110i	1S/3-20C2
110j	1S/3-20K1
110k	1S/3-20R2
110L	1S/3-21P2
110m	1S/3-28D1
110n	1S/3-20A1
110o	1S/3-29A1
110p	1S/3-20F1
110q	1S/3-21M2
110r	1S/3-21G1
110s	1S/3-28C1
110t	1S/3-20P1
110u	1S/3-20C1
110v	1S/3-20K2
110w	1S/3-29E2
110x	1S/3-21E5
110y	1S/3-20H3
110z	1S/3-20P4
111	1S/3-32G2
111a	1S/3-29K1
111aa	1S/3-21P1
111b	1S/3-32H1
111bb	1S/3-29J1
111c	1S/3-32J3
111cc	1S/3-20R1
E- 111d	1S/3-32C2
111e	1S/3-32B1
111f	1S/3-32G4
111g	1S/3-32G1
111h	1S/3-28E1
111i	1S/3-29J2
111j	1S/3-32A1
111k	1S/3-33C1
111L	1S/3-28P1
111m	1S/3-28L1
111n	1S/3-28M1
111o	1S/3-29H1
111p	1S/3-32K1
111q	1S/3-29G1
111r	1S/3-29K2
111s	1S/3-32J1
111t	1S/3-29H3
111u	1S/3-28E2
111v	1S/3-28E3
111w	1S/3-28M3
111y	1S/3-21P3
112	1S/3-32Q2
112a	2S/3- 5A1
112b	2S/3- 5A2
112c	2S/3- 4L1

Unpublished records, subject to revision

Table 2A

(1)	(2)	(1)	(2)	(1)	(2)
E- 112h	2S/3- 4E1	E- 114b	1S/3-21R1	E- 116a	2S/3- 4K1
112i	1S/3-32Q1	114c	1S/3-27C1	116b	1S/3-33R1
112j	1S/3-32L1	114d	1S/3-21Q1	118	1S/3-15J1
112k	1S/3-29B4	114e	1S/3-22N1	118a	1S/3-11N1
112L	1S/3-29B1	114f	1S/3-21H3	119	1S/3-15R1
112m	1S/3-32K2	114g	1S/3-21H2	119a	1S/3-15R2
112n	1S/3-30R3	114h	1S/3-21H1	119b	1S/3-23F1
112p	1S/3-28M2	114i	1S/3-28H1	119c	1S/3-14P2
112r	1S/3-19J4	114j	1S/3-28B1	119d	1S/3-22A1
112s	1S/3-19J1	114L	1S/3-22F1	119e	1S/3-14P1
112t	1S/3-32J2	114m	1S/3-28A1	119f	1S/3-27K1
112u	1S/3-29K3	114n	1S/3-21R2	119g	1S/3-26F1
113	1S/3-16A1	114o	1S/3-21K1	120	1S/3-35B1
113a	1S/3-16J1	114p	1S/3-27F1	120a	1S/3-35M1
113b	1S/3-16K2	114r	1S/3-27E1	120b	1S/3-35M2
113c	1S/3-16A2	114s	1S/3-21R3	120c	1S/3-35G2
113d	1S/3-15M1	114t	1S/3-28A3	120d	1S/3-35G3
113e	1S/3-15M3	114u	1S/3-21H4	120e	1S/3-35G5
113f	1S/3-15N1	114v	1S/3-28A2	120f	1S/3-35B2
113g	1S/3-16K3	114w	1S/2-27L1	120g	1S/3-35G4
113h	1S/3-16K1	114x	1S/3-21A1	120h	1S/3-25H1
113i	1S/3-15M2	115	1S/3-29D1	120i	1S/3-35H5
114	1S/3-21J1	115a	1S/3-32D2	120j	1S/3-35G7
114aa	1S/3-21Q2	115b	1S/4-24J4	120k	1S/3-35H2
114a	1S/3-21A2	115c	1S/3-30D4	120L	1S/3-35H4

Unpublished records, subject to revision

Table 2A

(1)	(2)	(1)	(2)	(1)	(2)
E- 120m	1S/3-35H3	E- 123o	1S/3-24A1	E- 127h	1S/2-30B1
120n	1S/3-35G9	123p	1S/3-24P1	127i	1S/2-19Q1
120p	1S/3-35G6	123q	1S/2-18L1	127j	1S/2-21M1
120q	1S/3-35G8	123r	1S/3-24E1	127k	1S/2-21E2
120t	1S/3-35G1	123s	1S/3-14A1	127m	1S/2-16N1
120v	1S/3-35L1	123t	1S/2-18N1	127n	1S/2-21M2
120w	1S/3-35L2	123u	1S/3-13P1	127o	1S/2-19J1
120x	1S/3-27H1	123v	1S/2-18M1	127p	1S/2-16E1
120y	1S/3-27J1	123w	1S/3-24R1	127r	1S/2-29C2
120z	1S/3-34H1	124	1S/3-36M1	128	1S/2-30B3
123	1S/3-13P3	124b	1S/3-36M2	128b	1S/2-29Q1
123a	1S/3-14R1	124c	1S/2-30E1	128d	1S/2-29N1
123b	1S/3-14R2	124d	1S/2-31C1	128e	1S/2-29M1
123c	1S/3-24C1	124e	1S/3-25F1	128f	1S/2-29P1
123d	1S/3-23A2	124f	1S/3-35H6	128g	1S/2-29P2
123e	1S/2-30C1	124g	1S/3-36H1	128h	1S/2-31C1
123f	1S/2-19G1	124h	1S/2-31F1	130h	1S/4-23D2
123g	1S/2-19D1	127	1S/2-20K1	131	1S/2-21H1
123h	1S/3-25A1	127a	1S/2-19K1	131a	1S/2-21A1
123i	1S/2-19P1	127b	1S/2-18R1	131b	1S/2-21L1
123j	1S/2-19P2	127c	1S/2-20B1	131c	1S/2-21B3
123k	1S/2-19F1	127d	1S/2-29C1	131d	1S/2-15P1
123L	1S/3-23A1	127e	1S/2-20R1	131e	1S/2-22E1
123m	1S/3-13P2	127f	1S/2-21E1	131f	1S/2-16F1
123n	1S/3-24C2	127g	1S/2-30B2	131g	1S/2- 9P1

Unpublished records,
subject to revision

Table 2A

(1)	(2)
E- 131h	1S/2-15P2
131i	1S/2-21B2
131j	1S/2- 9Q1
131k	1S/2-21B4
131L	1S/2-21A2
131m	1S/2-16L1
131n	1S/2-16F2
131o	1S/2-16F3
131p	1S/2-22F1
131q	1S/2-21B1
131s	1S/2-16C1
134b	1S/2-21H2
134c	1S/2-22C1
405	1S/3-31D1
407	1S/3-31M1
410a	1S/3-21E2
410b	1S/3-29B3
411	1S/3-32G3
439g	1S/4- 2M3
439i	1S/4- 2M2
439j	1S/4- 2G1
439k	1S/4- 1M4
444	1N/4-25F3
445	1N/4-25Q2
445a	1N/4-25M1
E- 447	1S/4- 1J2
447d	1S/4- 1J1
447i	1S/4- 1H3
447g	1S/4- 1J4
448a	1S/4- 1R6
448c	1S/3- 7K1
448d	1S/3- 8M1
448e	1S/3- 8E1
448g	1S/3- 8M1
448h	1S/3- 8E1
448i	1S/3- 7K1
448k	1S/4-12C2
450c	1N/3-31R3
450g	1S/3- 6B3
451	1S/3- 5M2
452c	1S/3- 6Q2
452d	1S/3- 6P10
453	1N/4-36K3
453a	1N/3-19R2
453b	1N/3-31M2
493c	1S/4-10P2
493i	1S/4-16B7
493j	1S/4-10J2
494	1S/4-22G13
495a	1S/4-16J6
E- 495d	1S/4-16R1
495e	1S/4-34C1
495j	1S/4-27A10
495h	1S/4-27A9
496g	1S/4-26F3
497a	1S/4-13D1
497b	1S/4-11E10
497o	1S/4-12M1
498	1S/4-23Q1
498h	1S/4-23H1
498k	1S/4-23A2
498L	1S/4-23D1
499	1S/4-26D5
501c	1S/4-13N2
880	1S/4-16G4

Unpublished records, subject to revision

Table 3A.- Records of water levels in observation wells, San Bernardino area, California

(Records by the U. S. Geological Survey)

Water levels are in feet above (+) or below land-surface datum.

1N/4-31N1 (E-6n). Wilson. Depth 486 feet. Altitude 1,234 feet.

Date	Water level	Date	Water level	Date	Water level
1952		1952		1952	
Feb. 5	245.55	Mar. 2	252.23	Mar. 29	239.50
11	244.67	8	251.67	Apr. 11	244.20
18	250.22	16	251.29	May 2	245.35
23	243.10	21	245.00		

1N/4-32G2 (E-12h). Swartz. Depth 238 feet. Altitude 1,200 feet.

1950		1950		1952	
Mar. 29	97.75	Sept. 20	121.31	Feb. 5	121.61
1951		21	121.51	11	122.46
June 21	115.72	Oct. 4	121.86	18	122.46
28	116.28	11	122.2	23	122.42
July 5	116.80	18	122.44	Mar. 2	122.43
12	117.46	25	122.67	16	121.92
19	117.91	Nov. 16	123.11	21	122.30
26	118.20	23	123.00	29	122.26
Aug. 2	118.57	29	122.93	Apr. 5	122.48
16	119.46	Dec. 6	122.82	11	122.45
23	119.88	13	122.70	17	122.36
30	120.17	20	122.71	25	122.52
Sept. 6	120.46	27	122.61	May 1	122.40
13	120.82	1952		8	122.58
		Jan. 10	122.48	15	123.13

1N/4-32N1 (E-6w). City of San Bernardino, Base Line well. Depth 581 feet. Altitude 1,185 feet.

1951		1951		1952	
Oct. 4	118.4	Nov. 23	116.71	Jan. 3	113.96
11	119.21	29	116.11	10	113.59
18	118.90	Dec. 6	115.42	18	113.35
25	118.99	13	114.86	Feb. 5	112.79
Nov. 1	118.48	20	114.59	11	112.63
8	119.22	27	114.21	18	112.53
16	118.70			23	112.30

1N/4-32N1 (E-6w). Continued.

Date	Water level	Date	Water level	Date	Water level
1952		1952		1952	
Mar. 2	112.12	Apr. 5	112.30	May 8	111.81
8	111.82	11	111.42	15	115.01
16	111.54	17	111.62	22	115.89
21	111.45	25	111.56	29	116.40
29	111.68	May 1	110.90		

1N/5-15K1 (D-1182b). Fontana Union Water Company, well 10. Depth 584 feet. Altitude 1,600 feet.

1952		1952		1952	
Feb. 5	371.83	Mar. 8	371.40	Apr. 25	370.40
11	371.84	29	370.91	May 1	370.24
18	371.75	Apr. 5	370.68	8	370.11
23	371.64	11	370.65	15	369.97
Mar. 2	371.62	17	370.51		

1N/5-17K1 (D-1170b). Fontana Ranchos Water Company. Depth 325 feet. Altitude 1,850 feet.

1952		1952		1952	
Feb. 23	46.57	Apr. 11	40.16	May 8	39.53
Mar. 2	46.63	17	40.19	15	40.35
29	39.69	25	40.50	Nov. 8	49.63
Apr. 5	40.64	May 1	39.57		

1N/5-23P6 (D-1188f). Lytle Creek Water and Improvement Company, upper group well 5. Depth 330 feet. Altitude 1,444 feet.

1951		1952		1952	
Dec. 11	236.50	Mar. 8	221.29	May 29	153.48
13	236.60	16	216.10	June 5	152.45
20	236.59	21	213.28	12	152.25
1952		29	206.73	19	152.27
Jan. 18	234.89	Apr. 5	201.96	July 7	153.33
Feb. 5	234.10	May 1	173.89	17	154.08
11	233.14	8	166.07	24	154.81
18	231.47	15	159.37	31	155.44
23	229.75	22	155.34		
Mar. 2	225.18				

1N/5-26A1 (D-1189a). Lytle Creek Water and Improvement Company, lower group new 2. Depth 410 feet. Altitude 1,412 feet.

Date	Water level	Date	Water level	Date	Water level
1951		1952		1952	
Dec. 11	234.18	May 8	210.29	May 22	205.21
1952		15	207.81	29	202.80
May 2	212.18				

1S/4-6C4 (E-7c). Citizens Land and Water Company, New Raynor well 3; Rialto Mutual Water Company, operator. Depth 600 feet. Altitude 1,185 feet.

1952		1952		1952	
Feb. 5	109.04	Feb. 18	108.47	Mar. 21	105.39
11	113.39	Mar. 16	106.87	Apr. 11	104.78

1S/4-6J3 (E-7f). Citizens Land and Water Company. Depth 250 feet. Altitude 1,155 feet.

1951		1951		1951	
May 23	91.04	July 5	95.94	Aug. 9	98.48
31	89.78	12	100.02	16	96.70
June 18	93.55	19	100.19	23	97.06
21	94.18	26	97.62	30	99.73
28	95.61	Aug. 2	97.77	Oct. 25	103.33

1S/4-7C1 (E-8a and D-1098). Edmonds. Depth 570 feet. Altitude 1,200 feet.

1952		1952		1952	
Feb. 5	179.36	Mar. 16	178.49	Apr. 17	178.37
11	180.02	29	178.43	25	178.51
16	178.41	Apr. 5	178.45	May 1	178.33
23	178.51	11	178.40	8	178.46
Mar. 2	178.41				

1S/4-16G2. (E-89K). Tissetti. Depth 44 feet. Altitude 1,027 feet.

1951		1951		1952	
July 5	19.51	Oct. 4	22.53	Jan. 18	19.04
12	20.65	18	22.71	Feb. 5	18.02
19	20.23	25	22.77	11	17.55
Aug. 2	20.68	Nov. 1	22.50	16	18.07
9	20.98	8	22.40	23	17.25
16	22.55	16	22.18	Mar. 2	16.95
23	23.22	24	22.01	16	14.9
30	23.01	30	22.80	Apr. 11	15.79
Sept. 6	22.28	Dec. 21	21.60	17	15.89
20	22.34	27	20.54	25	15.76
27	22.44	1952		May 1	15.60
		Jan. 10	19.64	8	15.78

1S/4-16L3 (E-89t). Radio Station KRNO. Depth 600 feet. Altitude 1,031 feet.

Date	Water level	Date	Water level	Date	Water level
1951		1951		1952	
Apr. 13	+4.30	Sept. 13	8.96	Feb. 11	1.12
17	+4.22	20	9.58	16	0.53
26	+4.02	27	10.50	23	.14
May 3	+3.90	Oct. 4	11.15	Mar. 2	+ .78
10	+3.71	11	11.77	8	+1.31
17	+3.59	18	11.46	16	+2.06
23	+3.52	25	11.35	24	+2.49
31	+3.39	Nov. 1	11.52	29	+2.76
June 18	+0.27	8	11.77	Apr. 5	+3.12
21	.02	16	11.77	11	+3.27
28	1.02	23	11.77	17	+3.36
July 5	1.76	29	11.66	25	+3.69
12	2.62	Dec. 6	11.48	May 1	+3.85
19	2.62	13	9.76	8	+3.68
26	3.81	20	8.95	15	+3.89
Aug. 2	4.62	27	7.85	June 5	+3.09
9	5.43	1952		19	+1.49
16	6.29	Jan. 3	6.68	July 7	0.14
23	6.87	10	5.50	17	1.06
30	7.81	18	4.02		
Sept. 6	8.34	Feb. 5	1.79		

1S/4-18F1. City of Colton, well 17. Depth 903 feet. Altitude 1,100 feet.

1951		1951		1952	
Sept. 28	165.85	Sept. 3	160.21	Mar. 8	156.89
Oct. 4	163.37	6	160.06	16	156.48
11	162.32	13	159.76	24	156.23
18	162.42	20	159.59	29	156.10
25	162.02	27	159.45	Apr. 5	155.86
Nov. 1	162.69	1952		11	155.40
8	162.30	Jan. 3	159.22	17	155.31
16	161.21	10	158.86	25	155.65
23	160.90	18	158.38	May 1	154.74
26	160.47	Feb. 5	158.01	8	154.72
29	160.36	11	157.87	15	155.36
Dec. 2	160.15	16	157.53	22	157.25
3	160.14	23	157.53		
3	160.15	Mar. 2	157.19		

1S/4-21B1 (E-90u). Meeks and Daley Water Company. Depth 81 feet. Altitude 995 feet.

Date	Water level	Date	Water level	Date	Water level
1951		1951		1952	
Mar. 14	57.48	Oct. 18	72.84	Feb. 11	63.89
July 12	67.46	25	73.15	16	62.49
19	66.18	Nov. 1	73.45	23	62.10
26	66.77	8	73.61	Mar. 2	61.65
Aug. 2	67.79	16	73.87	16	60.21
9	68.49	23	74.01	21	58.95
16	68.96	30	74.10	29	57.32
23	69.51	Dec. 6	74.09	Apr. 5	56.86
30	70.02	21	73.59	11	56.30
Sept. 6	70.45	27	73.32	17	55.65
20	71.34	1952		25	55.08
27	71.73	Jan. 10	69.89	May 1	54.65
Oct. 4	72.12	18	68.28	8	54.42
11	72.51	Feb. 5	63.43		

1S/4-21M5 (E-90d). Black. Depth 57 feet. Altitude 975 feet.

1951		1951		1952	
Mar. 23	46.3	Oct. 11	52.92	Feb. 11	45.58
July 5	55.5	18	52.94	16	45.29
12	50.0	25	52.98	23	44.96
19	50.37	Nov. 1	52.74	Mar. 2	44.66
26	52.21	8	52.52	8	43.61
Aug. 2	50.82	16	52.99	16	42.55
9	51.11	25	53.59	21	43.25
16	51.48	30	53.31	29	42.75
23	51.78	Dec. 6	51.80	Apr. 5	42.41
30	51.94	21	51.78	11	42.16
Sept. 6	52.21	27	52.01	17	41.91
20	52.49	1952		25	41.60
27	52.54	Jan. 18	48.20	May 1	41.35
Oct. 4	52.80	Feb. 5	46.07	8	41.23

1S/4-27L1 (E-961). Hollow Hill Farm. Depth 420 feet. Altitude 993 feet.

1951		1952		1952	
May 28	73.05	Feb. 11	69.76	Apr. 17	61.04
Aug. 23	76.60	16	68.66	May 1	59.83
30	75.82	23	69.69	8	59.65
1952					
Feb. 5	70.95				

1S/4-28K2 (D-91c). Riverside Highland Water Company, Delta 4a. Depth 185 feet. Altitude 947 feet.

Date	Water level	Date	Water level	Date	Water level
1952		1952		1952	
Apr. 17	27.04	Apr. 25	26.14	May 15	28.38
18	26.96	May 1	25.77	22	27.76
19	26.70	8	26.81	29	30.56
20	26.37				

1S/5-2C1.(D-1085a). Lytle Creek Water and Improvement Company, Brill well. Altitude 1,347 feet.

1950		1951		1951	
Nov. 16	302,00	Mar. 1	30 .33	May 31	308.13
22	301.48	7	300.64	June 18	307.33
30	301.23	8	300.48	21	307.47
Dec. 7	301.10	15	300.46	28	307.52
14	301.13	22	300.42	July 5	308.15
21	301.19	29	300.66	12	308.97
28	301.11	Apr. 5	300.66	19	309.50
1951		12	299.57	26	309.91
Jan. 4	300.95	17	303.55	Aug. 2	310.19
11	300.82	19	303.72	9	310.67
18	300.75	26	302.47	30	311.56
Feb. 1	300.96	May 10	306.92	Sept. 6	311.54
8	300.72	17	307.84	13	312.05
16	300.52	23	308.89	27	312.27

1S/5-5A1 (D-1072b). Fontana Union Water Company. Altitude 1,406 feet.

1951		1951		1951	
Jan. 4	288.65	Jan. 4	288.15	Jan. 5	289.56
4	288.67	5	289.59	11	281.72

1S/5-6J1. Fontana Union Water Company, well 34. Depth 887 feet. Altitude 1,363 feet.

1952		1952		1952	
June 5	537.8	July 7	537.79	July 24	537.89
12	537.8	17	537.64	31	538.02

Table 4A.- Selected drillers' logs of wells in the San Bernardino area, California

1N/4-24D1 (E-44b). Del Rosa Oil and Gas Company, well 1. Altitude 1,367 feet. Casing diameter 10 inches.

Material	Thickness (feet)	Depth (feet)
Soil	46	46
Gravel	5	51
Decomposed granite wash	29	80
Sand and gravel	36	116
Decomposed red granite wash	40	156
Conglomerate	48	204
Hard formation	226	430
Red shale	30	460
Hard sandy shale	65	525
Sandyish	10	535
Sand	90	625
Hard sand, shale	165	790
Slick blue shale	35	825
Blue clay	20	845
Sticky blue shale	55	900
Blue, brown, black shale	100	1,000
Blue shale	300	1,300
Blue sandy shale	340	1,640
Coarse sand, blue and white	245	1,885
Fine sand	15	1,900
Sand	25	1,925
Sandy shale	50	1,975
Hard sand and shale	25	2,000
Coarse sand and conglomerate	35	2,035
Sandy blue shale	10	2,045
Hard blue shale	33	2,078
Sand and blue shale	70	2,148
Sand	32	2,180
Blue sandy shale	27	2,207
Fine blue sand	28	2,235
Sandy blue shale	30	2,265
Light blue shale	90	2,355
Gray sand and shale	25	2,380
Sandy shale	80	2,460

1N/5-7H1 (D-1162a). Fontana Union Water Company, well 26. Altitude 2,066 feet. Drilled by P. B. Seed in 1912. Casing diameter 6 inches. Reported yield is 990 gpm.

Materials	Thickness (feet)	Depth (feet)
Shaft		100
Cemented gravel, hard close	13	113
Free gravel, coarse, water bearing	13	126
Cement gravel	2	128
Granite bed rock, or large boulder	3	131

1N/5-17G1. Fontana Ranchos Water Company. Altitude 1,865 feet. Drilled by C. C. Scott in 1951. Casing diameter 8 inches.

Soil, top and boulders	4	4
Cement, sand and boulders	6	10
Boulders	5	15
Sand and gravel	2	17
Gravel and boulders	30	47
Cemented gravel and boulders	2	49
Boulders	3	52
Cemented gravel and rock	14	66
Rock in situ	2	68
Gravel and sand, cemented	15	83
Sand and gravel, loose	3	86
Boulders, small in clay	4	90
Sand and boulders, cemented	11	101
Boulders, cemented	4	105
Sand, cemented	5	110
Boulders, cemented	3	113
Sand and gravel, cemented	6	119
Boulders, cemented	2	121
Clay, hard, some rock	5	126
Sand and rock, loose	3	129
Gravel and rock and clay, cemented	25	154
Gravel and clay, cement	18	172
Rock, cemented	2	174
Gravel, cemented	24	198

1N/5-17K1 (D-1170b). Fontana Ranchos Water Company. Altitude 1,850 feet. Drilled by S. F. Catey in 1928. Casing diameter 20 inches, 0-318 feet. Casing perforated 176-208 and 212-224. Driller reported penetrating fault gouge.

Material	Thickness (feet)	Depth (feet)
Shaft	46	46
Cement gravel	28	74
Red clay	6	80
Cement gravel cut	40	120
Cemented boulders	6	126
Hard clay and boulders	10	136
Cemented gravel and clay	37	173
Cemented gravel	3	176
Cemented gravel and clay cut	32	208
Cemented gravel	4	212
Cemented gravel and clay cut	12	224
Cemented gravel	4	228
Cemented boulders and clay	97	325

1N/5-22F3 (D-1181d). Fontana Union Water Company, well 24. Altitude 1,573 feet. Drilled by S. F. Catey in 1912. Casing diameter 14 inches.

Shaft		90
Cemented gravel	20	110
Gravel, loose	80	190
Boulders	18	208
Gravel, clay	12	220
Gravel, cement	20	240
Gravel, coarse	40	280
Gravel, tight	20	300
Gravel, loose	20	320
Cement, tight	80	400

1N/5-26A1 (D-1189a). Lytle Creek Water and Improvement Company, lower group well 2. Altitude 1,412 feet. Drilled by J. W. Smith in 1925. Casing diameter 20 inches. Casing perforated 104-196, 206-234, 264-300, and 306-390 feet

Rocky and hard.	104	104
Water gravel	92	196
Cemented gravel and clay	10	206
Fine water gravel	28	234
Clay	6	240
Cement gravel	24	264
Water gravel	36	300
Clay	6	306
Water gravel	84	390
Boulders		410

1N/5-30L1. Overholtz Groves. Altitude 1,577 feet. Drilled by Forney and Harris in 1951. Casing diameter 20 inches, 0-642 feet. Casing perforated 321-624 feet, uncased pilot hole 642-1,200 feet.

Material	Thickness (feet)	Depth (feet)
Gravel and boulders	60	60
Gravel with trace of clay 4 in.	90	150
Yellow clay	13	163
Gravel and clay 2 in.	43	206
Red clay trace of water on top of clay	15	221
Clay coarse sand	24	245
Clay and gravel 3 in"	37	282
Clay and pea gravel	16	298
Gravel and clay	22	320
Water gravel up to 2 in.	18	338
Red clay	14	352
Gravel tight 1 in.	8	360
Red clay	10	370
Gravel tight 2 in.	18	388
Yellow clay	14	402
Gravel clay	33	435
Red clay and coarse sand	14	449
Gravel and clay 2 in.	57	506
Red clay and coarse sand	19	525
Clay with streaks of gravel 2 in.	55	580
Gravel cemented with clay 3 in.	29	609
Yellow clay	6	615
Gravel cemented 1 in.	5	620
Yellow clay hard	16	636
Ledge rock	26	662
Red clay and decomposed rock	6	668
Conglomerate	294	962
Consolidated alluvium with streaks of ledge rock	238	1,200

1N/6-14R1 (D-1151). Cherbak Bros. Altitude 1,686 feet. Drilled by D. A. Beck and Sons in 1925. Casing diameter 12 inches. Casing perforated 128-138, 200-220, 222-260 and 260-575 feet.

Shaft		138
Clay	82	220
Dry gravel	40	260
Clay	68	328
Dry gravel	49	377
Clay	7	384
Dry gravel	166	550

1N/6-14R1 (D-1151). Continued.

Material	Thickness (feet)	Depth (feet)
Water gravel	76	626
Clay	4	630
Water gravel	30	660
Clay	44	704
Gravel and boulders	50	754

1S/3-4G1 (E-56w). W. P. Grow. Altitude 1,252 feet. Drilled in 1909.

Gravel, sand and boulders	30	30
Clay; some it had a bluish cast	570	600

1S/4-6C1 (E-61). Citizens' Land and Water Company, Raynor well 2. Altitude 1,192 feet. Drilled by J. W. Smith in 1915. Casing diameter 20 inches to 200 feet, 12 inches to 4.6 feet. Casing perforated 146-185, 284-298, and 380-416 feet.

Missing (shaft?)		60
Gravel	36	96
Gravel and sand	50	146
Coarse gravel - cut	39	185
Sandy clay	83	268
Cemented gravel	16	284
Water gravel, 18' raise, cut	14	298
Gravel, fine sand and clay	18	316
Soft clay	64	380
Cemented gravel - cut	8	388
Cemented gravel and clay - cut	28	416

1S/4-8F7 (E-78d). City of Colton, well 13. Altitude 1,094 feet. Drilled by Bishop. Casing diameter 20 inches. Casing perforated 166-204, 270-384, 404-426, 432-452, and 504-628 feet.

Soil	14	14
Sand and gravel	24	18
Sand and clay	30	68
Boulders and clay	22	90
Coarse gravel and water	20	110
Water gravel	8	118
Clay mix gravel	10	128
Gravel	4	132
Clay mix with gravel	24	156
Coarse w. gravel	52	208

1S/4-8F7 (E-78d). Continued.

Material	Thickness (feet)	Depth (feet)
Clay	18	226
Gravel	2	228
Clay	12	240
Gravel mixed with clay	30	270
Loose gr. coarse	114	384
Clay	20	404
Water gravel	22	426
Water	26	452
Clay mixed with gravel	52	504
Gravel	24	528
Clay and mixed shale	22	550
Clay and some gravel	26	576
Gravel w.	6	582
Blue	38	620

1S/4-10F5 (E-29a). City of San Bernardino, Hanford well 2. Altitude 1,030 feet. Drilled in 1929. Casing diameter 16 inches to 627 feet, 12 inches to 1,212 feet, uncased hole from 1,212-1,235 feet. Casing perforated 698-778, 793-803, 819-853, 881-893, 905-933, 949-977, and 1,025-1,041 feet. Well reported to flow 1,377 gpm in 1930 with a 90° temperature. Well sealed off at 1,065 feet in 1934 to reduce temperature, flow reduced from about 990 gpm to 738 gpm, temperature decreased to 80°.

Sandy clay	28	28
Blue clay	61	89
Coarse water gravel	8	97
Blue sandy clay	17	114
Coarse water gravel	16	130
Hard blue clay	23	153
Coarse water gravel and boulders	34	187
Blue clay	13	200
Coarse water gravel	11	211
Hard blue clay	54	265
Blue clay and mud	28	293
Coarse water gravel and boulders	22	315
Hard blue clay	12	327
Coarse water gravel and boulders	16	343
Yellow clay	4	347
Blue clay	6	353
Yellow clay	2	355
Sand and gravel	14	369
Blue sticky clay	45	414

1S/4-10F5 (E-29a). Continued.

Material	Thickness (feet)	Depth (feet)
Yellow sandy clay	6	420
Fine sand with flow	13	433
Yellow sandy clay	5	438
Yellow clay	20	458
Hard red clay	27	485
Hard blue clay	40	525
Fine sand with flow	14	539
Hard blue clay	14	553
Pea gravel	8	561
Hard blue clay	11	570
Hard yellow clay	5	575
Sand and gravel with flow	10	585
Boulders with flow	22	607
Blue clay and mud	4	611
Sandy blue clay	6	617
Soft yellow clay	2	619
Fine sand with flow	4	623
Hard blue clay	22	645
Gray quicksand	35	680
Sand	15	695
Boulders - heavy flow, artesian	80	775
Yellow sandy clay	15	790
Gravel and boulders, flow	16	816
Gravel and boulders, flow	20	836
Cemented gravel	14	850
Blue clay	22	872
Yellow clay conglomerate	6	878
Boulders, flow	12	890
Blue clay	12	902
Gravel, flow	2	904
Cement boulders	26	930
Yellow clay conglomerate	16	946
Cement boulders	17	963
Sand and gravel	6	969
Boulders, flow	5	974
White cement	16	990
Fine sand	4	994
Yellow sand clay	20	1,014
Fine sand, flow	6	1,020
Sand and gravel	18	1,038
Yellow sand and clay	32	1,070
Cemented gravel	8	1,078
Fine sand	7	1,085
Boulders, heavy flow	12	1,097
Hard sand	31	1,128
Boulders and clay, no flow	22	1,150
Coarse water gravel	38	1,188
Cemented boulders and sand rock	14	1,202
Coarse water gravel and sand	6	1,208
Cemented Gravel	27	1,235

1S/4-15M2 (E-93d). Meeks and Daly Water Company, South E St. well. Altitude 980 feet. Drilled by W. A Rice in 1931. Casing diameter 20 inches. Casing perforated 24-34 and 52-572 feet.

Material	Thickness (feet)	Depth (feet)
Sand	24	24
Gravel	10	34
Blue clay	18	52
Gravel	18	70
Packed gravel - dry	22	92
Blue clay	52	144
Water gravel	8	152
Blue clay	56	208
Wood	2	210
Blue clay	6	216
Clay and gravel	20	236
Blue clay	24	260
Clay and gravel	20	280
Blue clay	30	310
Clay and gravel	12	322
Blue clay	4	326
Gravel	18	344
Blue clay	24	368
Gravel	2	370
Blue clay	50	420
Cement rock	12	432
Clay and rock	12	444
Gravel	6	450
Clay and rock	6	456
Cemented rock	6	462
Gravel	8	470
Blue clay	10	480
Clay and gravel-some water	56	536
Sandy clay	20	556
Gravel	12	568
Blue clay	24	592
Sand and clay	2	594
Blue clay (warm water)	4	598
Hard sandy blue clay	5	603

1S/4-18F1. City of Colton, well 17. Altitude 1,100 feet. Drilled by Brockman in 1951. Casing diameter 20 inches to 392 feet, 16 inches to 778 feet, open hole 788-903 feet. Casing perforated 194-778 feet, gravel-packed well.

Material	Thickness (feet)	Depth (feet)
Top soil	6	6
Sand	24	30
Sand and gravel	34	64
Sand, gravel and some boulders	226	290
Sandy clay	28	318
Boulders and clay	36	354
Sandy clay	30	384
Sand and small gravel-good water	92	476
Sandy clay	42	518
Coarse sand-good water	27	545
Sandy clay	15	560
Coarse sand-good water	18	678
Sand and gravel very good	12	690
Soft sand	40	730
Sand and gravel, very good	10	740
Hard clay and boulders	31	771
Soft sandy clay and streaks of lime sand	132	903

1S/4-18N1 (E-70f). R. A. Dean. Altitude 1,066 feet. Drilled by R. A. Dean. Casing diameter 24 inches with a 13-inch liner. Total depth reported to be 4,015 feet, plugged at 2,186 feet. Log available for only 1,240 feet. Casing not perforated.

Sand	18	18
Red hard pan	7	25
Clay with boulders and gravel	139	164
Brown clay	22	186
Water gravel, coarse	25	211
Clay	9	220
Shell	4	224
Clay	16	240
Fine water gravel	3	243
Cemented sand and gravel	25	268
Clay and sand, alternating	64	332
Brown sticky clay	20	352
Sand	9	361
Clay	2	363
Hard clay and sand	79	442
Soft pure brown clay	5	447
Hard light brown shaley sand	13	460
Brown sticky shale, soft	9	469
Light brown sandy shale	9	478
Brown shale, very sticky	7	485
Light brown, sandy shale, hard	29	487

1S/4-18N1 (E-70f). Continued.

Material	Thickness (feet)	Depth (feet)
Brown shale, soft and sticky	5	492
Brown shale, sticky	13	505
Brown clay, sticky	14	519
Light brown, sandy shale, hard	3	522
Clay	7	529
Sand	6	535
Red sticky clay	7	542
Sand and shale, hard	92	634
Brown sticky clay	93	727
Red sand	3	730
Sticky brown clay	30	760
Conglomerate, much red mica, hard	90	850
Black mica sand, hard	105	955
Hard rock, flecky fine sand	135	1,090
Water sand, very fine	10	1,100
Hard rock, gray sand	140	1,240

1S/4-20K1 (E-79). W. Delano. Altitude 979 feet. Drilled in 1913. Casing diameter 12 inches, 0-235 feet. Casing perforated 195-230 feet.

Soil	15	15
Clay and sand	180	195
Water gravel - cut	35	230
Clay	5	235

1S/4-20R1 (E-86e). Pacific Fruit Express, well 3. Altitude 967 feet. Drilled by W. A. Rice in 1924. Casing diameter 14 inches. Casing perforated 184-314 feet. Reported yield 900 gpm.

Sand and gravel	36	36
Gravel and clay mixed	24	60
Clay	2	62
Fine sand	12	74
Heavy gravel and clay	9	83
Heavy gravel	36	119
Cement	2	121
Sand and fine gravel	49	170
Hard pan	15	185
Sand and fine gravel	24	209
Hard clay	9	218

1S/4-20R1 (E-86e). Continued.

Material	Thickness (feet)	Depth (feet)
Sand and fine gravel	15	233
Clay	9	242
Sand and gravel	18	260
Clay	6	266
Sand and gravel	8	274
Clay	5	279
Gravel	14	295
Clay	5	298
Fine gravel	16	314
Clay	12	326

1S/4-20R2 (E-86a). Pacific Fruit Express, well 4. Altitude 967 feet. Casing diameter 20 inches. Reported yield 1,125 gpm.

Soil	2	2
Gravel	38	40
Clay	2	42
Gravel	18	60
Water gravel	12	72
Clay	16	88
Cement gravel	42	130
Sand	24	154
Hard pan	12	166
Sand	2	168
Cement sand	35	203
Hard pan	16	219
Cement gravel	11	230
Cement	38	268
Hard pan	32	300

1S/4-21A1 (E-94a). City of San Bernardino, Sewage Plant well. Altitude 970 feet. Drilled by Meacham in 1928. Casing diameter 10 inches. Casing perforated 135-150 feet. Reported yield 135 gpm.

Sand and gravel	23	23
Clay	24	47
Gravel	11	58
Clay	40	98
Gravel	18	116
Sediment, clay and rock	15	131
Gravel	22	153
Clay	11	164

1S/4-21A1 (E-94a). Continued.

Material	Thickness (feet)	Depth (feet)
Sand	6	170
Gravel, flow stated at 181'	21	191
Clay sediment and packed sand	6	197
Gravel flowed 6" of warm sulphur water	27	224
Sand and clay	3	227
Gravel	22	249
Sand	5	254
Fine sand and clay	18	272
Clay sediment	6	278
Gravel	14	292

1S/4-21N1 (E-90h). Meeks and Daley Water Company, well 36. Altitude 963 feet. Drilled by Roscoe Moss in 1936. Casing diameter 20 inches. Casing perforated 96-180, 283-312, 337-360, 416-435, 437-457, 552-602, 620-635, and 645-670.

Sand and gravel streaks	40	40
Sand, gravel and silt size to 10"	20	60
Gravel and silt	11	71
Silt and clay	9	80
Silt and gravel	16	96
Hard clay, some gravel	59	155
Clay and gravel	25	180
Yellow clay	103	283
Loose gravel to 4"	3	286
Gravel shows some clay	26	312
Yellow clay	25	337
Cemented clay shows some gravel	23	360
Yellow clay	50	410
Cemented gravel	22	432
Yellow clay some cement	5	437
Sand, clay and gravel up to 1½"	20	457
Yellow clay	20	477
Cemented sand and clay	38	515
Yellow clay	15	530
Gravel and clay to 1½"	12	542
Yellow clay	10	552
Clay, cement and tight gravel	50	602
Yellow clay	18	620
Cemented gravel to 1"	15	635
Yellow clay	10	645
Light cemented sand and gravel	15	660
Not logged	10	670
Yellow clay	29	689

1S/4-21Q1 (E-90g). Riverside Water Company, Johnson 3. Altitude 945 feet. Drilled by W. A. Rice in 1936. Casing diameter 24 inches, 0-565 feet. Casing perforated 249-261, 302-425, and 479-507 feet.

Material	Thickness (feet)	Depth (feet)
Sand	30	30
Gravel	75	105
Clay and gravel	35	140
Clay, yellow	6	146
Clay and gravel	31	177
Clay, yellow	6	183
Gravel	6	189
Clay, yellow	21	210
Clay and gravel	9	219
Clay, yellow	24	243
Clay and gravel	6	249
Gravel	12	261
Clay and gravel	8	269
Cement	1	270
Clay, yellow	32	302
Gravel	15	317
Clay, yellow	18	335
Gravel, cemented	7	342
Gravel	6	348
Clay and gravel	13	361
Gravel	36	397
Gravel and boulders	22	410
Gravel	11	421
Clay	2	423
Gravel	2	425
Conglomerate	5	430
Cement	12	442
Conglomerate	7	449
Cement	4	453
Conglomerate	3	456
Cement	3	459
Conglomerate	3	460
Cement	1	461
Conglomerate	8	469
Cement	4	473
Clay, yellow	6	479
Clay and gravel	18	497
Sand, cemented	10	507
Clay, yellow	25	532
Cement	15	547
Clay, blue	7	554
Cement	6	560
Clay, yellow	5	565

1S/4-27A1 (E-94q1). City of Riverside, Hunt Tract well 1. Altitude 1,016 feet. Drilled by W. G. Merrilees in 1912.

Material	Thickness (feet)	Depth (feet)
Top soil	15	15
Clay	55	70
Sand	5	75
Clay	29	104
Gravel - Water 110-138	34	138
Clay	15	153
Sand	33	186
Clay	28	214
Sand	10	224
Clay	28	252
Sand	5	257
Clay	23	280
Sand	6	286
Clay	89	375
Gravel	2	377
Clay	6	383
Gravel - Water 403-409	26	409

1S/4-27A13 (E-95c). City of Riverside, Stewart Tract well 21. Altitude 1,018 feet. Drilled by W. A. Rice in 1929. Casing diameter 20 inches. Casing perforated 115-131, 406-440, 525-539, and 675-760 feet.

Clay	115	115
Gravel	16	131
Clay	74	205
Fine gravel	18	223
Clay	183	406
Gravel	34	440
Clay	85	525
Gravel	14	539
Clay	136	675
Gravel	85	760
Conglomerate	33	793
Clay	15	808
Conglomerate	15	823
Gravel		

1S/4-28G2 (E-91i). Indian Knoll Dairy. Altitude 954 feet. Drilled by Roberts in 1937. Casing diameter 20 inches. Casing perforated 62-98, 102-110, and 124-130 feet.

Material	Thickness (feet)	Depth (feet)
Clay and sand	36	36
Hard clay	4	40
Coarse gravel	18	58
Clay	4	62
Medium gravel	4	66
Clay	2	68
Fine gravel	30	98
Hard clay	4	102
Fine gravel	8	110
Hard clay	14	124
Medium gravel	6	130
Hard clay mixed with gravel	50	180

1S/4-29H3 (E-87d). Southern California Edison Company. Altitude 946 feet. Drilled by Bahr prior to 1913. Casing diameter 10 inches. Casing perforated 104-114, 126-130, and 136-160 feet.

Gravel and sand	30	30
Gravel	14	44
Clay	10	54
Gravel	12	66
Sand	38	104
Gravel	10	114
Clay	12	126
Gravel	4	130
Clay	6	136
Gravel	24	160
Sand	34	194
Clay	20	214

1S/4-29M1 (E-80a). Southern California Gas Company. Altitude 925 feet. Drilled by H. F. Gansner in 1915. Casing diameter 12 inches.

Sandy clay	12	12
Sand	18	30
Sandy gravel	20	50
Gravel	30	80
Sand and gravel	30	110
Gravel	10	120
Boulders	7	127

1S/5-3D1 (D-1084a). Duncan. Altitude 1,202 feet. Drilled by J. W. Smith prior to 1915. Casing diameter 20 inches.

Material	Thickness (feet)	Depth (feet)
Shaft		70
Loose boulders	40	110
Cemented gravel	10	120
Loose gravel and boulders	10	130
A little water		
Yellow gravel	76	206
Yellow clay	4	210
Yellow gravel cement	86	229
Gray gravel water	4	300
Yellow clay	40	340
Dry gravel water	40	380
Gray gravel water	4	384
Sand	16	400
Gray gravel water	24	424
Yellow clay	4	428
Cemented boulders	10	438
Cemented gravel	22	460
Cemented sand	62	522
Gray gravel water	25	547
Cement gravel	37	584
"Hill"	618	1,202

1S/5-3N1. John Tudor. Altitude 1,301 feet. Drilled by E. J. Brockman in 1952. Casing diameter 12 inches, 0-540 feet. Gravel-packed well. Reported yield 675 fpm with a 15-foot drawdown.

Top soil	4	4
Coarse sand, pea-gravel	21	25
Sandy clay and gravel	40	65
Sand and gravel	75	140
Sandy clay and gravel	50	190
Clay with broken mixed rock	60	250
Sandy clay, some red clay	50	300
Sandy clay	10	310
Sand and gravel	120	430
Hard clay strata with sand between	30	460
Tight sand with loose spots	20	480
Sand and gravel with clay mixed in. Hard cement	40	520
Hard and tight (Might be weathered gone?)	20	540
Dioritic bedrock (?)		540

1S/5-7N1 (D-1062a). Fontana Union Water Company, well 21. Altitude 1,235 feet. Drilled by S. F. Catey in 1928. Casing diameter 20 inches, 0-812 feet. Casing perforated 424-660 and 680-782 feet. Reported yield 2,160 gpm in 1931.

Material	Thickness (feet)	Depth (feet)
Shaft		276
Red clay	2	278
Clay and gravel	12	290
Red sand	20	310
Red clay	8	318
Red sandy clay	30	348
Cemented gravel	36	384
Red clay	18	402
Cemented gravel	14	416
Clay mixed with sand	8	424
Coarse gravel and sand	6	430
Sandy clay	6	436
Coarse gravel	38	474
Sandy clay	8	482
Coarse gravel	10	492
Brown clay	4	496
Gravel and sand	54	550
Red clay	10	560
Fine gravelly sand	100	660
Fine cemented sand	20	680
Coarse gravel and boulders	130	810
Hard brown clay	2	812

1S/5-10M1. John Tudor, well 1. Altitude 1,253 feet. Drilled by E. J. Brockman in 1952. Uncased test hole.

Top soil	3	3
Coarse sand and gravel	22	25
Sand D. G. boulders	95	120
Clay and gravel	70	190
Sandy clay with gravel	30	220
Sand and gravel with soft clay streaks	20	240
Sandy clay with sandy gravel streaks	20	260
Loose coarse sand with small gravel. (water)	80	340
Coarse sand, gravel with small sand	60	400
Tight sand with hard brown tight sandy clay streaks	10	410
Hard rock (qtz diorite)	33	443

1S/5-12N1 (D-1095a). Citizens Land and Water Company, Acacia well. Altitude 1,173 feet. Drilled by A. N. Roberds. Casing diameter 20 inches. Casing perforated 183-187, 195-200, 211-220, 258-270, 280-409, 447-450, 520-524, 539-549, 600-613, and 623-630 feet. Reported yield 1,800 gpm in 1931 with a 20-foot drawdown.

Material	Thickness (feet)	Depth (feet)
Shaft		183
Coarse gravel	4	187
Clay	8	195
Rocky	5	200
Yellow clay	11	211
Medium gravel	9	220
Clay	8	228
Medium gravel	9	237
Red clay	8	245
Clay and sand	13	258
Medium gravel	12	270
Clay	10	280
Medium gravel	61	341
Cemented and rocky	4	345
Rocky	21	366
Fine gravel	2	368
Soft clay	4	372
Fine gravel	7	379
Fine gravel sandy	11	390
Medium gravel	19	409
Clay and sand	38	447
Medium gravel	3	450
Clay and sand	9	459
Cemented sand	13	472
Clay, hard streaks	48	520
Medium gravel	4	524
Clay and sand	15	539
Medium gravel	10	549
Hard clay	11	560
Hard, cemented sand	2	562
Hard clay	10	572
Sticky clay	28	600
Cemented fine gravel	13	613
Clay	10	623
Cemented gravel	7	630
Concrete and cement	12	642
Decomposed granite	46	688

1S/5-16C1 (D-1075a). Fontana Union Water Company, well 28. Altitude 1,227 feet. Drilled in 1928. Casing diameter 20 inches. Casing diameter 20 inched. Casing perforated 364-386, 390-398, 410-420, and 472-490 feet. Reported yield 585 gpm in 1931.

Material	Thickness (feet)	Depth (feet)
Shaft		364
Fine gravel and sand (cut)	22	386
Hard clay	4	390
Fine gravel and sand (cut)	8	398
Clay and sand	12	410
Fine sand and gravel (cut)	10	420
Sand and clay	30	450
Fine sand	10	460
Hard clay	12	472
Coarse gravel and sand (cut)	4	476
Hard clay, brown (cut)	14	490
Hard clay and granite	24	514
Granite	17	531

1S/5-19J1 (D-1064). Fontana Union Water Company, well 7. Altitude 1,107 feet. Drilled by S. F. Catey in 1924. Casing diameter 20 inches. Reported yield 1,575 gpm in 1931.

Shaft		135
Gravel	25	160
Clay	10	170
Gravel	20	190
Clay	70	260
Coarse sand	30	290
Clay	24	314
Fine sand	8	322
Clay and sand	32	354
Clay	40	394
Dirty sand	14	408
Clay	12	420
Dirty sand	34	454
Clay	21	475
Clay, cement, sand	31	506
Hard clay	58	564
Sand	8	572
Clay	48	620
Water gravel, rocky	38	658
Hard clay	6	664
Water gravel, rocky	6	670
Cement hard clay	25	695
Cement gravel	5	700
Clay	4	704
Coarse gravel	26	730
Cement gravel	31	761

1S/5-29A1 (D-1068). Citizens Land and Water Company, Slover Well 2. Altitude 1,082 feet. Drilled by C. A. Graham and Sons in 1926. Casing diameter 20 inches.

Material	Thickness (feet)	Depth (feet)
Pit		200
Dirty fine sand	62	262
Hard cement, sand and gravel	1	263
Fine sand	6	269
Yellow clay	1	270
Gravel	4	274
Yellow sandy clay, hard and soft strks	96	370
Good gravel	22	392
Yellow sandy clay	22	414
Fine sand	38	452
Hard shale, cemented clay and sand	62	514
Good gravel	2	516
Hard cement, sand and clay	20	536
Soft sandy clay	6	542
Hard cemented sand and clay	14	556
Red sandy clay	13	569
Hard cemented sand and clay	40	609
Hard cemented clay and graphite	97	706
Cemented rock	6	712
Mica with clay base	8	720
Clay and rotten granite	20	740
Hard brown shale	40	780
Hard blue shale	45	825
Lighter blue shale	20	845
Granite boulders	5	850
Brown shale	8	858
Dark blue clay	45	903
Limestone	18	921

Table 5A.- Selected chemical analyses of stream and well waters in the San Bernardino area, California

Constituents: Constituents shown in parentheses are calculated.

Analysis by: SBCFCD, San Bernardino County Flood Control District; DWR, California Division of Water Resources; DA, U. S. Department of Agriculture; UC, University of California, Division of Plant Nutrition or Citrus Experiment Station; and Bab, E. S. Babcock and Sons.

(Analyses in parts per million)

Waters from wells in the northern part of Bunker Hill Basin

	1N/3-31L1 (E-50c)	1N/4-36F4 (E-45b)	1N/4-36R1 (E-461)
Calcium (Ca)	61	44	81
Magnesium (Mg)	9	14	12
Sodium plus pottassium (Na + K)	55	49	34
Carbonate plus Bicarbonate (CO_3 + HCO_3)	146	131	116
Sulfate (SO_4)	136	98	159
Chloride (Cl)	32	27	36
Nitrate (NO_3)		27	1
Boron (B)		0.31	0.37
Sum of determined constituents (sum)	366	325	381
Specific conductance (Sp C) Micromhos at 25°		306	634
Date sampled (Date)	2-29-26	2-28-31	9-1-32
Analysis by (By)	Bab	DA	DWR

Table 5A.- Chemical analyses--continued

Waters from wells in the southern part of Bunker Hill Basin

	1S/3-20P1 (E-110t)	1S/3-28H1 (E-114i)	1S/3-30P2 (E-107l)	1S/4-13N1 (E-98p)	1S-4-23K2 (E-98s)	1S/4-23K3 (E-98z
(Ca)	56	52	65	73	64	52
(Mg)	11	11	27	15	22	11
(Na + K)	21	29	86	23	62	47
(CO_3 + HCO_3)	177	168	336	183	327	226
(SO_4)	25	38	78	85	50	41
(Cl)	27	28	57	23	32	25
(NO_3)	9	9	22	9	12	15
(B)	0.01	0.13	0.09	0.01	0.07	0.09
(sum)	238	251	503	320	406	304
(Sp C)	442	456	855	543	715	515
(Date)	8-5-32	8-4-32	8-5-32	8-6-32	9-12-32	6-13-31
(By)	DWR	DWR	DWR	DWR	DWR	DA

	1S/4-25E1 (E-103c)	1S/4-25H2 (E-103
(Ca)	53	60
(Mg)	15	26
(Na + K)	83	75
(CO_3 + HCO_3)	302	366
(SO_4)	49	58
(Cl)	45	43
(NO_3)	2	--
(B)	0.05	0.04
(sum)	398	445
(Sp C)	696	791
(Date)	8-4-32	4-4-30
(By)	DWR	DA

Table 5A.- Chemical analyses--continued

Waters from wells in the central and eastern parts of Bunker Hill Basin

	1S/2-19G1 (E-123f)	1S/2-21E1 (E-127f)	1S/3-17H1 (E-109i)	1S/4-5E1 (E-14e)
(Ca)	56	57	56	75
(Mg)	13	15	11	9
(Na + K)	12	10	14	11
(CO_3 + HCO_3)	174	210	183	242
(SO_4)	30	27	29	36
(Cl)	9	7	9	8
(NO_3)	11	7	22	30
(B)	0.01	0.03	0.03	--
(sum)	218	228	233	291
(Sp C)	366	404	413	503
(Date)	8-4-32	8-4-32	8-5-32	1-30-51
(By)	DWR	DWR	DWR	SCFCD

	1S/4-6C5 (E-6h)	1S/4-9B1 (E-23)	1S/4-12B1 (E-48)	1S/4-13M2 (E-101b)
(Ca)	42	63	32	29
(Mg)	8	14	9	5
(Na + K)	(10)	18	15	(29)
(CO_3 + HCO_3)	176	247	131	146
(SO_4)	17	13	13	23
(Cl)	6	9	5	7
(NO_3)	3	2	13	--
(B)	--	0.05	0.04	0.02
(sum)	(174)	243	154	(166)
(Sp C)	--	462	298	326
(Date)	11- ? -18	9-1-32	9-21-32	1-15-31
(By)	UC	DWR	DWR	DA

Table 5A.- Chemical analyses--continued

Water from wells located east and southeast of Colton, in Bunker Hill Basin

	1S/4-22Q1 (E-96g)	1S/4-22R1 (E-98)	1S/4-23N1 (E-99e)	1S/4-26F1 (E-99)
(Ca)	38	27	38	37
(Mg)	14	6	8	7
(Na + K)	57	(31)	33	74
(CO_3 + HCO_3)	242	119	179	233
(SO_4)	36	33	21	30
(Cl)	28	18	16	39
(NO_3)	10	3	8	3
(B)	--	0.10	--	--
(sum)	304	(178)	214	306
(Sp C)	--	371	400	570
(Date)	1-30-51	6-13-31	1-15-52	1-15-52
(By)	SBCFCD	DA	SBCFCD	SBCFCD

	1S/4-27A8 (E-94j)	1S/4-27A12 (E-95b)	1S/4-27A13 (E-95c)	1S/4-27B1 (E-94g)	1S/4-27H1 (E-95d)
(Ca)	16	48	22	42	3
(Mg)	3	11	7	13	2
(Na + K)	(59)	56	(60)	(53)	(68)
(CO_3 + HCO_3)	131	238	155	207	101
(SO_4)	31	45	40	53	52
(Cl)	30	30	32	36	18
(NO_3)	--	--	--	--	--
(B)	0.31	0.15	0.17	--	0.20
(sum)	(204)	308	(239)	(301)	(194)
(Sp C)	373	584	454	--	350
(Date)	1-30-31	1-30-31	1-30-31	3-30-26	1-30-31
(By)	DA	DA	DA	UC	DA

Table 5A.- Chemical analyses--continued

Waters from wells in the Santa Ana River flood plain west of the San Jacinto Fault

	1S/4-27L1 (E-96i)	1S/4-28K1 (E-91a)	1S/4-28L1 (E-91)	1S/4-33B4 (E-92)	1S/4-33D1 (E-88b)
(Ca)	54	68	74	61	62
(Mg)	10	15	14	14	16
(Na + K)	78	(96)	(117)	(54)	(45)
(CO_3 + HCO_3)	320	345	360	280	281
(SO_4)	61	88	68	49	48
(Cl)	39	47	57	34	28
(NO_3)	4	--	--	--	--
(B)	.00	--	--	--	--
(sum)	(406)	(487)	(510)	(352)	(340)
(Sp C)	715	--	--	--	--
(Date)	1-30-51	6-2-28	7-2-28	6-5-28	9-25-26
(By)	SBVWCD	DWR	DWR	DWR	DWR

Table 5A.- Chemical analyses--continued

Chemical analyses of surface waters in the San Bernardino area, California

Stream	Analyst	Date	Constituents in parts per million						
			Sum	(Ca)	(Mg)	(Na + K)	(CO_3+HCO_3)	(SO_4)	(Cl)
Lytle Creek, discharge from Fontana powerhouse; average of 7 samples	SBCFCD	7-?-31 to 11-?-32	182	50	10	9	182	21	11
Cajon Creek, north of Keenbrook, average of 5 samples	DWR	1932-33	406	84	24	33	310	96	14
Waterman Canyon Creek, at diversion weir, 400 ft east of Arrowhead Highway, average of 9 samples	DWR	1929-33	447	37	11	106	145	183	37
Strawberry Creek, at gaging station at De Rosa Water Co. diversion dam	DWR	3-?-32	217	26	8	44	128	59	16
City Creek, northeast of Highland Avenue, at head of City Creek Water Co. canal; average of 8 samples	DWR	1931-33	132	25	8	19	120	13	7
Plunge Creek, northeast of East Highlands at mouth of canyon	DWR	3-16-32	74	15	5	12	64	5	5
Santa Ana River, northeast of Redlands, at head of north Fork Ditch and Redlands Canal; average of 8 samples	DWR	1931-33	110	23	8	13	111	9	2