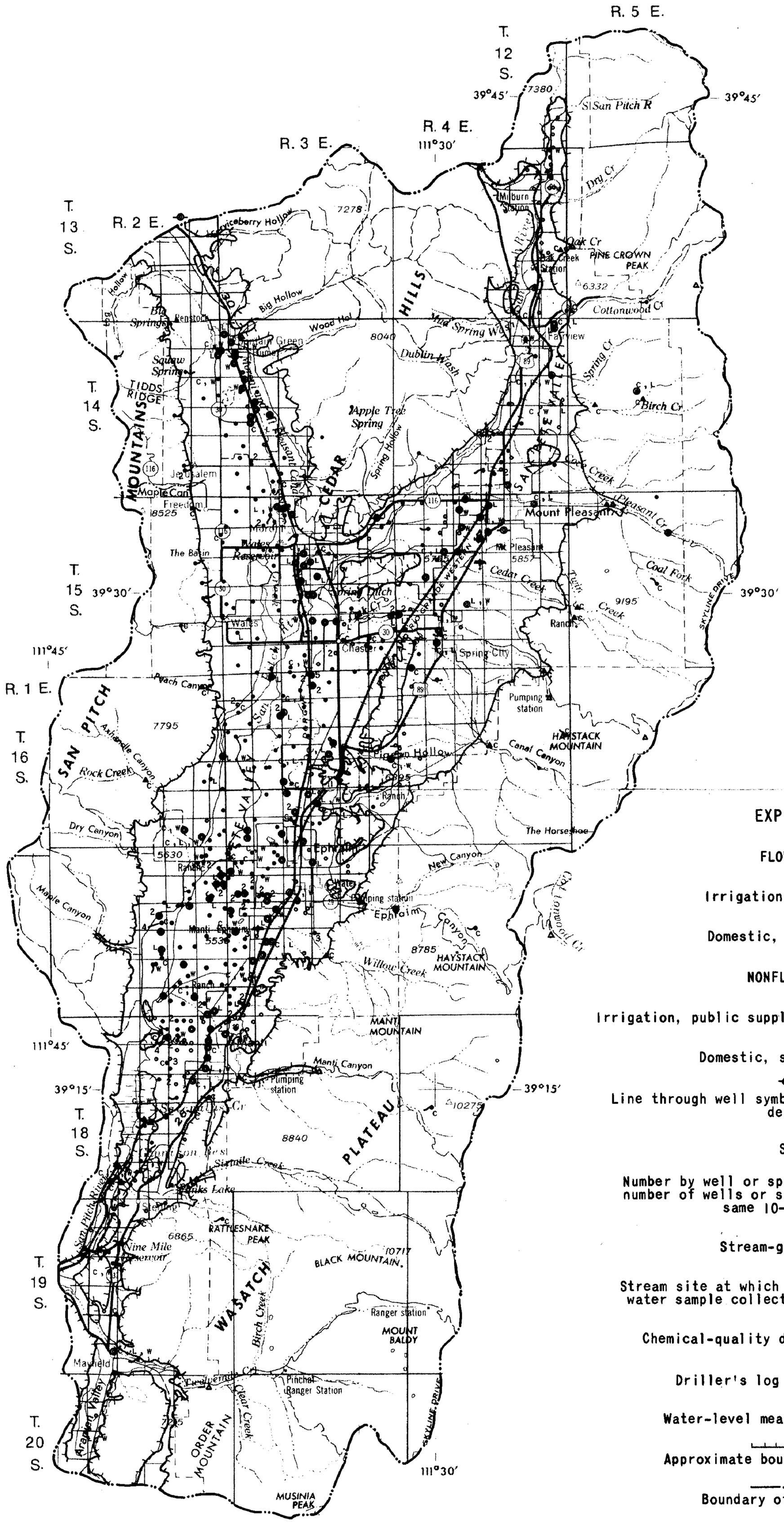

EXPLANATION

FLOWING WELLS

Irrigation or public supply

Domestic, stock, or unused

NONFLOWING WELLS

Irrigation, public supply, industrial, or commercial

Domestic, stock, or unused

Line through well symbol indicates well has been destroyed

Spring

Number by well or spring symbol indicates the number of wells or springs inventoried in the same 10-acre tract

Stream-gaging station

Stream site at which discharge was measured or water sample collected for chemical analysis

C Chemical-quality data in table 6, 7, or 8

L Driller's log of well in table 4

W Water-level measurements in table 3

Approximate boundary of valley fill

Boundary of drainage basin

Base from Army Map Service
1:250,000 series: Price, 1962

0 1 2 3 4 5 Miles

Hydrology by G. B. Robinson, Jr., 1966

MAP SHOWING LOCATION OF WELLS, SPRINGS, AND SURFACE-WATER SAMPLING SITES IN THE SAN PITCH RIVER DRAINAGE BASIN, UTAH

UTAH BASIC-DATA RELEASE NO. 14

SELECTED HYDROLOGIC DATA

SAN PITCH RIVER DRAINAGE BASIN, UTAH

by

G. B. Robinson, Jr., Geologist
U.S. Geological Survey

Prepared by
The United States Geological Survey
in cooperation with
The Utah Department of Natural Resources
Division of Water Rights
Salt Lake City, Utah

1968

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Introduction

The U.S. Geological Survey investigated the ground-water resources of the San Pitch River drainage basin during the period 1964-67. The investigation was a cooperative project, financed equally by the Utah Department of Natural Resources, Division of Water Rights, and the Federal Government, and was a part of an investigation of the ground-water resources of the entire Sevier River drainage system.

This report is intended to serve two purposes: (1) To make available to the public basic water-resources data useful in planning and studying development of water resources and (2) to supplement an interpretive report that will be published later. Included in the release are data collected by the Geological Survey since 1930.

Bibliography

In addition to some water-supply papers of the U.S. Geological Survey that contain previously published data and are noted in the heading of each table, the following reports contain data and information on the water resources of the San Pitch River drainage basin:

Arnow, Ted, and others, 1964, Ground-water conditions in Utah, spring of 1964: Utah Water and Power Board Coop. Inv. Rept. 2.

_____1965, Ground-water conditions in Utah, spring of 1965: Utah Water and Power Board Coop. Inv. Rept. 3.

Baker, C. H., Jr., Price, Don, and others, 1967, Ground-water conditions in Utah, spring of 1967: Utah Div. of Water Resources Coop. Inv. Rept. 5.

Connor, J. G., Mitchell, C. G., and others, 1958, A compilation of chemical quality data for ground and surface waters in Utah: Utah State Engineer Tech. Pub. 10.

Cox, L. H., 1936, Decree adjudicating the Sevier River system: The Progress Printing Co., Fillmore, Utah.

Hahl, D. C., and Cabell, R. E., 1965, Quality of surface water in the Sevier Lake basin, Utah, 1964: U.S. Geol. Survey open-file rept. (duplicated as Utah Basic-Data Release 10).

Hood, J. W., and others, 1966, Ground-water conditions in Utah, spring of 1966: Utah Water and Power Board Coop. Inv. Rept. 4.

Marsell, R. E., 1958, Potential ground-water resources of Sanpete Valley, Utah--Appendix A: State of Utah Sixth Biennial Report of the Utah Water and Power Board to the Governor of Utah for the period July 1, 1956, to June 30, 1958, p. 28-36.

Richardson, G. B., 1907, Underground water in Sanpete and central Sevier Valleys, Utah: U.S. Geol. Survey Water-Supply Paper 199.

Utah State University and Utah Water and Power Board, 1963, Developing a state water plan, Utah's water resources--problems and needs, a challenge: Utah Water and Power Board and Utah State Univ.

Woolley, R. R., 1947, Utilization of surface-water resources of Sevier Lake basin, Utah: U.S. Geol. Survey Water-Supply Paper 920.

Well- and spring-numbering system

The system of numbering wells and springs in Utah is based on the cadastral land-survey system of the U.S. Government. The well or spring number, in addition to designating the well or spring, locates its position to the nearest 10-acre tract in the land net. By this system the State is divided into four quadrants by the Salt Lake base line and meridian, and these quadrants are designated by the uppercase letters A, B, C, and D; thus, A, for the northeast quadrant; B, for the northwest; C, for the southwest; and D, for the southeast quadrant. Numbers designating the township and range, respectively, follow the quadrant letter, and the three are enclosed in parentheses. The number after the parentheses designates the section, and the lowercase letters give the location of the well or spring within the section. The first letter indicates the quarter section, which is generally a tract of 160 acres, the second letter indicates the 40-acre tract, and the third letter indicates the 10-acre tract. The numbers that follow the letters indicate the serial number of the well or spring within the 10-acre tract. Thus, well (D-16-3)33acd-1, in the San Pitch River drainage basin, is in the SE¼SW¼NE¼ sec. 33, T. 16 S., R. 3 E., and is the first well constructed or visited in that tract. (See fig. 1.) All springs are designated by the letter S preceding the serial number. If a spring is located to the 40- or 160-acre tract, the S is used without a serial number. Thus, spring (D-14-2)2bab-S1, also in the basin, is in the NW¼NE¼NW¼ sec. 2, T. 14 S., R. 2 E., and is the first spring visited in that tract. Surface-water sites along the San Pitch River and miscellaneous streams at which water samples were collected or discharge measurements made are also located according to this well-numbering system. The surface-water sites, however, are located only to the nearest 160- or 40-acre tract.

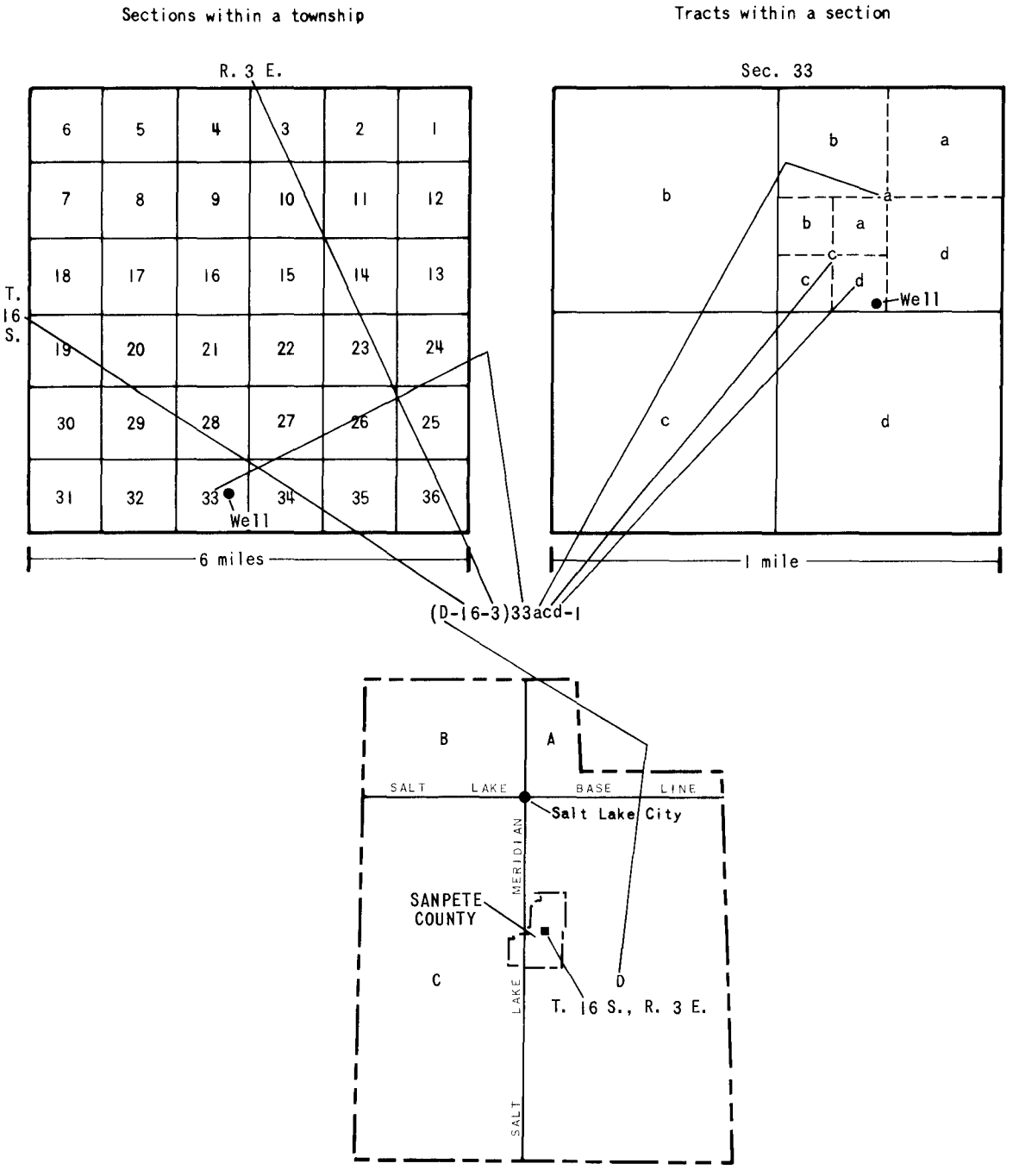

Figure 1.—Well- and spring-numbering system.

Table 1.--Records of selected wells

Well number: See text for description of numbering system.
Owner, user, or name: Name listed is that obtained at time of visit or is the name listed on records of the Utah State Engineer.
Application or claim No.: A, application number; a, application change number; C, claim number.
Method of drilling: B, bored or augered; C, drilled with cable tool; D, dug; J, jetted; H, drilled with hydraulic rotary; V, driven.
Depth of well: Depths are reported, except when followed by M, measured.
Character of material in principal aquifer: A, alluvium; B, sedimentary rock; C, conglomerate; F, shale; G, gravel; J, igneous, unconsolidated (tuff, volcanic ash); L, limestone; P, clay; Q, silt, R, sand and gravel; S, sand; V, sandstone; (?), classification questionable.
Measuring point: Description - Bor, bank of reservoir; Bpb, bottom of pump base; Bpw, bottom of pump window; Edp, end of discharge pipe; Hc, hole in casing; Hpb, hole in pump base; Hph, hole in pump housing; Nss, nail in shelter support; Tc, top of casing; Tcc, top of cement curb; Tdp, top of discharge pipe; Te, top of elbow; Tmp, top of measuring pipe; Tph, top of pump housing; Tpp, top of pump platform; Tt, top of tee; Twb, top of well box; Twc, top of well cover.
Water level: Measured distances given in feet and tenths; reported and estimated distances given in feet; +, flowing at date indicated.
Method of lift and type of power: Lift - B, bucket, C, centrifugal pump; F, flow; J, jet pump; L, multiple pumps, the largest being centrifugal; M, multiple pumps, the largest being turbine; N, none; P, piston pump; S, submersible pump; T, turbine pump. Power - H, hand power; G, gasoline; D, diesel; E, electric; W, windmill.
Yield (gpm, gallons per minute): Fe, flow estimated; Fm, flow measured; Fr, flow reported; Pe, pumped estimated; Pm, pumped measured; Pr, pumped reported; Tr, trickle.
Use of water: C, commercial; F, fire protection; H, domestic; I, irrigation; N, industrial; O, observation of water level; P, public supply; S, stock supply; U, unused.
Temperature: Measured, unless following by R, reported; range is reported where temperature is known to vary throughout the year.
Specific conductance: Field measurement unless followed by L, laboratory.
Remarks and other available data: C, chemical analysis in table 8; Dd, drawdown, in feet, while pumping on same date as yield column - (E) estimated, (M) measured, (R) reported; DRA, well drilled by Drought Relief Administration; F, log available in files of the Utah State Engineer; J, geophysical log available in files of the U.S. Geological Survey; L, log in table 4; perf, casing perforated; T, transmissibility, determined by aquifer test; UERA, well drilled by Utah Emergency Relief Administration; W, water-level measurements in table 3; Y, water-level measurements in files of U.S. Geological Survey.

Well number	Owner, user, or name	Application or claim No.	Year drilled	Altitude above land-surface datum (feet)	Method of drilling	Depth of well (feet)	Diameter of well (inches)	Character of material in principal aquifer	Measuring point: Description	Measuring point: Above(+) or below(-) land-surface datum (feet)	Water level: Above(+) or below(-) land-surface datum (feet)	Water level: Date of measurement	Method of lift and type of power	Yield: Rate (gpm)	Yield: Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Remarks and other available data
(D-12-4)																			
25dcd-1	Charles Jennings	C-14354	-	6,632	D	20	48	R	Twc	+3.5	-11.6	9-20-66	N	-	-	U	-	-	
36acb-1	Wilford Wheeler	-	-	6,570	D	35	48	R	Twc	0	-31.3	9-20-66	J,E	-	-	S	-	-	
36acc-1	E. S. Vance estate	A-27592	1956	6,560	-	115	8	C	-	-	-	-	S,E	-	-	H,S	-	-	Well buried. Perf. 52-? ft. F.
36dcc-1	Henry Wheeler	-	-	6,524	D	56M	48	R	Twc	+.2	-33.5	9-14-66	N	-	-	U,O	-	-	W.
(D-13-2)																			
14aca-1	Doyce Oldroyd	A-13131	1940	6,340	C	200	14	C	-	-	-165	7-27-40	-	-	-	-	-	-	Well destroyed. Intended for irrigation. F.
27bcd-1	Madeleine Johnson	A-36206	1964	6,775	-	-	6	-	Tc	+1.0	-234.8	8-10-66	S,E	-	-	S	-	-	Electricity generated by portable gasoline-driven generator.
35dcc-1	L. R. Ivory	A-13981	-	6,280	C	54M	13	R	Tc	+1.0	-51.8	1- 1-66	N	-	-	U	-	-	Originally intended for irrigation.
(D-13-4)																			
1baa-1	W. M. Hamilton	C-3601	-	6,488	D	65	60	A	-	-	-	-	J,E	-	-	H,S	-	570	
1bda-1	do	C-3603	-	6,449	D	98	60	A	Twc	0	-71.6	9-20-66	N	-	-	U	-	-	
1caa-1	Lossie Stewart	-	1900	6,412	D	49M	48	A	Twc	0	-42.8	9-22-66	N	-	-	U	-	-	
1cda-1	Lyman Stewart	C-9832	-	6,385	D	28	48	A	Twc	0	-23.9	9-22-66	J,E	10Pr	9-22-66	H,S	-	580	
2dcb-1	Henry Wheeler	A-13789	1949	6,325	C	150	4	V	-	-	-35	9-16-49	T,E	18Pr	9-16-49	S	53R	-	Well drilled originally in 1940, deepened in 1949. Cased to 101 ft; perf 43-100 ft. F.
11adc-1	L. A. Terry	C-9836	-	6,261	D	40	48	A	Twc	+.3	-24.1	9-23-66	J,E	10Pr	9-23-66	H,S	-	630	
11ddd-2	Jay Peterson	C-9835 A-28212	1946	6,270	C	74	6	R	Tc	-6.7	-49.2	9-23-66	J,E	25Pr	4-25-46	H,S	59R	590	F.
12acc-1	L. N. Jenkins	-	-	6,360	D	23M	60	A	Twc	+1.0	-16.2	9-14-66	N	-	-	U,O	-	-	W.
12baa-1	Thomas Brunger	A-19570	1949	6,317	C	183	12-10	R,V	Tc	0	-7.1	9-22-66	N	15Pr	9-10-49	U	-	-	Originally intended for irrigation. Casing 12 inch to 93 ft; 10 inch 93-142 ft. L.
12bdd-1	Loyal Graham	C-6215	1946	6,323	C	76	4	G,V	Twc	0	-47.5	9-22-66	J,E	8Pr	4-22-46	H,S	-	580	Well drilled inside 60-inch diameter dug well, 50 ft deep. C, F.
12cdc-1	Thomas Brunger	A-17386	1946	6,330	C	136	6	R	Tc	-4.5	-104.0	9-23-66	S,E	5Pr	5- 1-46	H,S	54	550	Cased to 126 ft. F.
13cbb-1	Lee Mower	-	-	6,223	D	-	60	A	Twc	0	-24.4	9-29-66	N	-	-	U	-	-	
15aac-1	Elery Christensen	A-20163	1948	6,285	C	300	10	V	Tc	0	-24.7	9-23-66	N	110Pr	5-10-48	U	50R	-	Originally intended for irrigation. Perf. 20-30, 95-105, 130-140 ft. F.
23ddd-1	C. B. Rigby	-	1952	6,165	V	69	4	R	Tc	0	-42.8	9-29-66	J,E	-	-	H,S	-	-	Well driven inside 48-inch diameter dug well, 45 ft deep. Well supplemental to spring.
24bcb-1	Fred Mower	-	-	6,190	D	33M	48	A	Twc	0	-30.5	9-29-66	J,E	-	-	H,S	-	600	
24cac-1	-	-	-	6,245	D	72M	60	A	Twc	0	Dry	9-29-66	N	-	-	U	-	-	
24ccb-1	R. L. Mower	-	-	6,172	D	41M	48	A	Twc	+.5	-40.4	9-29-66	P,H	-	-	U,O	-	-	W.
24daa-1	Glen Hartley	-	-	6,387	D	45	48	A	Twc	+.3	-38.6	11- 8-66	J,E	-	-	H,S	-	-	
25bca-1	D. P. Rosenlund	-	-	6,120	D	65	48	A	Twc	-1.5	-44.8	9-29-66	J,E	-	-	H,S	-	540	
26ddc-1	Reece Erickson	A-20015	1949	6,048	C	53	4	R	-	-	-22	1-20-49	J,E	6.5Pr	1-20-49	S	51	590	Well buried. F.
35cbc-1	G. N. Day	A-25127	1953	5,965	C	550	6	F	-	-	-28	8- 3-53	N	.3Pr	8- 3-53	U	-	-	Water reported to be oily tasting and impotable. Cased to 29 ft. Dd 522 ft (R). F.
35dda-1	A. F. Cox	A-25343	-	6,075	C	115M	8	A	Tc	-1.5	-93.7	9-30-66	J,E	-	-	S	-	-	Well drilled inside 48-inch diameter dug well, 100 ft deep.
36dad-1	A. L. Hamilton	C-14358	-	6,320	D	14	60	A	Twc	-4.2	-12.7	10- 6-66	J,E	8Pr	1-20-47	H,S	46R	-	

Table 1.--Records of selected wells - Continued

Well number	Owner, user, or name	Application or claim No.	Year drilled	Altitude above land-surface datum (feet)	Method of drilling	Depth of well (feet)	Diameter of well (inches)	Character of material in principal aquifer	Measuring point: Description	Measuring point: Above(+) or below(-) land-surface datum (feet)	Water level: Above(+) or below(-) land-surface datum (feet)	Water level: Date of measurement	Method of lift and type of power	Yield: Rate (gpm)	Yield: Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Remarks and other available data
(D-14-2)																			
12aad-1	Adobe Field Irrigation Co.	A-18492	1948	5,868	C	139	12	G	Tc	0	-3.4	10-28-66	T,E	221Pm	7-27-66	I,O	50-52	550	Cased to 139 ft; perf 25-31, 112-122 ft. Dd 48 ft (M). L, Y.
13aaa-1	Eugene Allred	-	1893	5,793	-	75	2	A	Tc	+1.5	+17.7	7-28-66	F	.4Fm	2-12-65	S,O	46-52	478L	C, W.
13cad-1	Edda Maxfield	C-21824	1964	5,820	C	80	4	R	Tc	+1.0	-62.5	8-25-66	S,E	7Pr	3-20-64	H,S	53	840	Dd 8 ft (R). F.
13daa-1	do	-	-	5,752	D	-	60	A	Twc	0	-8.4	8-25-66	N	-	-	U	-	-	
(D-14-3)																			
6bcd-1	Fountain Green Irrigation Co. No. 2	A-20728 a-2925	1949	5,901	C	253	12-10	R	-	-	+	6- 1-49	T,E	237Pm	7-27-66	I	52	560	Well deepened in 1949. Casing 12 inch 0-148 ft, 10 inch 85-192 ft; perf 25-35, 45-55, 150-189 ft. Dd 40 ft (E). L.
6cad-1	Town of Fountain Green	C-12 C-8264	1934	5,883	C	188¼	12	G	Hpb	+1.5	-14.0	9-17-34	T,E	140Pm	7-27-66	I	50-52	670	UERA well. Water traded to Big Springs Irrigation Co. for Big Springs water used for public supply. Cased to 172 ft. Dd 30 ft (E). F.
7abb-1	East Field Well Assoc.	A-27385	1956	5,830	C	300	12	R	Hpb	+2.5	-29.1	3-18-66	T,E	339Pm	7-27-66	I,O	51-52	660	Perf 58-71, 98-120, 137-142, 172-176, 208-225, 295-300 ft. Dd 30 ft (M). L, W.
7abc-1	Oldfield Irrigation Co.	A-13452	1941	-	C	150	12	-	-	-	-	-	-	-	-	-	-	-	Well destroyed. Originally intended for irrigation; little water (R).
7acc-1	J. H. Mikkelson estate	A-22789 a-3176	1951	5,776	C	81½	10	G	Tc	+1.0	-7.7	7-27-66	T,E	501Pm	7-27-66	I,S, O	50	550	Cased to 81½ ft; perf 8-10, 15-19, 23-63 ft. Dd 21 ft (M). F, W.
7bbb-1	Fountain Green Irrigation Co. No. 1	C-9 A-12065	1935	5,875	C	90	10	R	Tc	+1.0	-.7	3-18-66	T,E	455Pm	7-27-66	I,O	50-51	420L	Cased to 90 ft; perf 15-75 ft. Dd 45 ft (M). C, F, W.
7ddb-1	Osmond Crowther	C-21497	1960	-	C	92	4	G	-	-	-91	4- 4-60	S,E	-	-	S	-	-	F.
17bdc-1	Olaf Olsen	-	-	5,690	-	51M	4	-	Tc	+1.0	-46.2	8-19-66	P,H	-	-	U	-	-	
17cca-1	State Road Well Project	A-13261 a-3006	1941	5,663	C	133	12	R	Tc	+.1	-39.0	3-18-66	T,E	332Pm	7-27-66	I,O	50	610	Cased to 133 ft; perf 35-130 ft. Dd 10 ft (M). F, Y.
18aab-1	Fountain Green Coop. Well Assoc.	A-31344	1960	5,711	C	522	12	R	Bpb	+1.1	-	-	T,E	450Pm	7-27-66	I	50-51	610	Perched water table at 37 ft below land-surface datum allows water to enter casing continuously. Cased to 360 ft; perf 30-50, 63-81, 88-99, 117-122, 197-228, 330-345. L.
18acd-1	Elden Westenskow	A-29235	1957	5,715	C	132	6	G	Tc	-1.0	-65.7	8-19-66	S,E	4Pr	6-28-57	S	-	-	
18adb-1	U. S. Madsen	A-13125	1940	5,695	C	150	12	R	Hpb	+1.6	-33.6	3-18-66	T,E	286Pm	7-27-66	I,O	49-51	600	Cased to 150 ft; perf 42-83, 92-104, 121-130 ft. Dd 25 ft (M). F, W.
18ddd-1	R. M. Rasmussen	C-20170	1940	5,653	C	81	6-4	R,Q	Tc	+.7	-29.7	8-19-66	P,H	10Pr	6-14-40	U	50R	-	Casing 6- inch 0-64 ft, 4-inch 63-81 ft. F.
19ccd-1	J. F. Robertson	C-12120	-	5,655	-	80	2	A	Tc	0	+1.6	8-25-66	F	.5Fm	8-25-66	S	52	590	
19dbb-1	T. J. Oldroyd	C-2092	-	5,615	-	135	1½	A	Edp	+3.0	+1.8	8-25-55	F	-	-	S	-	-	Not flowing on date visited.
20abd-1	Elmer Mikkelson	C-10	1935	5,665	C	125	10	R	-	-	-53	1-10-35	T,E	506Pm	7-27-66	I,S	50	790	Cased to 125 ft; perf 50-124 ft. F.
20bba-1	L. P. Olsen	C-1851	1934	5,642	C	151	10	R	Hpb	+1.5	-26.9	3-18-66	T,E	506Pm	7-27-66	I,O	50	590	Cased to 151 ft; perf 40-150 ft. Dd 25 ft (M); T 56,000 gpd per ft. F, Y.
20bcb-1	Osmond Crowther	C-49	1935	5,631	C	147	12	G	Edp	+2.0	-25.9	3-18-66	T,E	602Pm	7-22-65	I,O	50	680	Cased to 147 ft; perf 42-57 ft. F, Y.
20cbb-1	Earnest Bailey	C-64	1935	5,621	C	151	12	R	Hpb	+1.2	-18.3	3-18-66	T,E	678Pm	7-28-66	I,O	50	736L	Cased to 151 ft. C, L, W.
27baa-1	M & M Irrigation Co.	A-33116 a-4065	1962	5,875	H	796	20	-	Tc	+1.0	-10.6	8-29-66	N	70Pr	11- 1-62	U	-	-	Originally intended for irrigation. Casing 13 inch and gravel packed 0-622 ft. Dd 340 ft (R). F.
28cbd-3	James Swensen	C-21742	1962	5,620	H	90½	5	C,R	Tc	+1.0	-35.5	8-26-66	J,E	-	-	S	-	900	Well buried. Water level measured in 1½-inch well about 10 ft east. F.
29abc-1	-	-	-	5,590	-	13½M	4	A	Tc	0	-5.0	8-26-66	P,H	-	-	U	-	-	Wood casing.
29ccb-1	E. A. Christensen	C-2508	-	5,596	J	117	2	G	Tc	+.5	+2.1	8-26-66	F	Tr	8-26-66	S	54	-	F.
29ccb-3	do	A-26915	1955	5,596	C	50	4	G	Tc	-4.0	-11.9	8-26-66	J,E	6Pr	5-20-55	S	50R	-	Dd 33 ft (R). F.
29ccc-1	do	C-2507	-	5,594	J	157	1½	G	Tc	0	+3.1	8-26-66	F	Tr	8-26-66	S	53	-	F.
29ddc-1	do	C-2446	-	5,570	-	90	3	A	Tc	+1.0	+2.1	8-26-66	F	2.2Fm	8-26-66	S	49	680	

Table 1.--Records of selected wells - Continued

Well number	Owner, user, or name	Application or claim No.	Year drilled	Altitude above land-surface datum (feet)	Method of drilling	Depth of well (feet)	Diameter of well (inches)	Character of material in principal aquifer	Measuring point: Description	Measuring point: Above(+) or below(-) land-surface datum (feet)	Water level: Above(+) or below(-) land-surface datum (feet)	Water level: Date of measurement	Method of lift and type of power	Yield: Rate (gpm)	Yield: Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Remarks and other available data
(D-14-3)																			
30adb-3	Glade Lund	C-1383	-	5,604	-	125	1½	A	Te	+1.0	+2.5	8-25-66	F	0.2Fm	8-25-66	S	53	470	One of three wells in same corral, which have total discharge of less than 1 gpm.
30dbd-1	M. W. Christensen	A-36772	1965	5,635	C	164	6	R	Tc	-2.5	-8.7	8-26-66	J,E	30Pr	10-16-65	S	-	600	Perf 122-123, 158-162 ft. Dd 31 ft (R). F.
31abc-1	Leonard Eliason	C-2080	-	5,665	-	32	3	A	Twc	0	-21.0	8-26-66	P,W	-	-	S	-	-	Well drilled inside 60-inch diameter dug well, 24 ft deep.
31dad-1	Jay and Stewart Christensen	-	-	5,601	-	-	2	A	Te	+1.2	+8.3	4-22-66	F, C,G	.9Fm	3-15-65	S,O	50-55	440	Water is pumped for turkeys. Y.
32adc-1	L. C. Syme	A-29371	1957	5,557	J	89	2	G	Te	+1.5	+5.9	8-29-66	F	.3Fm	8-29-66	S	52	670	F.
32cda-1	R. L. Johnson	A-26939	1955	5,555	J	45	2	G	Edp	+1.0	0.0	8-27-66	F	-	-	S	50	-	F.
32ddb-2	Joseph Prestwich	C-13759	-	5,550	-	75	3	A	Tt	+.4	+2.1	8-27-66	F	5Fm	8-27-66	S,I	50	640	Dd 2 ft.
33ada-1	Russell Frandsen	A-29596	1958	5,700	C	43½	4	S,V	-	-	-3	5-23-58	-	-	-	-	-	-	Well destroyed. F.
33bbc-1	L. M. Cloward	A-29772	1958	5,580	J	129	2	G	Tc	+.5	-9.1	8-29-66	N	5Pm	8-19-58	S	50R	-	Cased to 105 ft. Dd 9 ft (R).
33bcc-1	B. E. Cloward	C-3708	-	5,560	-	30	1½	A	Tc	+.8	+2.4	6-17-66	F	.3Fm	3-15-65	S,O	50-51	1,200L	C, W.
(D-14-4)																			
1abc-1	City of Fairview	A-27457	1952	6,125	C	383	12	R,V	-	-	+	6-28-52	T,E	435Pm	10- 6-66	P	52	540	Well supplementary to spring; 50 gpm flow reported 6-28-52. Dd 200+ ft (R) pumping 700 gpm 6-28-52. Perf 174-383 ft. C, L.
1acb-1	Edmund Cox and R. K. Bench	A-19561 A-31189	-	6,122	C	625	16	-	Tc	+1.5	-10.6	3-21-66	S,E	250Pr	10-11-66	I,O	54-57	560	Well flows at times. Cased to 200 ft. Dd 157 ft (R). J, L, Y.
2dbc-1	N. B. Cox	-	-	5,938	D	40	36	A	Twb	+3.0	-8.8	7-29-66	N	-	-	U,O	-	-	Well caved to 16 ft. W.
12cdd-1	G. W. Bench	A-26736	1955	5,969	C	265	16	G	Tmp	+1.2	-56.9	10-26-66	T,D	833Pm	7-29-66	I,O	50	522L	Cased to 265 ft; perf 82-105, 220-225 ft. Dd 31 ft (M). T 96,000 gpd per ft. C, L, W.
13ddb-1	Shelley Brothers Well Assoc.	A-18441	1948	6,130	C	225	4	G	-	-	-200	8-28-48	P,E	10Pr	8-28-48	H,S	50R	-	Perf 215-225 ft. Dd 15 ft (R). F.
13ddc-1	Mountain Well Assoc.	A-19370 A-21400	1948	6,105	C	230	6	G	Tc	-4.0	-181.8	10-11-66	S,E	12Pr	9- 6-48	H,S	-	490	Cased to 210 ft. Dd 18 ft (R). L.
14ccc-1	Clarence Turpin	C-20117	-	5,858	D	21	48	A	Twc	0	-16.0	10-12-66	N	-	-	U	-	-	
15ddd-1	do	-	-	5,844	-	17M	3	A	Tc	+.2	-9.1	10-12-66	C,E	-	-	H,S	-	610	
22cdd-1	G. H. Healy	A-34984	1963	5,770	R	364	6-3	V	Tc	0	+5.5	10-13-66	F	5Fe	10-13-66	S	52	1,200	Cased to 20 ft. Originally intended for domestic use. Water contains much hydrogen sulfide gas which burns with match. Replaced well with shallow well cdd-2 for domestic use. J, L.
22cdd-2	do	A-34984	1963	5,770	-	19M	6	A	Tc	+.4	-5.6	10-13-66	C,E	-	-	H,S	-	-	Replacement well for 22cdd-1 for domestic use.
22dcd-1	Murven Nelson	-	-	5,809	D	11M	24	A	Tc	+1.0	-5.4	10-26-66	C,E	-	-	H,O	-	-	Corrugated culvert casing. Y.
24bbb-1	L. R. Seely	-	-	5,940	D	45M	48	A	Tcc	+1.0	-33.8	10-26-66	J,E	12Pm	3-29-65	S,O	-	593L	C, W.
24cba-2	J. B. Seely	A-13507	1941	5,965	C	90	6	R	Tc	+1.5	-48.0	10-11-66	N	11Pr	5- 7-41	U	52R	-	Drilled inside dug well, filled in. Cased to 88 ft. F.
24ccc-1	-	-	-	5,935	D	-	36	A	Twc	0	-47.9	10-12-66	N	-	-	U	-	-	
24dbd-1	M. N. Coates	C-3604	-	6,007	D	90	60	A	Twc	0	-66.0	10-11-66	B,H	-	-	H,S	-	-	
26ccb-1	Lyman Waite	A-14105	1941	5,888	C	74	4	A	-	-	-32	11-15-41	J,E	5Pr	11-15-41	S	-	540	Perf 59-74 ft. Dd 1 ft (R). F.
27daa-1	Vernile Shelley	A-20386 A-24330	-	5,861	-	1,500	16-12-8	-	Tc	+.5	+7.5	11-21-35	F	2Fm	10-13-66	U	53	4,800	Drilled as oil test. In past water sold for therapeutic use. Slight hydrogen sulfide odor and taste. Casing 600 ft of 16 inch, 400 ft of 12 inch, and 500 ft of 8 inch. J.
27dcd-1	W. J. Standfield	A-20879	1950	5,870	C	79	4	R	-	-	-46	1-28-50	T,E	6.5Pr	1-28-50	S	50R	550	Dd 6 ft (R). F.
30dab-1	P. W. Reynolds	A-35697	1963	5,880	H	235	3	F	Tc	-6.5	-28.3	10-18-66	F	3Fr 40Pr	11- 1-63	S	-	-	Flows at times. Cased to 230 ft; perf 189-209, 224-229 ft. Dd 31 ft (R). F.
33cbc-1	P. O. Rosenlof	A-18100 A-22935	-	5,697	-	54M	6	A	Tc	+1.5	-11.8	10-18-66	J,E	-	-	S	-	540	
33cbd-1	B. O. Sorenson	A-21073	1949	5,705	C	45	5	R	Tc	-3.0	-9.1	10-18-66	P,E	20Pe	10-18-66	S	50R	600	Dd 4 ft (R). F.
34abd-1	B. N. Seely	C-18449	-	5,863	D	75	72	A	Twc	+.5	-38.0	10-14-66	J,E	10Pr	10-14-66	H,S	-	510	
34abd-2	J. W. Jensen	-	-	5,875	D	75	-	A	Twc	0	-48.8	10-14-66	J,E	-	-	H,S	-	900	

Table 1.--Records of selected wells - Continued

Well number	Owner, user, or name	Application or claim No.	Year drilled	Altitude above land-surface datum (feet)	Method of drilling	Depth of well (feet)	Diameter of well (inches)	Character of material in principal aquifer	Measuring point: Description	Measuring point: Above(+) or below(-) land-surface datum (feet)	Water level: Above(+) or below(-) land-surface datum (feet)	Water level: Date of measurement	Method of lift and type of power	Yield: Rate (gpm)	Yield: Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Remarks and other available data
(D-14-4)																			
34bda-1	T. N. Tomlinson	A-33608	1961	5,832	C	48½	4	G	Tc	+0.5	-15.9	10-12-66	J,E	20Pr	9-12-61	H	52R	550	Dd 4 ft (R). F.
34dad-1	Leslie Lund	A-30935	1959	5,920	-	320	6	S	-	-	-32	10- 5-59	S,E	20Pm	10-17-66	I	53	320	Originally intended for use at a drive-in theater, but hydrogen sulfide odor and taste made water impotable. Perf 90-110, 260-315 ft. F.
36abb-1	Ray Christensen	A-15744	1953	6,133	C	165	4	R,V	-	-	-105	8- 1-53	P,E	7Pr	8- 1-53	H,S	50R	870	Originally drilled in 1950; deepened 1953. Dd 5 ft (R). F.
(D-14-5)																			
16bdd-1	Fairview-Birch Creek and Mount Pleasant-Birch Creek Irrigation Cos.	A-28700 A-28710	1956	7,364	-	9,108	13-9	V	-	-	+142.0	12-21-56	F	293Fm	10-10-66	I	131	645L	Hydrogen sulfide odor and taste to water. Casing 13 inch 0-482 ft, 9 inch to 5,588 ft. Plugged back with cement 5,800-5,900 ft. Water flowing from open hole between plug and casing. C, L.
(D-15-2)																			
12aad-1	J. C. Nelson	C-21087	1953	5,640	J	44	2	G	Tc	+1.3	+3.6	10-26-66	F	.2Fm	3-15-65	S,O	49-56	522L	C, F, Y.
(D-15-3)																			
1cda-1	McArthur Frandsen Ditch Co.	-	1934	-	C	195	12	G	-	-	-49.6	8- 2-35	-	-	-	-	-	-	Well destroyed. Originally intended for irrigation. UERA well drilled in dug well which was 53 ft deep. F.
1ddc-2	John Jensen	-	-	5,605	V	30	10	A	Tc	-6.0	-12.0	10-19-66	C,E	-	-	S	55	-	
4bcd-1	M. L. Johnson	A-27006	1955	-	C	111	6	S	-	-	+	8-20-55	-	1Fr	8-20-55	-	50R	-	Well destroyed. Owner tried to pump for irrigation. F.
4bdb-1	R. C. Sowby	A-26940	1955	5,560	J	71	2	R	Tc	0	-3.7	8-30-66	C,E	1Fr	6-22-55	S	52	810	F.
4caa-1	Moroni City Corp.	A-24989	1953	5,551	C	110	10	R	-	-	-5	6-30-53	T,E	300Pr	1965	I,H, S	52	600	Water used to irrigate lawn in Moroni Cemetery. Cased to 110 ft; perf 75-110 ft. F.
5ada-1	M. L. Johnson	A-23423	1959	5,550	C	122	12	R	-	-	0	11-25-59	N	-	-	U	-	-	Well abandoned because perforated and interfered with existing spring rights; replaced by 5ada-2 (unperforated). Drilled originally in 1957, deepened in 1959. Cased to 122 ft; perf 55-110 ft. F.
5ada-2	do	A-23423	1960	5,550	C	143	10-8	R	Tc	+1.0	-2.1	10-28-66	T,E	341Pm	7-26-66	I,O	52-53	660	Drilled originally in 1960, deepened in 1966. Casing 10 inch to 121 ft, 8 inch 121-143 ft. Dd 58 ft (R) pumping 300 gpm 7-8-60. L, W.
5bba-1	do	A-22110	1950	5,572	J	151	2	R	-	-	+6	12-28-50	-	10Fr	12-28-50	-	48R	-	Well destroyed. F.
5cdd-1	D. R. Prestwich	A-23433 A-34914	1951	5,538	J	63	2	G	Tc	+1.0	-4.0	8-30-66	C,G	2Fr	12- 2-51	S	49R	-	Water is pumped for turkeys. Flows at times. F.
5cdd-2	do	A-34911	1959	5,536	-	66	1½	A	Tt	0	-1.4	9- 2-66	N	-	-	S	-	-	Flows at times. Drilled by oil seismic crew.
6acc-1	M. L. Johnson	A-22514	1951	5,630	J	79	2	G	Te	+.5	+2.0	9- 2-66	F	Tr	9- 2-66	S	-	720	F.
6ccd-1	J. H. Blackham	A-22497	1951	5,631	J	66	1½	G	Tt	-4.0	+3.0	9- 2-66	F	1.5Fm	9- 2-66	S	51	540	F.
7adc-2	M. L. Johnson	A-23338	1951	5,563	J	60	2	G	Te	+1.0	+4.5	9- 7-66	F	1.3Fm	9- 7-66	S	50	480	F.
7bcc-2	J. C. Nelson	A-13837	1950	5,632	C	475	12-10	P.	Tc	0	+	9- 7-66	C,E	5Fe	9- 7-66	S	54	490	Originally intended for irrigation. Well flows in addition to being pumped; 2 centrifugal pumps. Casing 12 inch to 285 ft, 10 inch 225-395 ft. F, J.
7dbc-1	Lawrence Kelson	A-24377	1953	5,582	J	67	2	R	Tc	+1.0	+2	1-14-53	C,E	.2Fr	1-14-53	S	48R	-	Water is pumped for turkeys. F.
8cda-3	D. H. Prestwich	C-13671	1905	5,513	-	75	1½	A	Te	+.4	+1.4	10-26-66	F	-	-	S,O	47-56	498L	Measuring point 30 ft south of well. C, W.
8cda-4	do	C-13672	1905	5,513	-	75	1½	A	Tt	+.3	+2.3	3-10-65	F	.2Fm	3-10-65	S	48	-	
8dad-1	J. M. Olsen	A-22205	1951	5,511	J	76	1½	G	Te	+1.5	+2.4	9- 7-66	F	.5Fm	9- 7-66	S	52	540	Cased to 75 ft. F.
8dca-3	Urwin Morley	-	-	5,510	-	-	1½	A	Te	+1.0	+5.6	3-10-65	F	2.6Fm	3-10-65	S	50	-	
9acb-1	Moroni City Corp.	A-27170	1955	5,532	C	478	12-10	V	Tc	+1.5	-10.3	9- 8-66	N	20Pr	1955	U	-	-	Originally intended for public supply; moved site to 9ddc. Casing 12 inch to 300 ft, 10 inch 300-478 ft; perf 300-478 ft. Dd over 160 ft (R). J.
9ccb-1	O. L. Eliason	A-27296	1957	5,515	J	74	2	G	Te	+3.0	+7	7-15-57	C,E	2Fr	7-15-57	S	50R	-	Water is pumped for turkeys. F.

Table 1.--Records of selected wells - Continued

Well number	Owner, user, or name	Application or claim No.	Year drilled	Altitude above land-surface datum (feet)	Method of drilling	Depth of well (feet)	Diameter of well (inches)	Character of material in principal aquifer	Measuring point: Description	Measuring point: Above(+) or below(-) land-surface datum (feet)	Water level: Above(+) or below(-) land-surface datum (feet)	Water level: Date of measurement	Method of lift and type of power	Yield: Rate (gpm)	Yield: Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Remarks and other available data
(D-15-3) 9ddc-1	Moroni City Corp.	A-27170	1958	5,519	C	607	12	G,V	Tmp	+3.0	-	-	T,E	350Pr	8-22-58	P,O	52	-	Drilled originally in 1955, deepened in 1958. Cased to 340 ft; perf 60-134 ft. C, L, Y.
10aba-1	LaMont Blackham	A-20680	1949	5,680	C	300	6	V	Tc	+1.0	-84.9	9- 8-66	S,E	30Pr	11-10-49	S	50R	1,900	Cased to 180 ft. Dd 125 ft (R). F.
10dcd-1	Rodney Anderson	C-2125	1905	5,540	-	280	1½	A	-	-	-4	9- 9-66	C,E	-	-	S	-	-	
12abb-2	Latter-day Saints Church	C-3597	1950	5,612	-	60	4	A	-	-	-12	10-19-66	J,E	-	-	H,S	-	-	Replacement well for dug well 37 ft deep. Dd to bottom of well (R).
12bcc-2	E. A. Peterson	C-3605	1940	5,587	D	21	4	A	Tc	-3.0	-8.4	10-19-66	C,E	5Pe	10-19-66	H,S	54	-	Tile casing in dug well, gravel packed; perf 10-21 ft.
15aaa-1	E. R. Nielsen	-	1960	5,541	B	13	1	A	Bpb	+1.4	-5.0	9- 9-66	P,H	-	-	S	-	-	
15bbc-3	J. W. Irons	C-2635	1948	5,520	C	309	6	R,V	Tc	+.5	-13.6	10-26-66	T,E	84Pm	7-26-66	I,S, O	51	960	Replacement well. Cased to 256 ft; perf 29-33, 221-223 ft. Dd 17 ft (M). L, Y.
15cac-1	Elliot Cox	C-8259	1934	5,525	C	151	12	G,J	Edp	+10.0	-8.1	10-26-66	T,E	243Pm	7-26-66	I,S, O	52	900	UERA well. Cased to 48 ft; perf 10-40 ft. Dd 58 ft (R) pumping 525 gpm 8-26-34. L, Y.
16abc-1	Moroni Turkey Processing Plant	A-23042	1951	5,519	C	245	10	R	-	-	+	7-12-51	T,E	350Pr	11-18-66	N	-	-	Flowed 100 gpm (R) and pumped 500 gpm with Dd 45 ft when drilled 7-12-51. Perf 112-113, 150-156, 172-173, 192-194, 224-230 ft. L.
16adb-1	Rock Dam Irrigation Co. No. 1	C-2114 C-8258	1934	5,516	-	188	12	R	Hpb	0	-5.9	10-26-66	T,E	460Pr	7-26-66	I,O	52-53	1,000	Dd 36 ft (M). T 20,000 gpd per ft. F, W.
16adb-2	J. M. Irons	A-30025	1958	5,521	-	9,995	13	R	Tc	-6.0	-6.0	11-17-66	N	73Fr	1958	U	-	-	Drilled as oil test. Attempt made to develop for irrigation by perforating and applying chemicals failed. Cased to 963 ft. J, L.
16dca-1	Rock Dam Irrigation Co. No. 2	A-29173 a-3946	1961	5,509	H	648	12	C,J	-	-	-2	10- 1-61	T,E	1,070 Pm	7-26-66	I	63-66	730	Cased to 638 ft; perf 349-412, 433-475, 496-517, 538-638 ft. Dd 92 ft (R) pumping 1,680 gpm 10-23-61. L.
17adb-1	B. F. Eliason	C-2081	-	5,503	-	77	1½	A	Te	+1.5	+1.0	11-18-66	F	-	-	S	-	-	Flows at times.
18ccb-1	H. R. Thomas estate	C-2625	-	5,600	-	100	2	A	Tc	0	+2.6	11-18-66	F	Tr	11-18-66	S	52	460	
19cad-1	Pershing Jensen	A-35981	1964	5,565	J	168	2	S	Tc	+2.5	+7.1	11-21-66	F	.8Fm	11-21-66	S	50	540	F.
19cba-1	T. R. Dye	A-21074 A-28905	-	5,571	-	300	12	R	Tc	+1.5	+	11-18-66	F	1Fe	11-18-66	S	53	480	Originally intended for irrigation. F, J.
19ccc-1	Stanley Price	A-24872	1953	-	J	77	2	G	-	-	+5	5-21-53	F	3Fr	5-21-53	S	55R	-	F.
20adb-1	Howard Blackham	C-19208	-	5,498	-	150	2	A	Tc	+1.0	+2.0	11-22-66	F	.5Fe	11-22-66	S	51	520	
20bcc-1	B. L. Blackham	C-21305	-	5,527	-	25M	2	A	Tc	0	-.2	11-22-66	F	-	-	S	-	-	Flows at times.
20dda-1	P. A. Blackham	A-22798	1951	5,492	J	82	1½	R	Tc	+1.0	+2.0	11-22-66	F	.5Fe	11-22-66	S	50	520	F.
21ada-1	Moroni Feed Co.	A-23771	1952	5,505	C	258	16-12	R	-	-	-2	7- 1-52	M,E	540Pr	7- 1-52	N,F	-	-	Centrifugal pump used for industrial purposes, pumps 30-50 gpm; turbine pump on standby for fire protection. Perf 55-70, 202-207, 214-215, 218-258 ft. Dd 78 ft (R). F.
21bdd-2	Mrs. W. P. Winters	C-3738 C-8265	-	5,500	C	137	12	G	Bpb	+.4	-4.7	11-22-66	T,E	-	-	U	-	-	Originally intended for irrigation. Drilled well inside dug well, 36 ft deep. Reported to have interfered with flowing wells in area. F.
22bcb-3	Moroni Feed Co.	A-32101	1961	5,506	C	267	8	R	Tc	+.8	-6.0	11-23-66	S,E	150Pr	3-23-61	N	-	-	Cased to 267 ft; perf 45-50, 70-75, 205-215 ft. Dd 30 ft (R). L.
22dad-1	R. S. Blackham	A-14697	1942	5,567	C	99	4	-	Tc	-5.7	-21.1	11-23-66	S,E	10Pr	3-27-42	S	59R	1,000	Perf. 51-89 ft. F.
23cda-1	H. J. Draper	A-14708	1942	5,595	C	90	5	-	Tph	+3.0	-43.4	11-23-66	P,H	20Pr	12- 8-42	S	59R	-	Perf 70-80 ft. F.
25aab-1	Chester Irrigation Co.	C-2267 C-8263	1935	5,619	C	240	12	G,V	Tc	0	+	11-15-66	F	10Fe	11-15-66	I	52	620	UERA well. West well of two wells 7 ft apart; water flows into reservoirs at Chester Irrigation Co. Cased to 118 ft. Well pumped 40 gpm 1-13-35. J, L.

Table 1.--Records of selected wells - Continued

Well number	Owner, user, or name	Application or claim No.	Year drilled	Altitude above land-surface datum (feet)	Method of drilling	Depth of well (feet)	Diameter of well (inches)	Character of material in principal aquifer	Measuring point: Description	Measuring point: Above(+) or below(-) land-surface datum (feet)	Water level: Above(+) or below(-) land-surface datum (feet)	Water level: Date of measurement	Method of lift and type of power	Yield: Rate (gpm)	Yield: Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Remarks and other available data
(D-15-3)																			
25aab-2	Chester Irrigation Co.	C-16265	1934	5,619	C	80	12	-	Tc	0	+	11-15-66	F	10Fe	11-15-66	I	52	610	UERA well. East well of two wells (see 25aab-1). F, J.
25daa-1	Ruthford Osborne	A-31978	1960	5,650	-	118	2	F,V	Te	+1.0	+7.5	11-26-66	F	1.3Pm	11-26-66	S	48	830	Cased to 100 ft; perf 90-100 ft. F.
25dcc-1	M. R. Strate and Sons	A-23098 A-25650	1954	5,600	-	182M	4	F,V	Tc	+1.0	+4.6	11-28-66	F	4.6Fm	11-28-66	S	52	900	F, J.
26bca-1	Spafford Sumsion	A-19806	1951	5,527	C	171	12	-	Tc	0	-7.4	11-26-66	C,G	50Pr	6-12-51	S	-	-	Originally intended for irrigation. Flows at times. Cased to 60 ft. Dd 158 ft (R). J, L.
26ccd-1	Chester Waterworks Assoc.	C-2071 C-8280	1934	5,513	C	115	8	G,F	Tc	-4.1	-8.8	1-21-67	C,E	10Pr	10-12-34	H	-	1,100	Used by five families. Water impotable, used for bathing, washing, lawns. Cased to 104 ft; perf 23-31 ft. C, F.
1/ 27aad-1	Elden Westenskow	A-19860 A-28576 a-3595	1956	5,520	C	310	16	R,V	Hpb	+1.3	-7.2	10-26-66	T,E	723Pm	7-22-66	I,O	54	1,200	Slight mineral taste to water. Drilled originally in 1949, deepened in 1956. Cased to 150 ft; perf 100-150 ft. Dd 18 ft (M). L, W.
27acb-1	do	A-19859 A-25986	1948	5,515	C	120	6	R,V	Tc	-6.5	-10.7	11-23-66	L,E	331Pm	7-22-66	I,H, S	52	1,000	Centrifugal pump used for irrigation, submersible turbine pump used for domestic and stock. Cased to 97 ft. Dd 3 ft (R) pumping 72 gpm 9-29-48. F.
27bbc-1	H. J. Arnoldson	C-2138 C-2139	1934	5,492	C	100	10	G	Tc	+.5	-2.2	10-26-66	M,E	-	-	I,S, O	-	-	Well not used for irrigation for several years. Small centrifugal pump for stock. Cased to 100 ft. F, Y.
27cca-3	Willis Cloward	A-24882	1953	5,490	J	178	2	R	Tc	+2.0	-2.7	11-25-66	N	6Pr	6- 4-53	U	50R	-	F.
28aba-1	Glen Rasmussen	C-2100	-	5,486	J	70	1½	A	Te	+1.6	+2.4	10-26-66	F	1.6Fm	3-10-65	S,O	50-51	1,130L	C, W.
28daa-1	Oliver Dalton	C-8267	1934	5,486	C	151	12	G	Tc	+1.0	-3.8	11-25-66	N	450Pr	9- 8-34	U	-	-	UERA well. Originally intended for irrigation; reported to have interfered with flowing wells in vicinity. Perf 70-106, 132-145 ft. Dd 60 ft (R). J, L.
29cca-1	Lloyd Price	A-24957	1953	5,518	C	31	4	G	Te	+3.2	+4.8	11-22-66	F	2.4Fm	11-22-66	S	50	780	F.
30aaa-1	Lawrence Thomas	A-22159	1950	5,533	J	47	2	G	Te	+.5	+2.2	11-21-66	F	.2Fm	11-21-66	S	49	900	Cased to 46 ft. F.
30dbb-1	M. G. Olsen	A-17564 A-29681	1946	5,592	C	360	12	R,V	Tc	+1.0	-38.2	11-21-66	N	60Pr	6-30-46	U	-	-	Originally intended for irrigation. Cased to 297 ft; perf 41-54, 63-77, 98-115, 127-149, 249-253 ft. Dd 42 ft (R). J, L.
31aaa-1	L. V. Mumford	A-23770	1952	5,529	C	58	4	R	Tc	+.3	-33.1	10-28-66	P,H	8Pr	6-13-52	U,O	48R	-	Cased to 58 ft. F, W.
31dbc-1	N. F. Rees	A-23969	1955	5,562	C	210	4	G	Hpb	+1.7	-58.2	11-21-66	P,-	10Pr	10-13-55	S	50R	-	Drilled originally in 1952, deepened in 1955. Dd 34 ft (R). F.
32aac-1	L. N. Anderson	A-21685	1950	5,475	J	107	2	G	Te	0	+.6	11-22-66	F	1Fm	11-22-66	S	50	530	F.
32ccd-1	N. M. Thomas	A-23824	1952	5,495	C	40	4	R	Hpb	+2.3	-12.8	11-21-66	P,H	10Pr	5-26-52	S	51	1,900	F.
32dca-1	B. D. Lamb	A-34191	1962	5,475	J	207	2	R	Te	0	+.1	11-21-66	F	Tr	11-21-66	S	51	550	Cased to 184 ft. F.
33adc-1	Oliver Dalton and C. F. Anderson	C-2143	-	5,476	-	128	1½	A	Te	0	+2.5	11-25-66	F	2.2Fm	11-25-66	S	50	960	F.
33bba-1	L. C. Cloward	C-2079	-	5,479	-	120	1½	A	Te	+1.0	+4.0	11-25-66	F	2.0Fm	11-26-66	S	51	520	
33cdb-2	Reed Maxfield and Suburbia Land Co.	C-18759	-	5,470	-	100	2	A	Tc	+1.0	+5.8	11-25-66	F	5.0Fm	11-25-66	S	50	580	
33cdc-1	do	-	-	-	-	210M	10	R	Tc	+1.0	+	1-12-67	F	Tr	1-12-67	U	50	470	Originally intended for irrigation; reported to have interfered with flowing wells in vicinity. F, J.
34ada-1	R. B. Jensen	C-6209	-	5,500	-	90	2	A	-	-	-2	11-28-66	F	.4Fm	11-28-66	S	50	1,200	Originally intended for domestic use, but water impotable; replaced by 34ada-2.
34ada-2	do	C-6209	-	5,500	B	12	4	A	-	-	-2	11-28-66	C,E	-	-	H	-	990	
34cac-2	K. E. Candland	A-24656	1953	5,480	J	186	2	G	-	-	-2	5-19-53	C,E	5Pr	5-19-53	S	50R	1,000	Dd 6 ft (R). F.
34ddc-1	Ada Peterson	C-3766	-	5,478	-	110	1½	A	Tc	-1.0	+.1	11-26-66	F	.5Fm	11-26-66	S	50	640	
35baa-1	Rodney Irving	A-15314	1943	5,517	C	90	4-3	L	Tc	-1.0	-8.2	11-26-66	J,E	9Pr	8- 4-43	H,S	-	-	Casing 4 inch to 58 ft, 3 inch 55-90 ft; perf 58-90 ft. Dd 25 ft (R). F.

Table 1.--Records of selected wells - Continued

Well number	Owner, user, or name	Application or claim No.	Year drilled	Altitude above land-surface datum (feet)	Method of drilling	Depth of well (feet)	Diameter of well (inches)	Character of material in principal aquifer	Measuring point: Description	Measuring point: Above(+) or below(-) land-surface datum (feet)	Water level: Above(+) or below(-) land-surface datum (feet)	Water level: Date of measurement	Method of lift and type of power	Yield: Rate (gpm)	Yield: Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Remarks and other available data
(D-15-3)																			
36bad-1	M. R. Strate	A-31887	1960	5,600	-	66	4	-	Tc	0	+7.8	11-28-66	F	4Fm	11-28-66	S	50	1,400	
1/36bbb-2	Delon Dyches	A-26074	1954	5,533	J	25M	2	-	Tc	+2.0	-10.2	10-26-66	F	-	-	S,O	48-50	1,300	Flows part of year; 2-inch well nearby. Y.
36bbc-1	-	-	-	5,533	H	82M	2	-	Tc	+2.0	-9.1	11-26-66	F	-	-	S	-	-	Flows part of year; drilled by oil company as seismic hole. F, J.
(D-15-4)																			
2adb-1	City of Mount Pleasant	A-23763 a-3155	1952	6,109	C	297	12	R	Tmp	+5.0	-140.8	10-17-66	T,E	500Pr	11- 8-66	P,O	-	-	Supplemental supply to springs. Perf 170-180, 190-200, 235-255, 260-265, 270-285, 290-297 ft. Dd 80 ft (R) pumping 800 gpm 6-1-52. C, L, Y.
3bdb-2	P. A. Peel and others	A-22784	1952	5,847	C	204	12	G	-	-	-5	7-23-52	T,E	835Pm	7-29-66	I,S	51	590	Cased to 204 ft; perf. 21-184 ft. Dd 30 ft (R) pumping 1,200 gpm 7-23-52. L.
4bad-2	G. C. Sorenson and others	A-22565	1953	5,752	C	360	12	V,G	Hpb	+1.6	-31.1	10-17-66	T,E	1,230Pm	7-29-66	I,S, O	51-52	590	Largest supply obtained below 300 ft (R); flow at 170 ft. Cased to 360 ft. Dd 87 ft (R) pumping 1,300 gpm 6-21-53. L, Y.
4bbc-1	Madsen and Madsen	C-8269	1934	5,715	C	46	4	R	Tc	-4.0	-15.5	10-18-66	P,E	15Pr	1934	H,S	-	610	DRA well. F.
4cab-1	do	A-18114	1959	5,734	H	353	12-10-8-6	R	Tc	0	-31.1	10-17-66	T,E	838Pm	7-29-66	I,S, O	51	620	Drilled originally in 1948, deepened in 1959. Casing 12 inch 0-142 ft, 10 inch 140-180 ft, 8 inch 180-238 ft, 6 inch 238-353 ft. Cased to 353 ft; perf 40-180 ft. Dd 21 ft (M). T 321,000 gpd per ft. F, W.
4dda-1	Twin Creek Irrigation Co.	C-3606 A-18170 A-21135 a-3160	1934	5,812	C	245	12	-	Bpw	+1.0	-16.8	10-17-66	T,E	980Pm	7-29-66	I,O	50-51	638L	DRA well. Perf 18-240 ft. Dd 26 ft (M). C, F, W.
5dbd-1	E. S. Guyman	-	-	5,698	-	52M	4	A	Tc	+1.2	-12.9	10-18-66	P,H	-	-	S	-	-	
5dcd-1	B. E. Madsen	A-31123	1959	5,690	-	90	4	R	Tc	+.4	-9.3	10-18-66	J,E	-	-	S	-	590	Perf 30-40, 65-75 ft. F.
6ada-1	W. H. Brinton and State of Utah	C-3741 C-8279	1935	5,643	C	70	8	G,F	Tc	0	-3.2	10-19-66	N	50Pr	5- 8-35	U,O	50	910	Originally intended for irrigation and stock use. DRA well. Cased to 44 ft; perf 21-44 ft. Dd 7 ft (R) pumping 50 gpm 5-8-35. F, Y.
6bac-1	D. A. Olsen	C-3593	-	5,635	-	54	3	V	Twc	+.2	-.6	10-19-66	F	-	-	H,S	50	1,000	Artesian flow fills reservoir; pumped from reservoir with electric piston pump. Water has slight mineral taste.
7dad-1	Leslie Nelson	C-16325	-	5,660	-	52	1½	A	Tc	+1.0	+5.5	10-20-66	F	10Pm	10-20-66	S	50	580	
8acb-1	-	-	-	5,688	-	18M	4	A	Tc	0	-6.8	10-20-66	P,H	-	-	S	-	-	Tile casing.
8dcd-1	P. A. Peel	A-20091	1949	5,718	C	200	12-10	R	Tpp	0	-17.3	10-20-66	T,E	450Pm	7-28-66	I,S, O	50-52	619L	Casing 12 inch 0-85 ft, 10 inch 85-192 ft. Cased to 192 ft; perf 25-125 ft. Dd 70 ft (R). C, L, Y.
9add-1	Mount Pleasant City Airport	A-19124 A-30239	1947	5,845	C	102	6	G	-	-	-67	9-18-47	S,E	27Pr	9-18-47	C	-	-	Cased to 96 ft. F.
9bab-1	L. M. Anderson	A-20126 a-2944	1949	5,747	C	200	12	R	Hpb	+1.5	-29.3	10-20-66	T,E	753Pm	7-29-66	I,O	51	540	Cased to 200 ft; perf 30-160 ft. Dd 18 ft (M). F, W.
9bca-1	do	A-16987	1946	5,737	C	60	4	R	Tc	0	-22.0	10-20-66	P,H	10Pr	2-23-46	U	-	-	Cased to 57 ft. F.
9ccd-1	South Field Irrigation Co.	A-22175 a-3117	1961	5,748	H	335	12-10-8	R	Tc	0	-27.5	10-25-66	N	-	-	I	-	-	Temporarily unused; drilled originally in 1950 to 189 ft and used for about 7 years, deepened in 1961, not used since. Cased to 310½ ft. Casing 12 inch 0-180 ft, 10 inch 173-215 ft, 8 inch 208-310 ft; perf 0-180, 215-224, 228-241, 245-252, 253-289, 300-307 ft. J, L.

Table 1.--Records of selected wells - Continued

Well number	Owner, user, or name	Application or claim No.	Year drilled	Altitude above land-surface datum (feet)	Method of drilling	Depth of well (feet)	Diameter of well (inches)	Character of material in principal aquifer	Measuring point: Description	Measuring point: Above(+) or below(-) land-surface datum (feet)	Water level: Above(+) or below(-) land-surface datum (feet)	Water level: Date of measurement	Method of lift and type of power	Yield: Rate (gpm)	Yield: Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Remarks and other available data
(D-15-4) 10aac-1	Mount Pleasant City and Twin Creek Irrigation Co.	A-20610	1934	5,935	C	247	12-10	-	-	-	-15.3	8- 2-35	-	120Pr	6- 7-49	-	-	-	Well destroyed; originally intended for public supply and irrigation. DRA well. Perf 35-41, 154-200 ft. Dd 120 ft (R). F.
10bdb-1	Melvin Stulce	A-18839	1947	5,873	C	75	4	R	-	-	-50	8-12-47	J,E	6Pr	8-12-49	C	51R	540	Well buried. Perf 60-75 ft. Dd 15 ft (R). F.
10dca-1	David Peterson	A-18982	1947	5,983	C	73	4	G	-	-	-51	8-30-47	J,E	10Pr	8-30-47	H,S	52R	-	Well buried. Perf 65-73 ft. Dd 17 ft (R). F.
12ccb-1	H. D. Poulson	A-14670	1942	6,245	C	93½	4	G	Tc	+1.0	-68	5- 8-42	N	4Pr	5- 8-42	U	-	-	Well dry at 70 ft 10-25-66. Perf 75-93½ ft. F.
16ccb-1	George Faux	C-8274 C-11424	1935	5,792	C	99	4	R	Tc	-3.9	-43.3	11- 9-66	S,E	50Pr	1935	H,S	-	500	F.
17bad-2	Don Johansen	C-19728	1948	5,707	C	55	4	S	Tc	+1.0	-11.6	11- 9-66	N	2Pr	9-23-48	U	50R	-	Flows at times. F.
17ccb-1	Erven Brotherson	A-13672 a-2108	1948	5,692	C	150	12	R	Edp	+9.5	-9.2	10-26-66	T,E	403Pm	7-28-66	I,O	50	660	Cased to 150 ft; perf 26-135 ft. Pumping 786 gpm 8-10-48. Dd 32 ft (R). F, Y.
19abb-1	Willard Hansen	-	-	5,674	V	13M	1½	A	Tc	+2.3	-3.1	11-10-66	P,H	-	-	U	-	-	
19dcc-1	Donald Justeson	C-9841	-	5,684	D	15	15	A	-	-	-8	11-10-66	C,E	10Pr	11-10-66	S	-	810	Casing 15-inch corrugated culvert, gravel packed.
1/20cdc-1	Orin Jensen	C-8276	1934	5,756	-	210	12½	G	Tc	+.5	-3.2	10-26-66	N	160Pr	12- -34	U,O	-	-	DRA well; once owned by Horseshoe Irrigation Co.; originally intended for irrigation. Cased to 109 ft; perf 32-109 ft. L, W.
20dcb-1	F. E. Peterson	C-8202	-	5,760	D	40	60	A	Twc	0	-17.2	11-10-66	P,H	5Pe	11-10-66	S	52	580	
1/21dbd-1	T. W. Aiken	A-23207	1955	5,905	C	1,200	12	G	Edp	+5.0	-83.6	10-26-66	T,E	350Pr	12- 5-55	I,S, O	-	-	Drilled originally in 1952, deepened in 1955. Cased to 200 ft; perf 85-103, 115-134, 137-174 ft. L, W.
28cba-1	Virgil Mott	-	-	5,910	D	100	60	A	Twb	+3.1	-68.8	11-16-66	C,-	-	-	U	-	-	
29cad-2	W. H. Sorensen	A-25478	1954	5,798	C	200	6	R	Tc	+.5	-4.6	11-16-66	T,E	300Pr	12-14-54	I	-	-	Unused for several years. Cased to 150 ft. Dd 31 ft (R) pumping 300 gpm. L.
30bbb-1	Chester Irrigation Co.	C-2268	1935	5,638	-	230	12½	G,V	-	-	+	1935	F	-	-	I	-	-	Well under water in Chester Reservoir. UERA well. L.
30bbb-2	State of Utah and Chester Irrigation Co.	C-2266 C-8262	1935	5,638	-	195	12½	G,V	-	-	+	1-13-35	F	160Pr	1-13-35	I	51R	-	Well under water in Chester Reservoir. UERA well. Cased to 50 ft. Flowed 36 gpm 1-13-35 (R). F.
30cab-1	Kent and Ray Strate	A-36869	1965	5,690	H	175	4	F	Tc	0	-13.8	11-14-66	N	22Pr	4-26-65	H,S	52R	-	Pump and power not yet installed (1966). Cased to 175 ft; perf 80-90, 162-174 ft. F, J.
30ddc-1	M. R. and E. K. Strate	A-27442	1956	-	-	255	4	R	-	-	-12	1-27-56	-	200Pr	1-27-56	-	-	-	Well destroyed. Dd 128 ft (R). F.
31aba-1	do	A-27442	1959	5,759	C	253	12	G,V	Tc	+1.0	+	11-15-66	F	.8Fe	11-15-66	U	54	2,600	Replacement for 30ddc-1; originally intended for irrigation. Cased to 70 ft. F.
1/31adc-1	Federal Land Bank of Berkeley and C. A. Olsen	C-9765	-	5,814	-	150	2	A	Tc	0	+4.6	10-26-66	F	4Fm	3-16-65	S,I, O	51-52	680	F, Y.
31dcc-1	Frank Watson	A-20727 A-31447	1949	5,838	H	82	4	R	Tc	+1.4	+16.6	5-20-66	F	60Fm	3-16-65	I,S, O	50-51	639L	C, Y.
32bab-1	Town of Spring City	C-209 C-8275	1934	5,813	-	520	15-12½	V,F	Tc	-4.0	+40	11-10-34	F-C, E	77Fm	11-15-67	P,I	52	595L	UERA well. Pumped supplementary public supply to springs; flows for irrigation. Pumped 300 gpm (R) 11-10-34. Casing 15 inch 0-17 ft, 12½ inch 17-117 ft. C, J, L.
(D-15-5) 3bb-1	Arthur Candland and Southern Pacific Co.	C-7560	1931	-	-	700	2-1½	-	Tt	0	+22.0	4-24-36	F	45Fm	4-24-36	U	55	-	Southernmost of three wells drilled as coal prospect wells along west slope of Wasatch Plateau. Water has hydrogen sulfide and iron taste.

Table 1.--Records of selected wells - Continued

Well number	Owner, user, or name	Application or claim No.	Year drilled	Altitude above land-surface datum (feet)	Method of drilling	Depth of well (feet)	Diameter of well (inches)	Character of material in principal aquifer	Measuring point: Description	Measuring point: Above(+) or below(-) land-surface datum (feet)	Water level: Above(+) or below(-) land-surface datum (feet)	Water level: Date of measurement	Method of lift and type of power	Yield: Rate (gpm)	Yield: Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Remarks and other available data
(D-15-5) 10ba-2	B. E. Peterson and W. C. Olsen	A-20725	1949	7,500	-	1,183	13	V	-	-	+	10-25-66	F	3Fe	10-25-66	I	63	570	Cased to 80 ft. Flow of 190 gpm (R) and 600 gpm pumped 12-10-49. Water has hydrogen sulfide odor and taste. F.
(D-16-2) 13dda-1	Richard Christensen	C-48	1935	5,463	C	324	10	G	Edp	+7.5	-10.4	10-28-66	T,E	560Pm	7-22-66	I,S, O	56-57	880	Flows occasionally. Cased to 324 ft; perf 212-320 ft. Dd 107 ft (R) pumping 900 gpm 4-25-35. L, W.
24baa-1	F. R. Christensen	A-25167	1959	5,488	C	151	4	R	Hph	+2.4	-30.6	12-19-66	P,-	5Pr	3- 3-59	S	50R	-	Drilled originally in 1953, deepened in 1959. Dd 40 ft (R). F.
24cac-1	Rulon P. and May O. Mortensen	A-36348	1965	5,490	C	88	4	G	Tc	+1.0	-40.4	12-19-66	P,G	10Pr	4- 1-65	S	50R	-	Cased to 84 ft. Dd 8 ft (R). F.
24dbb-1	Edgehill Mortensen	C-26	1952	5,464	C	385	12-8	R	Tc	+2.0	-7.2	12-19-66	N	300Pr	9-18-52	U	-	-	Originally drilled in 1935, deepened in 1952. Originally intended for irrigation. Casing 12 inch 385 ft, 8 inch 200 ft. Dd 97 ft (R). J, L.
24ddd-1	Niels Mortensen, Jr.	C-11531	-	5,448	-	220	1½	A	Tc	+.5	+2.2	12-19-66	F	.2Fm	12-19-66	S	52	700	
25dad-1	Edgehill Mortensen	A-30332	1958	5,445	J	152	2	G	Te	+.5	+4.4	12-19-66	F	Tr	12-19-66	S	52	720	F.
35acd-2	R. E. Christensen	C-14 A-22922	1935	5,519	-	186	12	G	Hpb	+.7	-47.5	10-28-66	T,E	710Pm	7-21-66	I,O	57-58	1,140L	Dd 28 ft (M). C, F, W.
36add-1	John Lund	C-5737	-	5,434	J	135	1½	A	Tc	-.5	+5.0	12-19-66	F	.5Fm	12-19-66	S	52	600	Water has slight hydrogen sulfide odor and taste.
36bab-1	Z. C. Christensen	A-24051	1952	5,476	C	102	4	G	Hph	+2.7	-9.6	12-16-66	P,G	6Pr	9-10-52	S	48R	-	F.
36cbd-1	Sanpitch Pump Co.	A-27424	1955	5,471	C	301	16	G	Tc	+1.1	-21.1	10-28-66	T,E	955Pm	7-21-66	I,O	55-56	585L	Water has hydrogen sulfide odor and taste. Pumps sand with water. Cased to 301 ft, perf. 128-298 ft. T 100,000 gpd per ft (average using several observation wells). C, L, W.
36cda-1	Richard Christensen	-	-	5,440	-	240M	2	A	Tt	+1.5	+10.7	6- 4-65	F	4Fm	6- 4-65	S	52	470	T 126,000 gpd per ft, pumping at well (D-16-2)36cbd-1.
36dab-1	E. L. and Ethel Thompson	A-35848	1964	5,437	J	246	2	R	Tt	+1.0	+12.9	12-19-66	F	1.2Fm	12-19-66	S	53	440	Water has slight hydrogen sulfide odor and taste. Cased to 238 ft. F.
(D-16-3) 1bbb-2	J. K. Poulsen	C-21915	1965	5,556	H	107	4	V?	Tc	+1.1	+10.6	11-29-66	F	22Fm	11-29-66	S	52	710	Replacement well. Perf 95-105 ft. F.
2abb-1	Everett Strate	A-32039	-	5,496	-	128	4	-	Te	+2.5	+6.6	11-29-66	F	15Fm	11-29-66	S	51	1,400	Water has slight mineral taste.
3acd-1	I. J. Johnson	C-4457	-	5,462	-	138	2	-	Te	0	+.8	11-29-66	F	3Fe	11-29-66	S	51	1,700	
3bbc-1	William Anderson	C-4301	-	5,471	-	205M	3	A	Tt	+2.0	+7.1	11-29-66	F	30Fm	11-29-66	I,S	52	1,100	One of five wells at same location which discharge total of 52 gpm. F, J.
3cbb-1	Matesen estate	C-74	-	5,466	-	160	4	A	Te	+2.0	+7.3	9-14-66	F	70Fm	9-14-66	I	52	1,000	
3cbb-2	do	C-69	-	5,465	-	190	4	A	Te	+1.0	+8.2	9-14-66	F	168Fm	9-14-66	I	54	960	
4aaa-1	Reed Maxfield and Suburbia Land Co.	C-2252	-	5,470	-	160	2	R	Tc	+.2	+4.7	10-28-66	F	10Fm	11-28-66	S,I, O	51-52	1,100L	Cased to 160 ft. C, F, W.
4aaa-2	do	C-2253	-	5,470	-	140	2	R	Tc	+1.8	+5.1	10-28-66	F	12Fm	11-28-66	S,I	51	1,230L	C, F.
4bad-1	V. A. Christensen	C-20670	1950	5,467	J	115	1½	G	Te	+1.5	+9.9	12- 5-66	F	8.5Fm	12- 5-66	S	50	600	Cased to 114 ft. F.
4dbd-2	L. R. Bagnall	C-2274	1951	5,462	J	142	2	S	Te	+1.0	+8.4	12- 6-66	F	2Fm	12- 6-66	S	51	530	Replacement well. F.
5abd-1	West Point Irrigation Co.	C-8266	1934	5,470	C	294	12	R	Tc	-1.0	+	12- 5-66	F	15Fe	12- 5-66	I,S	51	510	UERA well. Cased to 287 ft; perf. 90-287 ft. Water level -10.0 ft (static) 9-4-35; water level -160 ft (pumping at 800 gpm) 10-13-34. Reported to interfere with flowing wells in vicinity and to pump sand. J, L.
5ccb-2	K. E. Anderson	A-16113	1944	5,486	C	131	4	R	Tc	+1.0	-7.7	12- 5-66	N	16Pm	10- 2-44	S	-	-	Cased to 130 ft. Dd 4 ft (R) while pumping 16 gpm. F, J.

Table 1.--Records of selected wells - Continued

Well number	Owner, user, or name	Application or claim No.	Year drilled	Altitude above land-surface datum (feet)	Method of drilling	Depth of well (feet)	Diameter of well (inches)	Character of material in principal aquifer	Measuring point: Description	Measuring point: Above(+) or below(-) land-surface datum (feet)	Water level: Above(+) or below(-) land-surface datum (feet)	Water level: Date of measurement	Method of lift and type of power	Yield: Rate (gpm)	Yield: Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Remarks and other available data
(D-16-3)																			
1/7abc-1	D. N. Dyches	C-20663	1948	5,497	C	85	6	G	-	-	-28	10-26-48	P,G	10Pm	3-9-65	S	50-55	997L	Originally intended for irrigation. Perf 65-85 ft. Dd 2 ft (R) pumping 25 gpm 10-26-48. C, F.
1/7abc-2	do	-	1959	5,497	C	220	2	G	Tc	0	-13.1	10-28-66	N	-	-	U,O	-	-	Well drilled as test hole. Cased to 95 ft. Located 20 ft east of (D-16-3) 7abc-1. Y.
7acc-2	do	A-22130	1951	5,467	J	105	2	G	Te	+1.0	+7.9	12- 8-66	F	.7Fm	12- 8-66	S	50	700	F.
7ccb-1	D. L. Christensen	A-35167	1963	5,461	J	241	2	S	Tc	+1.0	+5.4	12- 8-66	F	.5Fm	12- 8-66	S	52	780	Water has slight hydrogen sulfide odor and iron taste. Cased to 196 ft. F.
7dda-1	H. B. Lamb	-	-	5,454	-	-	2	A	Tc	+1.0	+11.5	12- 5-66	F	Tr	12- 5-66	S	49	-	
8daa-1	J. L. Seely	C-14306	-	5,452	-	340	10	R	-	-	-	-	F	24Fm	12- 6-66	I,S	55	670	Casing 8 inch at surface. F, J.
8dcc-1	R. A. Olsen	C-11451	-	5,450	J	140	1½	S	Tc	-	+	12- 7-66	F	12Fm	12- 7-66	S,I	51	510	Casing leaks below surface. F.
9adb-1	L. R. Bagnall	A-22623	1951	5,458	J	175	2	S	Te	+2.0	+9.7	12- 6-66	F	1.2Fm	12- 6-66	S	51	760	F.
1/9bbb-1	J. L. Seely	-	-	5,458	-	93M	2	A	Tc	0	+9.6	10-28-66	F	2Fm	3- 9-65	S,O	51-52	584L	C, W.
9bcc-1	do	C-14313	-	5,454	J	347M	4	R	Tc	+1.5	+16.0	12- 6-66	F	110Fm	12- 6-66	I,S	55	788	J, L.
9bcc-2	do	C-14312	-	5,455	J	500	3	A	Tc	+1.6	+11.4	9- 3-35	F	12Fm	3- 8-65	I,S	55	-	
10abb-1	Rulon Peterson	C-2658	-	5,452	-	138	1½	A	Tc	+.5	+5.8	12- 7-66	F	2Fm	12- 7-66	S	52	600	
10cdd-1	S. E. Christensen	C-4443	-	5,451	-	260	4	R	Tc	+.5	+9.9	12- 7-66	F	4Fm	12- 7-66	S,I	52	540	F, J.
13daa-1	B. W. DeBunce	-	-	-	D	49	48	A	-	-	-48.0	9- 3-35	-	-	-	-	-	-	Well destroyed.
1/13dad-1	Lawrence Hermansen	C-20741	1947	5,860	C	71	48	L	Tc	-2.5	-42.0	1-18-67	N	-	-	U,O	50R	870	Originally dug prior to 1900; drilled deeper in 1947. W.
1/14ddc-1	Christian Larsen and sons	C-65	1935	5,641	C	275	10	R	Tc	0	-13.4	1-18-67	N	-	-	U,O	-	-	Originally intended for irrigation. Well plugged at 16 ft. Cased to 275 ft. L, W.
15aca-1	Lavar Francks	C-8492	-	5,496	-	70	3	A	Tc	-.2	-28.8	8- 4-58	P,G	5Pe	8-13-58	U,O	-	-	Y.
15adc-1	do	A-12588 a-2775	1938	5,520	C	250	12-8	G,V	Hc	0	-53.3	8-28-56	T,D	553Pm	7-22-66	I,O	52-53	1,200	Casing 12 inch 0-113 ft, 8 inch 0-143 ft. F, Y.
1/15cda-1	Thayne Aagaard	A-26992 a-3502	1955	5,483	C	200	16	G,V	Bpw	+1.4	-14.3	11- 3-66	T,D	811Pm	8- 9-66	I,O	52-54	1,420L	Cased to 200 ft; perf. 50-55, 87-200 ft. Dd 43 ft (M). T 40,000 gpd per ft. C, L, Y.
16aad-2	Curtis Rasmussen	C-3417 C-3421	1963	5,450	J	156	2	R	Te	+1.0	+5.9	12- 9-66	F	2.7Fm	12- 9-66	S	51	520	Cased to 153 ft. Water has slight hydrogen sulfide odor and taste. F.
16caa-1	Eugene Allred	C-11429	1941	5,449	J	131	1½	S	Tc	-.5	+3.5	12- 9-66	F	.5Fe	12- 9-66	S	52	540	Originally drilled about 1900, deepened in 1941. Cased to 129 ft.
17aad-2	R. A. Olsen	C-11450	1929	5,450	J	140	1½	S	Tc	-.5	+5.4	12- 9-66	F	1.2Fm	12- 9-66	S	51	570	Replacement well. F.
17dac-2	D. K. Olsen	C-4113	1949	5,446	J	133	2	S	Te	+.5	+3.6	12- 9-66	F	.9Fm	12- 9-66	S	54	520	Replacement well. Slight hydrogen sulfide odor and taste. Cased to 130 ft. F.
18adb-1	Stanley Price	C-11453 C-20876	-	5,442	-	225	2	A	Tt	0	+1.5	12- 7-66	F	.5Fm	12-7-66	S	50	590	Well cleaned to 178 ft 12-14-48; water level +13 ft (R) 12-14-48.
18bad-1	B. D. Lamb	A-34192	1963	5,442	J	322	2	R	Tt	-.5	+1.0	12- 8-66	F	Tr	12- 8-66	S	51	540	Cased to 220 ft. F.
18bba-1	Silver Creek Reservoir Co.	C-8268	1934	5,445	-	385	6	-	Tc	0	-1.0	12- 8-66	N	20Fr	1934	U	-	-	UERA well. Cased to 62 ft. Flowed slightly when drilled in 1934. F.
19aca-1	L. S. Olsen	A-22005	1952	5,440	J	168	2	S	Tt	+1.5	+7.9	12-12-66	F	12Fm	12-12-66	S,I	52	510	Cased to 168 ft. F, J.
20abc-1	N. I. Olsen	C-4325	-	5,444	J	145	2	S	Te	+.3	+3.9	12-12-66	F	.3Fm	12-12-66	S	57	500	F.
20bad-2	do	C-4321	1950	5,443	J	120M	2	S	Te	+.3	+5.1	12-12-66	F	10Fm	12-12-66	S	60	520	Replacement well. Water has slight hydrogen sulfide odor and mineral taste. F, J.
20bbc-1	do	C-4324	-	5,440	J	180	2	-	Te	+1.0	+8.7	12-12-66	F	3.3Fm	12-12-66	S	54	510	
21ada-1	R. O. Olsen	C-21864	-	5,461	-	30	4	-	Tc	0	0	12-10-66	C,G	-	-	S	-	-	Probably flows at times.
1/21bbb-2	A. F. Olsen	C-10332	1958	5,442	J	152	2	S	Edp	0	+4.5	11- 3-66	F	2.4Fm	3- 6-65	S,O	53-55	567L	Replacement well. Cased to 152 ft. C, L, W.
21cbc-1	Thayne Aagaard	C-4456	-	5,440	-	220	4	R	Tc	+.5	+17.4	12- 9-66	F	10Fm	12- 9-66	I,S	54	770	Water has hydrogen sulfide odor and taste. F, J.
21cdb-2	L. H. Nielson	C-20673	1946	5,446	J	98	1½	R	Tt	+1.0	+10.4	11- 3-66	F	2.7Fm	3- 6-65	S,O	52-53	1,340L	Replacement well. C, F, Y.
22abc-1	Thayne Aagaard	C-4455	-	5,500	C	65	4	V?	Tc	0	-26.8	12-10-66	P,G	5Pe	12-10-66	S	-	1,700	

Table 1.--Records of selected wells - Continued

Well number	Owner, user, or name	Application or claim No.	Year drilled	Altitude above land-surface datum (feet)	Method of drilling	Depth of well (feet)	Diameter of well (inches)	Character of material in principal aquifer	Measuring point: Description	Measuring point: Above(+) or below(-) land-surface datum (feet)	Water level: Above(+) or below(-) land-surface datum (feet)	Water level: Date of measurement	Method of lift and type of power	Yield: Rate (gpm)	Yield: Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Remarks and other available data
(D-16-3)																			
22bcc-1	Parley Hansen	C-3878	-	5,472	-	35	3	V?	Tc	+0.3	-13.9	12-10-66	C,G	-	-	S	-	-	
23cbc-1	Thayne Aagaard	A-15116	1943	5,585	C	208	5	V	Tc	0	-113.0	12-10-66	P,G	5Pr	3-13-43	S	61R	-	Dd 5 ft (R). F.
24aba-1	Lawrence Hermansen	A-31229	1959	5,820	-	172	4	A	Twc	0	+47.2	9-15-66	F	70Fm	7-21-66	I,S, O	54	806L	Drilled by oil company as seismic test hole. Casing 4 inch 0-170 ft, 3 inch 0-75 ft. C, W.
25cbd-1	Curtis Armstrong	-	-	5,803	-	70	4	A	Tc	-4.2	-42.7	12-14-66	J,G	10Fe	12-14-66	H,S	-	490	
26ccb-1	P. C. Peterson estate	C-11420 C-19569	1915	5,633	-	800	6	S	Tc	+1.0	+30.5	12-13-66	F	4.0Fm	12-13-66	S,I, O	60	810	Drilled as oil test. Water has hydrogen sulfide odor and taste. Cased to 240 ft, open end. L, Y.
27bac-1	Neldon Hansen	A-15115	1943	5,503	C	103	4	R	-	-	-29	3-16-43	P,G	5Pr	3-16-43	S	60R	-	Cased to 86 ft. F.
1/27ccb-1	K. A. Olsen	A-18422 a-3108	1963	5,520	C	300	16-12	G,V L	Hpb	+1.7	-21.3	11- 3-66	T,D	1,335Pm	11-14-66	I,O	52	970	Casing 16 inch 0-137 ft, 12 inch 130-300 ft; perf 100-133, 136-297 ft. Dd 91 ft (M). L, W.
27cda-1	P. G. Hansen	A-21403	1950	5,543	C	92	6-4	V	Hpb	+.2	-43.4	12-13-66	P,G	10Pr	5-11-50	S	-	-	Casing 6 inch 0-71 ft, 4 inch 0-92 ft; perf 80-92 ft. Dd 21 ft (R). F.
28aad-1	Eva Beal Anderson	A-15598	1945	5,491	C	267	12-10	R,F	Tc	+.6	-19.7	11- 3-66	T,D	839Pm	7-15-64	I,O	54	-	Casing 12 inch 0-118 ft, 10 inch 100-153 ft; perf 18-112, 118-153 ft. Dd 31 ft (M). L, Y.
28bbd-1	J. G. Olsen	C-15187	1902	5,445	-	-	2	A	Bor	+2.0	+18.4	12-12-66	F	60Fm	12-12-66	I,S	54	1,000	
28cda-1	J. K. Olsen and others	C-3731	1927	5,468	-	104	12	G	-	-	-9.4	12- 1-35	T,E	671Pm	7-21-66	I	50-52	1,500	Well can flow at land surface, but has subsurface drain about 8 ft below ground level. Perf 8-104 ft. Dd 25-30 ft (E). F.
28cda-3	J. K. Olsen	-	1918	5,460	J	257	4	A	Tc	+.8	+	12-13-66	F	.4Fm	12-13-66	S	50	-	Perf 150-? Stops flowing when (D-16-3)28cda-1 is pumping. Water level +2.67 ft 12-1-35.
29bad-1	Fred Schultz	C-17354	-	5,440	-	135	1½	A	Tc	0	+7.5	12-12-66	F	1.4Fm	12-12-66	S	53	560	F.
31adc-1	Mrs. Andrew Thomson and G. A. Thomson	C-11653	-	5,435	-	387	4	A	Te	+1.0	+19.1	12-16-66	F	17.1Fm	12-16-66	I,S	56	900	
31dac-2	G. E. Anderson	-	-	5,435	-	320	8	R	-	-	+	12-16-66	F	30Fm	12-16-66	I,S	54	530	Second 8-inch well nearby, not flowing at surface, but appears to do so below surface. Water has slight hydrogen sulfide odor and taste. F, J.
31dcc-1	W. H. Bailey and Orsen Poulsen	C-11458	1908	5,427	J	140	1½	A	Te	+1.0	+6.2	12-16-66	F	5Fm	12-16-66	S	52	420	
32adb-2	Dean Christensen	A-21237	1950	5,448	J	128	2	G	Te	+.5	+9.7	12-14-66	F	.2Fm	12-14-66	S	51	700	Cased to 126 ft. F.
32bbb-1	Hillary Larson	A-21294	1950	5,439	J	198	2	G	Tt	+1.5	+12.8	12-14-66	F	5Fm	12-14-66	S	53	860	Water has strong hydrogen sulfide odor and taste. F.
32daa-1	Chris Olsen	C-7330	-	5,462	-	165	6	A	-	-	+	12-14-66	F	18.8Fm	12-14-66	I,S	50	530	Well equipped with turbine pump but not used.
1/32dda-1	do	C-7333	1928	5,468	C	190	8	A	Tc	0	-3.4	11- 3-66	N	-	-	U,O	-	-	Originally intended for irrigation. Flows at times. Plugged at 7 ft. Perf 124-190 ft. Y.
32ddc-2	S. G. Beal	C-11673	1900	5,466	J	140	1½	G	Nss	+.8	+16.8	11-15-66	F	-	-	U,O	-	-	Observation well equipped with continuous recorder. T 137,000 gpd per ft (pumping at well (D-17-3) 5add-1). F, W.
33acd-1	G. C. Willardson	A-21812	1950	5,475	J	200	2	G	Tc	0	+.8	12-14-66	F	.5Pm	12-14-66	S	50	1,000	F.
33bab-1	P. S. Justenson	C-11538	-	5,461	J	118	1½	A	Te	+1.0	+4.5	12-14-66	F	6Fm	12-14-66	S,O	50	700	Casing 2 inch at surface. Y.
33dca-1	G. C. Willardson	A-29093	1958	5,488	C	147	4	R	-	-	-2	6- 7-58	J,E	20Pr	6- 7-58	N,S	50R	720	Water used in milk processing for Skyline Dairy. Well sealed. Dd 13 ft (R). F.
34bac-1	Elma Larson Nielsen	A-17043	1946	5,503	C	58	4	G	Tc	+.5	-	-	J,G	-	-	S	-	-	Cased to 54 ft. F.
34bbc-1	C. N. Peterson	C-21861	-	5,490	C	30	6	A	Tc	-.3	-7.0	12-14-66	C,G	-	-	S	-	-	
(D-16-4)																			
5bdd-1	Perry Jensen	A-27928	1956	6,050	C	84	8	-	-	-	-	-	-	-	-	-	-	-	One of three wells, 84, 81, and 55 ft deep, drilled as uncased test holes, but subsequently plugged and destroyed. No water encountered (R). F.

Table 1.--Records of selected wells - Continued

Well number	Owner, user, or name	Application or claim No.	Year drilled	Altitude above land-surface datum (feet)	Method of drilling	Depth of well (feet)	Diameter of well (inches)	Character of material in principal aquifer	Measuring point: Description	Measuring point: Above(+) or below(-) land-surface datum (feet)	Water level: Above(+) or below(-) land-surface datum (feet)	Water level: Date of measurement	Method of lift and type of power	Yield: Rate (gpm)	Yield: Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Remarks and other available data
(D-16-4)																			
6dbc-1	C. D. Beck	-	-	5,909	D	29½M	48	A	Twc	0	Dry	11-16-66	N	-	-	U	-	-	
7ccd-1	J. H. Larsen	A-32733	1961	5,940	H	150	5	R	Tc	+.5	-54.8	11-16-66	N	-	-	S	-	-	Cased to 60 ft; perf 40-60 ft. Pumps dry quickly (R). F.
18bac-1	do	C-20965	1950	5,939	C	185	6	L	Tc	+2.0	-57.9	11-16-66	P,G	4Pr	5- 4-50	S	-	820	Drilled well inside dug well, 88 ft deep. Cased to 90 ft. Dd 109 ft (R). F.
18cbc-1	Lawrence Hermansen	C-20742	1947	5,870	D	56	96-72	A	-	-	-50	6-13-47	P,G	7Pm	7-30-65	S	52	1,200	Originally dug in 1904, deepened in 1947. Gravel packed around casing. Dd 6 ft pumping 35 gpm (R) 6-13-47. F.
19aab-1	Neff Deleeuw	A-20407	1950	6,092	C	101	6-4	V,F	-	-	-44	4-28-50	P,G	6Pm	11-17-66	S	52	470	Casing 6 inch 0-41 ft, 4 inch 41-101 ft; perf 65-?, 96-? ft. Dd 16 ft pumping 8 gpm 4-28-50. F.
19ccc-1	Thayne Aagaard	-	-	5,957	-	50M	4	A	Tc	+.5	-46.7	12-14-66	P,H	-	-	U	-	-	
23add-1	Horseshoe Irrigation Co.	A-26002	1955	7,671	-	7,767	13-7	-	-	-	-	-	-	-	-	U	-	-	Drilled by oil company as oil test, plugged and abandoned in 1955. Local residents report much water encountered under great pressure. F.
(D-17-2)																			
1baa-1	Edgehill Mortensen	A-27506	1955	5,439	J	158	2	G	Te	+2.6	+7.2	5-25-65	F	2.0Fm	5-25-65	S	52	910	Cased to 158 ft. T 89,000 gpd per ft (pumping at well (D-16-2)36cbd-1). F.
1bca-2	R. F. Reid	C-11528	-	5,444	-	225	2	G	Te	+1.0	+5.4	10-28-66	F	.9Fm	2-10-65	S,O	52-53	460	Cased to 225 ft. T 100,000 gpd per ft (pumping at well (D-16-2)36cbd-1). F, W.
1bdb-2	R. E. Christensen	C-11508	-	5,445	-	196M	1½	A	Te	+1.6	+5.6	5-25-65	F	1.4Fm	5-25-65	S	52	480	
1cba-1	Luterry Larson	C-11414	1920	5,438	-	340	4	A	Tt	+1.2	+16.0	8-30-47	F	5.0Fm	12-20-66	S,I	55	517L	Water has hydrogen sulfide odor and taste and iron stain. Water level +14.3 ft and flowing 15 gpm 3-27-40; flowing 80 gpm 8-30-47. C, F, J.
1cba-2	do	C-11415	1920	5,438	-	220	1½	A	-	-	+10.0	8-29-47	F	10Fm	8-29-47	S	51R	769L	Water level +5.4 ft and flowing 1 gpm 3-27-40. C, F.
1cbb-1	S. R. Larson	A-23497	1952	5,441	J	346	2	G	Te	+1.5	+3.3	5-25-65	F	1.4Fm	5-25-65	S	52	730	Cased to 182 ft. T 300,000 gpd per ft (pumping at well (D-16-2)36cbd-1). F.
1cbb-2	do	A-24136	1952	5,441	J	161	2	G	Edp	+1.6	+4.5	5-25-65	F	.8Fm	5-25-65	S	52	730	T 270,000 gpd per ft (pumping at well (D-16-2) 36cbd-1). F.
1dac-1	Roger Johnson	A-35441	1964	5,428	J	190	2	S	Te	+1.5	+10.8	12-20-66	F	4Fm	12-20-66	S	52	500	Cased to 173 ft. F.
1ddc-2	Ruth Anderson	C-2564	-	5,428	-	290	4	R	Tc	0	+20.3	12-20-66	F	265Fm	12-20-66	I,S	54	480	J, L.
10ddd-2	L. B. Nielsen estate	C-4481	-	5,445	-	260M	2½	G	Tt	+1.0	+6.4	1- 5-67	F	1.5Fm	1- 5-67	S	55	600	Water has slight hydrogen sulfide odor and taste. J, L.
11ada-1	D. F. Madsen	C-513	-	5,422	-	200	2	A	Te	+1.0	+6.1	1- 5-67	F	1Fm	1- 5-67	S	50	440	
11dab-1	D. P. Madsen	C-3879	-	5,425	-	250	1½	A	Tc	0	+3.8	1- 5-67	F	Tr	1- 5-67	S	49	325L	C.
11ddb-1	Dora Mortensen	A-31475	1960	5,419	J	257	2	S	-	-	+7	5-28-60	F	6Fr	5-28-60	S	-	-	F.
12aca-1	James Rasmussen	C-7380	-	5,423	-	267	4	A	Tc	+1.0	+9.5	12-29-66	F	48Fm	12-29-66	I,S	51	540	Three other wells in immediate vicinity--12abc-1, 400 ft deep, 6-in. diameter, and flowing 10 gpm with static water level +8.6 ft; 12abd-1, 348 ft deep, 6-in. diameter, flowing 15 gpm; and 12abd-2, 300 ft deep, 4-in. diameter, flowing 22 gpm.
12ada-2	Erastus Rasmussen	C-3412	-	5,423	-	232M	4	R	Tc	+2.0	+18.0	1-16-67	F	70Fm	12-30-66	I,S	52	540	Casing 8 inch at surface. Evidently discharged sand with water and collapsed. F.
12add-1	Curtis Rasmussen	A-27763	1958	5,423	C	246	4	S	-	-	+20	2- 6-58	F	6Fr	2- 6-58	U	50R	-	Originally intended for stock watering. Well plugged and abandoned; replaced by well add-2. F.
12add-2	do	A-27763	1962	5,423	J	232	2	R	Te	+.3	+7.4	12-30-66	F	Tr	12-30-66	S	52	-	Replaces well 12add-1. F.
12bac-1	C. V. Stevens	A-22635	1951	5,423	J	253	2	S	Te	+1.2	+10.2	12-29-66	F	4Fm	12-29-66	S	50	470	Cased to 247 ft. F.
12cda-1	H. W. Jensen	C-4331	-	5,417	-	264	4	A	Tt	+1.0	+11.4	12-30-66	F	45Fm	12-30-66	I,S	52	640	J, L.
13aad-1	J. A. Nielson	C-3859	-	5,423	-	225	1½	A	Te	+1.5	+13.7	12-30-66	F	5.4Fm	12-30-66	S	50	670	

Table 1.--Records of selected wells - Continued

Well number	Owner, user, or name	Application or claim No.	Year drilled	Altitude above land-surface datum (feet)	Method of drilling	Depth of well (feet)	Diameter of well (inches)	Character of material in principal aquifer	Measuring point: Description	Measuring point: Above(+) or below(-) land-surface datum (feet)	Water level: Above(+) or below(-) land-surface datum (feet)	Water level: Date of measurement	Method of lift and type of power	Yield: Rate (gpm)	Yield: Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Remarks and other available data
(D-17-2)																			
13bdd-1	Jacob Thompson	A-20975	1949	5,417	J	205	2	R	Te	+0.5	+14.8	12-30-66	F	12Fm	12-30-66	S,I	50	590	Cased to 203 ft. F.
14aab-3	S. R. Larson	C-11521	-	5,419	-	260	4	S	Tc	+2.0	+9.8	1- 7-67	F	40Fm	1- 7-67	I,S	51	470	Probably cased to 170 ft. One of four wells in same field which flow total of 64 gpm; other wells are 2-in. and 3-in. diameter. F, J.
14abb-3	A. C. Larsen	A-31085	1959	5,420	J	245	2	S	Te	+2.0	+8.1	1- 7-67	F	3.3Fm	1- 7-67	S	50	480	F, J.
14baa-1	do	A-22378	1950	5,422	J	337	2	R	Te	+1.0	+17.9	10-28-66	F	.3Fm	3- 4-65	S,O	49-53	480	Replaced by well 14abb-3. Water has slight hydrogen sulfide odor and taste. F, Y.
14cbd-1	Clifton Bailey	A-33291 A-35402	1962	5,420	J	185	2	R	Te	+.5	+8.8	1- 7-67	F	.5Fm	1- 7-67	S	50	660	Cased to 183 ft. F.
14ddd-1	C. H. Thompson	A-24451	1953	5,420	J	179	2½	S	-	-	+21	8-27-53	F	6Fr	8-27-53	S	-	-	F.
15acd-2	N. A. Nielson	C-4477	-	5,443	-	240	3-2	G	Tc	0	+5.5	1- 6-67	F	20Fe	1- 7-67	I,S	54	670	F.
15acd-4	do	C-4484	-	5,442	-	240	4	A	Tt	+1.0	+5.3	1- 6-67	F	21Fm	1- 7-67	I,S	54	650	
15dac-1	Clifton Bailey	C-80	-	5,437	-	145	2	A	Te	+1.0	+14.5	1- 7-67	F	5Fm	1- 7-67	S	52	832L	One of two wells about 2 ft apart, both claimed under C-80 and both 145 ft deep and 2-in. diameter. C.
15dac-3	do	C-81	-	5,438	-	208	4	A	Te	+1.5	+16.2	1- 7-67	F	10Fm	1- 7-67	I,S	54	490	One of two wells about 1 ft apart, both claimed under C-81; second well is 208 ft deep and 2-in. diameter.
22aab-1	Charles Funk	C-17365	-	5,450	-	126	4	A	-	-	+4	1919	F	12Fm	1- 5-67	I,S	56	770	Casing broken, leaks beneath surface.
22dac-1	Claude Maylett	A-24894	1954	5,449	C	347M	8-6	R	Tc	+1.5	+7.6	1-17-67	C,G	150Pm	9-15-66	I,S	57	530	Cased to 347 ft; perf 170-320 ft. Casing 8 inch 0-32 ft, 6-inch 32-308 ft. Flowed 42 gpm (M) 9-15-66. J, L.
22ddb-3	do	A-23542	-	5,441	-	171M	4	R	Tt	+1.0	+15.5	1- 5-67	F	28Fm	1- 5-67	S,I	56	720	F, J.
22ddc-3	Edwin Davenport	-	-	5,435	-	-	2	A	Tc	+1.7	+6.4	3- 4-65	F	.5Fe	3- 4-65	S	52	830L	C.
23caa-1	R. G. Johnson	A-21224	1950	5,418	J	234	2	G	Te	+1.5	+12.0	1- 5-67	F	.2Fm	1- 5-67	S	50	510	Water has mineral taste. F.
23daa-1	Erastus Rasmussen	A-26352	1954	-	J	217	2	R	-	-	+31	10-19-54	F	6Fr	10-19-54	S	-	-	F.
24ada-1	C. P. Keller	A-32292	1960	5,422	J	183	2	G	Te	+2.2	+21.7	1- 3-67	F	.5Fm	1- 3-67	S	50	580	F.
24bac-1	E. J. Larson	A-26346	1954	5,418	J	197	2	S	Te	+2.0	+16.0	1- 3-67	F	40Fm	1- 3-67	S	53	550	Cased to 196 ft. F.
25aad-1	R. P. Cox	A-28439	1957	5,430	C	203	4	R	-	-	+18	7-17-57	F	15Fr	7-17-57	S	54R	-	Cased to 199 ft. F.
25bdb-1	N. P. Madsen	C-2708	-	5,423	-	170	1½	A	Te	+.5	+9.6	1- 4-67	F	.8Fm	1- 4-67	S	51	520	F.
25cda-1	Stewart Shand	A-30054	1958	5,438	J	336	2	R	Tt	+2.0	+6.6	1- 4-67	F	4Fm	1- 4-67	S	50	560	Perf 125-130 ft. F.
25ddc-2	A. S. King	A-32038	1961	5,440	J	158	2	R	Te	+2.0	+12.5	1- 4-67	F	4.6Fm	1- 4-67	S	52	660	Originally drilled in 1960, deepened in 1961. F.
25ddc-3	C. R. Keller	A-36247	1964	5,440	J	300	2	Q	Te	+2.1	+24.0	1- 4-67	F	.8Fm	1- 4-67	S	52	420	Water has slight hydrogen sulfide odor and taste. Cased to 293 ft; perf 287-293 ft. F.
26abc-1	R. G. Johnson	A-16926	1945	5,420	C	183	4	S	Tc	0	+15.5	1- 4-67	F	42Fm	1- 4-67	I,S	54	480	Water has slight hydrogen sulfide odor and taste. Cased to 180 ft. F, J.
26ccd-1	Kjar Bros.	-	-	5,420	-	185	2	A	Tc	+1.0	+6.0	1- 5-67	F	1Fm	1- 5-67	S	51	480	
26cda-1	do	C-9874	-	-	-	190	1½	R	-	-	+	1914	F	-	-	S	-	-	F.
26dba-1	R. P. Cox	A-26428	1954	5,419	J	243	2	R	Tt	+1.0	+15.9	1- 4-67	F	12Fm	3- 1-65	S,O	52-54	510	Water has slight hydrogen sulfide odor and taste. Cased to 242 ft. F, W.
27abc-1	Claude Maylett	C-12114	-	5,444	-	100	2	A	Te	+2.0	+12.5	1- 5-67	F	1Fm	6- 3-65	S,O	52-54	820	W.
34adb-3	Kjar Bros.	-	-	5,420	-	200	3	A	Tc	0	+9.7	1- 7-67	F	10Fm	1- 7-67	I,S	51	500	One of four wells in 34adb which flow total of about 40 gpm.
35ada-1	L. M. Kjar	A-13418	1942	5,450	C	350	14-8	G,R	Tc	+1.0	+14.5	7- 3-58	F	75Fr	1-12-42	I	53	665L	Originally drilled in 1941, deepened in 1942. Perf 127-140, 215-280 ft. Casing 14 inch 0-150 ft, 8 inch ?-350 ft. Pumped 175 gpm 1-12-42 (R); flowed 40 gpm 7-7-41 (R). C, L.
35bcc-2	Mrs. Hazel Barton	C-3948 a-4482	1964	5,435	J	147	2	R	-	-	+7	7- 8-64	F	15Fr	7- 8-64	S	52R	-	Replacement well. Perf. 141-147 ft. F.

Table 1.--Records of selected wells - Continued

Well number	Owner, user, or name	Application or claim No.	Year drilled	Altitude above land-surface datum (feet)	Method of drilling	Depth of well (feet)	Diameter of well (inches)	Character of material in principal aquifer	Measuring point: Description	Measuring point: Above(+) or below(-) land-surface datum (feet)	Water level: Above(+) or below(-) land-surface datum (feet)	Water level: Date of measurement	Method of lift and type of power	Yield: Rate (gpm)	Yield: Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Remarks and other available data
(D-17-2)																			
35dbb-2	A. K. Barton	C-19582	1960	5,448	J	220	2	G	Tt	+1.0	+11.2	1- 7-67	F	6.7Fm	1- 7-67	S	50	530	F.
36cba-1	R. P. Cox	-	1918	5,469	-	50	4	A	Tc	0	-3.4	11- 4-66	F	12Fm	6-22-65	S,I, O	49-50	840	Well flows part of year. W.
36cba-2	do	-	-	5,469	-	52M	2	A	Tc	+.6	-2.3	3- 1-65	F	-	-	U	-	-	Well flows part of year.
36cdc-2	R. P. and Dorothy S. Cox	C-20	1959	5,489	C	353	12-10	G	Edp	+6.3	-17.1	11- 2-66	T,E	735Pm	7-19-66	I,O	52	780	Replacement well for cdc-1, 185 ft deep, 12 inch, drilled in 1935, destroyed. Originally drilled in 1941, deepened in 1959. Casing 12 inch 0-185 ft, 10 inch 185-353 ft; perf 77-84, 94-98, 118-123, 140-288 ft. F, Y.
36dcb-1	Kjar Bros.	A-27313 A-28263	1956	5,493	C	307	16	L,V, G	-	-	-27	6- 8-56	T,E	2,790Pr	7- 4-56	I	-	-	Cased to 190 ft; perf 94-100, 115-124, 154-157 ft. Well flowed in 1965. Dd 6 ft 7-4-56 (R); pumped 3,200 gpm in 1965 (R). L.
(D-17-3)																			
2cac-1	Sherman Mortensen	A-23801	1952	5,738	C	105	4	R	-	-	-75	5-21-52	P,G	18Pr	5-21-52	S	-	830	Dd 5 ft (R). F.
2cdc-1	G. J. Nielson	A-21415	1950	5,740	C	106	9-6	G?	-	-	-53	4-12-50	P,G	36Pr	4-12-50	S	-	710	Casing 9 inch 0-106 ft, 6 inch 0-59 ft; perf 76-101 ft. Dd 3 ft (R). F.
3acc-1	B. R. Sorensen	A-37663	1966	-	C	97	4	-	-	-	-36	7-27-66	-	4Pr	7-27-66	S	54R	-	Dd 20 ft (R). F.
3cbb-1	Snow College	A-18620	1949	5,549	C	350	12-10	V	Edp	+4.1	-45.5	11- 3-66	T,E	196Pm	7-10-64	I,O	52	-	Water has hydrogen sulfide odor and taste. Casing 12 inch 0-118 ft, 10 inch 115-350 ft; perf 45-110, 145-290 ft. Dd 100 ft (M). L, Y.
4aad-1	N. E. Noyes	C-11513	-	5,519	-	85	3	A	Hph	+1.9	-25.2	12-21-66	P,G	-	-	U	-	-	
5abd-1	W. E. Thorpe	A-32014	1960	5,463	J	204	2	R	Te	+1.2	+16.2	6- 9-66	F	2Fm	6-11-66	S	51	420	Cased to 204 ft. T 93,000 gpd per ft (pumping at well (D-17-3)5add-1). F, J.
5adb-2	L. P. Olsen	C-21013	1951	5,473	J	171	2	R	Te	+.5	+14.8	6- 9-66	F	2Fm	6-11-66	S	48	440	Replacement well. Cased to 171 ft. T 72,000 gpd per ft (pumping at well (D-17-3)5add-1). F.
5add-1	Ditches 7 and 8 Pumping Co.	A-11763 a-1411	1936	5,487	-	396	12-8	R	Edp	+13.3	-2.5	11- 3-66	T,E	985Pm	6-10-66	I,O	50-51	660	Flows at times, 80 gpm (M) 6-7-66. Casing 12 inch 0-224 ft, 8 inch 217-396 ft; perf 30-63, 342-390 ft. Dd 63 ft (R) after pumping 1,100 gpm 12-30-36. T 90,000 (average using four observation wells while pumping). L, Y.
5cda-2	R. W. Poulson	C-20503	1963	5,463	J	153	2	R	Te	+.3	+1.1	12-21-66	F	Tr	12-21-66	S	49	550	Replacement well. Cased to 150 ft. F.
5dba-2	Niel Benson	A-24833	1953	5,472	J	229	2	G	Te	+1.0	+19.3	6- 9-66	F	5Fr	9-21-53	S	50	-	Cased to 229 ft. T 57,000 gpd per ft (pumping at well (D-17-3)5add-1). F.
6aad-1	J. H. Larsen	C-9761 C-11837	1918	5,442	H	325	4	R	Tc	0	+18.4	11- 3-66	F	10Fm	3- 3-65	S,I, O	55-56	658L	Well contains much orange-yellow algae. C, F, J, W.
6bba-2	N. A. Thompson	C-11474	1918	5,432	J	222	4	A	Tt	+.8	+14.6	12- 3-35	F	63Fm	12- 3-35	U	53	480	Originally intended for irrigation. Well plugged with wood in 1966. Water has slight hydrogen sulfide odor and taste.
6bbc-1	N. A. Thompson and others	C-11473	1918	5,431	J	260	4	A	-	-	+15.7	12- 3-35	F	80Fm	12- 3-35	U	52R	-	Originally intended for irrigation. Well plugged in 1966.
6bcd-1	N. A. Thompson	-	-	5,433	-	154	1½	A	Tt	+2.1	+6.8	1-21-67	F	3.3Fm	1-21-67	S	53	656L	C.
6cab-1	G. A. Anderson	C-11526	-	5,433	J	160	1½	A	Te	+.8	+6.6	11- 3-66	F	1.2Fm	3- 4-65	S,O	51-52	740	W.
6cca-1	Hans Christensen and D. H. Thompson	C-5717	-	5,431	-	250	4	A	Tc	+1.0	-	-	F	125Fe	7-21-66	I,S	52	-	
6dbb-3	N. P. Christensen	C-11431	1920	5,439	J	160	1½	A	Tc	0	+5.8	8- 4-58	F	.3Fm	12- 3-35	U,O	52	832L	Well plugged in 1965. C, W.
6ddd-2	W. D. Stewart	C-568	1952	5,445	-	210	1¾	R	Tc	0	+6.7	12-21-66	F	3Fm	12-21-66	S	50	600	Replacement well. Perf 20-2 ft. F.
6ddd-3	do	C-18305	-	5,446	-	200	2	A	Te	+2.5	+6.1	12-21-66	F	4Fm	12-21-66	S	50	600	
7add-2	L. B. Nielson	C-11516	-	5,448	-	250	1½	A	Te	+.5	+6.0	12-28-66	F	Tr	12-28-66	S	49	700	
7bbb-1	Jacob Thompson	C-11485	1931	5,428	J	400	4-2-1¼	S	Te	+1.2	+13.5	12-29-66	F	6Fm	12-29-66	S,I, O	52	540	Casing 4 inch 0-165 ft, 2 inch 165-268 ft, 1¼ inch 268-397 ft; not perf, flows tapped by separated casings. F, Y.

Table 1.--Records of selected wells - Continued

Well number	Owner, user, or name	Application or claim No.	Year drilled	Altitude above land-surface datum (feet)	Method of drilling	Depth of well (feet)	Diameter of well (inches)	Character of material in principal aquifer	Measuring point: Description	Measuring point: Above(+) or below(-) land-surface datum (feet)	Water level: Above(+) or below(-) land-surface datum (feet)	Water level: Date of measurement	Method of lift and type of power	Yield: Rate (gpm)	Yield: Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Remarks and other available data
(D-17-3)																			
7cad-2	Jacob Thompson	C-11492	-	5,425	-	225	3	A	-	-	+	12-28-66	F	40Fm	12-28-66	I,S	52	610	
7cad-3	Elliot Johnson	C-11499	-	5,428	-	180	1½	A	Tc	0	+11.0	12-28-66	F	20Fm	12-28-66	S,I	50	830	
7dbd-2	Howard and Alton Nielson	C-3864	-	5,438	-	300	4	R	Tc	0	-	-	F	25Fm	12-29-66	I	52	630	Casing broken and leaks below surface. F, J.
7dbd-3	L. G. Nielson	C-10503	-	5,437	-	285	3	A	Tc	0	+29.4	12-29-66	F	6Fm	12-29-66	I,S	52	580	
7dcd-1	Vail Nielson	-	-	5,439	-	-	1½	A	Te	+1.0	+5.1	12-29-66	F	4.6Fm	12-29-66	S	50	-	
7dcd-3	L. G. Nielson	A-21069	1955	5,443	J	179	2	G	Te	+1.0	+14.8	12-29-66	F	.8Fm	12-29-66	S	50	600	Replacement well. F.
7ddc-2	do	A-10509	1961	5,449	C	68	4	R	-	-	-9	10-18-61	C,E	50Pr	10-18-61	S	52R	690	Replacement well. Perf 48-68 ft. Dd 20 ft (R). F.
8bab-1	J. O. Anderson	C-4427	-	5,459	J	186	1½	A	Te	+.6	+3.1	11- 3-66	F	1.2Fm	3- 3-65	S,O	50	680	Well drilled before 1900. Cased to 112 ft. W.
8cca-1	R. L. Larsen	A-32728	1961	5,464	H, J	142	4	G	Tc	+1.2	-1.2	12-28-66	C,G	15Pr	10- 5-61	S	-	-	Cased to 140 ft. Dd 10 ft (R). F.
8cda-1	do	C-10498	1912	5,473	J	400	6	A	Tc	-1.0	-5.5	12-29-66	N	-	-	U,O	-	-	Originally intended for irrigation. Cased to 350 ft. Well plugged to about 30 ft, mostly destroyed. Y.
8cda-2	do	A-18388	1950	5,477	C	278	12	G	Tc	0	-9.9	11- 3-66	T,E	1,135Pm	9- 4-64	I,S, O	52	810	Flows at times; flow 225 gpm (E) 8-11-65. Cased to 278 ft; perf 160-165, 184-190, 195-203, 213-230, 242-255, 266-273 ft. Dd 21 ft (M). F, Y.
8cdb-1	do	C-2562	-	5,463	-	164	2	A	Te	+1.0	+5.1	12-28-66	F	4Fm	12-28-66	S	50	720	Cased to 130 ft. F.
8cdb-2	do	C-2562	1961	5,463	J	209	2	G	Tt	+.3	+9.6	12-28-66	F	12Fm	12-28-66	S	50	750	Replacement well for cdb-1. F.
8cdd-1	L. G. Nielson and Arthur King	A-26941	1956	5,485	C	300	16	R	Bpb	+.3	-20.3	11- 3-66	T,E	1,290Pm	7-20-66	I,S, O	52	-	Cased to 300 ft; perf. 86-? ft. Dd 50 ft (M). L, Y.
9bda-2	Vertis Nielson	A-24888	1960	5,538	C	63	4	G	Tc	0	-44.2	12-21-66	N	20Pr	5- -60	S	-	-	Replacement well. Cased to 54 ft. Dd 10 ft (R). F.
9cbd-1	S. E. Christensen	C-4466 C-8260	1934	5,520	-	285	10	R	Tc	+1.0	-33.2	11- 3-66	T,E	698Pm	7-28-66	I,S, O	51-53	630	DRA well. Cased to 276 ft; perf 88-240 ft. Dd 78 ft (R) while pumping 685 gpm 4-28-60. L, W.
9dcc-1	W. W. Steinman	A-31968	1960	5,556	C	94½	4	G	Tc	-5.4	-68.8	12-22-66	J,E	8Pr	7- 7-60	C	55R	-	Source of water for drive-in theater. F.
13ada-1	City of Ephraim	A-26696	1956	6,640	C	1,380	20-16-12-10	-	Tc	0	+	12-22-66	F	20Pe	12-22-66	I	52	940	Water mineralized. Casing 20 inch 0-79 ft, 16 inch 79-162 ft, 12 inch 162-894 ft, 10 inch 894-1,300 ft. F.
16adb-1	Marcus Hermansen	A-32117 a-4462	1960	5,620	C	173	4	-	Tc	+.5	-130.1	12-22-66	S,E	10Pr	8- 1-60	S	-	-	Cased to 165 ft. Dd 5 ft (R). Well dynamited at bottom. L.
16adc-1	G. W. Young	A-12827	1939	5,600	-	130	4	G	Tc	+.2	-95.5	12-22-66	S,E	25Pe	12-22-66	S	-	550	Perf 118-130 ft. F.
16bda-1	Phil Olsen	A-33444 A-35382	1963	5,575	C	132	4	G	Tc	+1.0	-93.9	12-22-66	S,E	10Pr	3-27-63	S	-	-	F.
1/17aad-1	Willow Creek Irrigation Co.	C-8261	1934	5,523	-	298	12	G	Bpw	+.7	-43.2	11- 3-66	T,E	623Pm	7-20-66	I,O	52	-	DRA well. Cased to 298 ft; perf. Dd 30 ft (M). F, W.
17caa-1	J. A. Nielson and sons	A-26568	1955	5,493	-	453	12	G	Edp	+6.3	-18.7	11- 3-66	T,E	946Pm	7-20-66	I,O	52-54	790	Cased to 430 ft; perf 95-162, 181-213, 228-270, 380-395, 425-430 ft. Dd 49 ft (M). L, Y.
18acd-2	J. A. Nielson	A-32368	1961	5,451	J	186	2-1½	G	Te	+1.5	+14.1	12-31-66	F	1.6Fm	12-31-66	S	51	640	Casing 2 inch 0-146 ft, 1½ inch 0-186 ft. F.
18bca-1	W. E. Thorpe	C-5723	-	5,429	-	260	4	G	Tc	0	+28.4	12-31-66	F	76Fm	12-31-66	I,S	52	640	Well 3-inch diameter at surface. F, J.
18bcd-1	Peter Lund estate	C-12754 C-18667	-	5,428	-	218	4	A	Te	+1.0	+18.3	12-31-66	F	125Fm	12-31-66	U	50	640	Originally intended for irrigation. Reported to have interfered with discharge of springs in area.
19aca-2	F. D. Keller	C-16879	-	5,453	-	155	4	A	Tc	+2.0	+16.3	1- 3-67	F	72Fm	1- 3-67	S,H	52	550	One of three flowing wells located at aca-1, aca-2, and abd-1, all 4-inch diameter, which flow a total of about 100 gpm; aca-1 and aca-2 are for irrigation and stock use.
19bab-1	Jacob Keller	C-16874	-	5,432	-	150	4	A	Tc	+.3	+15.6	12-31-66	F	15Fm	12-31-66	I,S	50	610	
1/19bcb-1	F. D. Keller	C-16882	1890	5,426	J	60M	2	A	Te	+1.6	+12.7	1- 3-67	F	1.6Fm	3- 3-65	S,O	50-52	667L	C, W.
19cac-1	Frank and Milton Madsen	C-3020	-	5,438	-	125	1½	G	-	-	+	1- 3-67	F	7Fm	1- 3-67	S	52	640	F.
19dba-3	Kendall Keller	C-16884	-	5,453	-	155	3	A	-	-	+	1- 3-67	F	33Fr	1- 3-67	S	51	600	
20bbc-1	Manti and Ephraim Airport	A-14561	1941	5,489	C	95	4	G	-	-	-22	11-19-41	N	5Pr	11-19-41	U	-	-	Originally intended for commercial use. Perf 85-95 ft. Dd 3 ft (R). F.

Table 1.--Records of selected wells - Continued

Well number	Owner, user, or name	Application or claim No.	Year drilled	Altitude above land-surface datum (feet)	Method of drilling	Depth of well (feet)	Diameter of well (inches)	Character of material in principal aquifer	Measuring point: Description	Measuring point: Above(+) or below(-) land-surface datum (feet)	Water level: Above(+) or below(-) land-surface datum (feet)	Water level: Date of measurement	Method of lift and type of power	Yield: Rate (gpm)	Yield: Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Remarks and other available data
(D-17-3)																			
20bdd-1	Keller and Hansen	A-13212	1942	5,503	C	300	14-8	R	Tc	0	-29.4	11- 3-66	T,E	692Pm	7-20-66	I,O	52-53	690	Originally drilled in 1941, deepened in 1942. Casing 14 inch 0-170 ft, 8 inch 170-300 ft; perf 154-164 ft. Dd 48 ft (M). F. Y.
20cdb-1	Halbert Jensen	A-31597	1961	5,524	C	390	12	G	Hpb	+1.3	-51.4	11- 3-66	T,D	1,080Pm	7-14-66	I,O	52	720	Cased to 287 ft; perf 85-285 ft. Dd 35 ft (M). T 381,000 gpd per ft. L, W.
1/20dbb-1	Kendall Keller and others	A-27361	1956	5,546	C	436	12	G	Hpb	+.8	-70.6	11- 3-66	T,E	766Pm	7-14-66	I,S, O	52	775L	Cased to 416 ft; perf. Dd 64 ft (M). C, L, Y.
21dca-1	Bank of Ephraim	C-16540	-	5,672	-	800	6-3	A	Hph	+2.0	-125.3	7-14-66	P,W	5Pe	7-14-66	S	54	560	
22bbc-1	E. D. Reid	A-31615	1960	-	C	56	4	A	-	-	-	-	-	5Pr	7- -60	-	-	-	One of three wells; all destroyed because of boulders encountered during drilling. F.
30aaa-1	Peterson and Madsen	A-21939	-	5,490	C	200	12	A	Edp	+6.8	-19.4	11- 3-66	T,D	664Pm	7-13-66	I,O	52-53	760	Well has flowed. Dd 70 ft (M). Y.
30acb-1	Alton Peterson	C-2724	-	5,443	-	-	1½	A	Te	+1.5	+11.0	7-13-66	F	1.5Fm	7-13-66	S	52	480	
30bac-2	I. L. Peterson	C-2725	1959	5,434	J	165	2	R	Te	+1.0	+12.1	7-13-66	F	.8Fm	7-13-66	S	52	490	Replacement well. F.
30dab-1	Clarence Miller	-	1945	5,481	C	48	4	A	Tc	0	-18.2	7-13-66	P,G	-	-	S	-	-	Flows during some years.
30dac-1	D. A. Shand	A-33888	1962	5,478	C	196M	4	G	Tc	+1.0	-3.7	7-13-66	N	9Pr	10-16-62	S	50R	-	Well flows at times. Originally drilled in 1961, deepened in 1962. Cased to 195 ft. Dd 5.5 ft (R). J, L.
30dbd-1	David Olsen, Jr.	C-2696	1921	5,453	J	103M	3-2½	A	Tr	+1.5	+9.8	11- 3-66	F	4.6Fm	3- 1-65	S,O	52	596L	C, W.
31aaa-1	D. A. Shand	A-15102	1943	-	C	90	5	F	-	-	-60	2-17-43	-	5Pr	2-17-43	S	-	-	Well probably destroyed, unable to locate.
31aaa-2	do	A-15102	1960	5,538	C	127	6	F	Tc	+.3	-57.4	6-26-66	T,E	16Pr	12-22-60	S	48R	1,200	Perf 100-122 ft. Dd 2 ft (R). F.
31bab-3	S. G. Johnson	A-33640	1961	5,447	J	186	2	G	Tr	+3.0	+26.6	6-26-66	F	10Fm	6-26-66	S	54	490	F.
31bcb-1	A. H. Miller	A-14557	1942	5,456	C	77	3	R	Tr	+1.2	+9.2	6-26-66	F	.9Fm	6-26-66	S	52	750	F.
31caa-1	Thomas Hougaard	A-25408	1956	5,473	J	177	2	R	Tc	+1.0	+2	7-11-56	F	.2Pr	7-11-56	S	50R	-	Originally drilled in 1953, deepened in 1956. Cased to 176 ft. L.
31caa-3	Mrs. Stella D. Lund	C-2672 a-4531	1964	5,473	J	100	2	G	Tc	+1.0	+8.0	6-23-66	F	6Fm	6-23-66	S	53	950	Replacement well. Perf 95-100 ft. F.
31cbb-1	Thomas Hougaard	C-2684	1923	-	J	258	3	A	Te	+1.7	+	6-29-66	F	9Fm	6-29-66	S	-	-	
31dba-1	N. P. Madsen	A-34551	1962	5,490	C	74	4	G	Tc	-3.6	-11.9	6-23-66	J,E	8Pr	9-17-62	S	54R	910	F.
31dbb-1	F. A. Keller	A-19374	1948	5,479	C	66	4	R	Tc	+1.4	+1.4	6-23-66	F	2.5Fr	9-20-48	S	50R	910	F.
31dcc-1	George Barton	C-3901	-	5,496	-	100	3	A	-	-	-4.5	7-29-58	J,E	5Fr	-	S	-	-	Flows at times.
32bdd-1	N. P. Madsen	A-20526	1950	5,604	C	152	6-4	G,F, V	Tc	-4.0	-97.7	6-23-66	J,G	5Pr	9-17-50	S	50R	-	Perf 20, 132-152 ft. Dd 8 ft (R). F.
32ccd-1	E. M. Johnson	A-16451	1945	5,578	C	108	5	R	Tc	-4.5	-78.6	6-23-66	J,E	8Pr	3-14-45	S	-	810	Perf 74-108 ft. Dd 6 ft (R). F.
(D-18-2)																			
1aad-1	G. W. Cox	A-14773	1942	5,514	C	60	4	G	Tc	-3.0	-35.9	5-30-66	J,E	5Pr	5-12-42	S	-	-	F.
1bba-1	Gerald Alder	A-21130	1950	5,487	C	76	4	S	-	-	-12	2-28-50	P,G	20Pm	6- 1-66	S	51	810	Dd 4 ft (R) while pumping 6 gpm. F.
1bbd-1	Calvin Keller	A-13464	1938	5,499	C	60	4	G	Tc	+.2	-27.3	6- 1-66	J,E	10Pr	11- -38	S	-	-	F.
1bdd-1	Westfield Irrigation Co.	A-15944 a-2483	1951	5,527	C	250	12	R	Edp	+5.6	-56.2	11- 2-66	T,E	1,175Pm	5-26-66	I,O	51	830	Originally Manti Irrigation Co. well No. 1. Cased to 250 ft; perf 65-248 ft. Dd 14 ft (R) while pumping 1,200 gpm 3-17-51. F, Y.
1cdb-1	South Oldfield Irrigation Co.	A-15944 a-3195 A-31067	1948	5,540	C	300	12-10	R	Tc	+.6	-68.5	11- 2-66	T,E	860Pm	5-26-66	I,O	52	790	Originally Manti Irrigation Co. well No. 4. Casing 12 inch 0-168 ft, 10 inch 165-300 ft. Dd 10 ft (M). Perf 55-300 ft. F, Y.
1daa-1	G. W. Cox	C-20436	1935	5,555	-	203	12	G	Tc	+1.7	-81.8	12-30-60	N	697Pm	5-29-59	U,O	-	-	Used as observation well 1935-62, replaced by well 1daa-2. Perf 95-150, 190-200 ft. Dd 42 ft (R). F, W.
1daa-2	do	C-20436	1960	5,555	-	233	12	G	Tc	+1.4	-78.6	11- 4-66	T,E	1,140Pm	5-26-66	I,O	51	810	Replacement well for 1daa-1. Cased to 233 ft; perf 100-215 ft. Dd 26 ft (M). T 383,000 gpd per ft. L, W.
2aac-2	M. R. Braithwaite	C-3013	1953	5,478	C	71	4	R	Tc	+.5	-6.1	5-26-66	J,E	6Pr	2- 6-53	S	50R	830	Replacement well. Cased to 65 ft. Dd 15 ft (M). F.

Table 1.--Records of selected wells - Continued

Well number	Owner, user, or name	Application or claim No.	Year drilled	Altitude above land-surface datum (feet)	Method of drilling	Depth of well (feet)	Diameter of well (inches)	Character of material in principal aquifer	Measuring point: Description	Measuring point: Above(+) or below(-) land-surface datum (feet)	Water level: Above(+) or below(-) land-surface datum (feet)	Water level: Date of measurement	Method of lift and type of power	Yield: Rate (gpm)	Yield: Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Remarks and other available data
(D-18-2)																			
2abc-1	M. R. Braithwaite	A-33880	1962	5,468	C	152	4	G	Tc	+2.3	+3.3	5-25-66	F	1.2Fm	5-25-66	S	52	-	Dd 5 ft (R) while pumping 8 gpm 5-10-62. F.
2adc-1	A. K. Barton and sons and others	A-22737	1951	5,497	C	154	12	R	Edp	+6.0	-30.0	11- 2-66	T,E	1,170Pm	9- 1-64	I,O	51-52	850	Cased to 154 ft; perf 30-154 ft. F, Y.
2bac-1	M. L. King	A-20320	1948	5,462	C	165	4	A	Te	+1.8	+9.6	5-25-66	F	3.2Fm	5-25-66	S	52	550	
2bac-2	do	A-25612	1954	5,455	J	121	2	S	Te	+2.0	+17.5	5-25-66	F	15Fm	5-25-66	S	53	550	F.
2bdc-1	P. M. Smith	A-35145	1963	5,461	J	152	2	G	Te	+2.7	+13.8	5-25-66	F	4.6Fm	5-25-66	S	52	-	Cased to 147 ft; perf 140-147 ft. F.
2cac-1	E. C. Tuttle	C-2298	-	5,462	-	50	3	A	Te	+.9	+3.0	5-13-66	F	2.6Fm	5-13-66	S	49-51	810	Flows only part of year.
2cdb-1	do	C-2297	-	5,463	-	50	3	A	Tc	+.8	-1.4	11- 2-66	P,G	6.7Fm	5-13-66	S	49-51	820	Flows only part of year. W.
2cdb-2	do	C-2299	-	-	-	200	2	A	Te	+1.5	+7.1	8- 8-58	F	2Fm	8- 8-58	S	-	-	Flows only part of year.
2cdd-1	E. W. Madsen	C-2694	-	5,481	-	500	2	R	Tc	0	-3.7	5-24-66	P,G	-	-	S	-	-	5-inch casing at surface. F.
2dcb-1	E. A. Tuttle	A-24368	1952	5,485	C	41	4	G	Hph	+4.0	-14.8	5-24-66	P,G	12Pr	11-26-52	S	-	-	Dd 3 ft (R). F.
2dcc-1	J. L. Hall	A-24319	1952	5,491	C	46	4	G	-	-	-15	11-23-52	P,G	12Pr	11-23-52	S	51	-	Cased to 45 ft. Dd 1 ft (R). F.
2ddc-1	A. J. Judd	A-16141	1944	5,504	C	50	4	G	-	-	-24	10-23-44	P,G	6.7Pm	10-23-44	S	50	720	Dd 7 ft (R) while pumping 16 gpm 10-23-44. F.
3aac-2	Jennis Allred	A-26224	1954	5,432	J	98	2	G	Te	+.8	+7.7	5-13-66	F	.5Fm	5-13-66	S	51	460	F.
3abb-1	P. F. Keeler	A-31355	1959	5,429	H	65	4	R	Tc	+.5	-2.2	5-23-66	N	45Pr	12- 6-59	S	-	-	Perf 45-65 ft. Dd 12 ft (R). F.
3dad-2	Lee Barton	C-3891	-	5,443	-	150	3	A	Tc	+.8	+9.4	5-23-66	F	30Fm	5-23-66	I,S	50	780	One of four wells at same location, all 3 inch diameter; flowing a total of 72 gpm.
10acc-1	James Chapman	A-22165	1950	5,440	C	60	4	R	Tc	-5.0	-8.4	5-12-66	J,E	4Pr	10-15-50	S	52R	720	Dd 14 ft (R). F.
1/10daa-1	Henry Mackey	-	-	5,454	J	62M	1¾	A	Te	+.8	+4.6	5-12-66	F	5.5Fm	5-12-66	S,O	50-52	813L	C, Y.
1/10daa-2	do	A-15759	1944	5,454	C	60	8	R	Tdp	0	+4.6	5-12-66	F	5Fm	5-12-66	S	51	-	Perf 55-59 ft. F.
11aac-2	E. K. Tooth	A-19352	1961	5,511	C	102½	4	G	Tc	+1.0	-39.4	5- 6-66	N	16Pr	10- 4-61	S	50	670	Replacement well, not yet used in 1966. Dd 2 ft (R). F, J.
11bac-2	B. F. Huhme	A-25349	1953	5,477	J	63	2	G	Tc	+1.0	-9.0	5-13-66	N	10Pr	12-30-53	U	50R	-	Dd 11 ft (R). F.
1/11bcc-2	W. J. Wintch	A-31499	1959	5,462	H	39	6	R	Tc	+1.0	-3.6	5-12-66	C,G	65Pr	12- 4-59	S	-	-	Perf 29-39 ft. Dd 2 ft (R). F.
11ccb-2	G. W. Cox	C-2690	1953	5,462	J	118	2	R	Te	+.8	+7.3	5-12-66	F	8Fm	5-12-66	S	52	780	F.
11dcd-1	E. R. Mickelson	A-29184	1957	5,507	C	30	4	-	-	-	-17	7- 8-57	N	15Pr	7- 8-57	U	52R	-	Dd 5 ft (R). Well plugged at 6 ft below surface. F.
11dcd-2	do	A-29184	1959	5,507	H	80	3	R	Hph	+2.2	-37.9	5-10-66	P,G	24Pr	12-20-59	S	-	-	Replacement well. Perf 65-80 ft. F.
12bab-1	City of Manti	C-13390	-	5,552	-	304	12	G	Tc	+1.5	-79.5	11- 2-66	T,E	648Pm	7-18-66	I,O	51-52	808L	Water traded to Manti Irrigation Co. for use of springs for public supply. Cased to 270 ft; perf 88-270 ft. Dd 14 ft (M). C, F, Y.
12bdc-1	E. K. Tooth and others	A-15944 A-31066	-	5,567	C	250	12- 10- 8	A	Edp	+6.6	-92.9	11- 2-66	T,E	455Pm	7-18-66	I,O	53	810	Originally Manti Irrigation Co. well No. 3. Y.
12cdb-1	North Danish Field Irrigation Co.	A-15944 A-31065	1948	5,573	C	344	12- 8	G	Edp	+10.6	-98.4	11- 2-66	T,E	250Pm	7-18-66	I,O	57	840	Originally Manti Irrigation Co. well No. 2. Discharge varies when air is pumped. Water has hydrogen sulfide odor and taste. Casing 12 inch 0-200 ft, 8 inch 190-344 ft; perf 63-344 ft. Dd 27 ft (R) while pumping 400 gpm 3-3-48. L, W.
14aac-1	South Danish Field Irrigation Co.	A-15346	1945	5,536	C	323	12- 8	R	Edp	+19.2	-68.1	11- 2-66	T,E	573Pm	7-19-66	I,O	55-56	1,550L	Water has strong hydrogen sulfide odor and taste and black precipitate. Casing 12 inch 0-200 ft, 8 inch 194-300 ft; perf 77-300 ft. Dd 45 ft (R) while pumping 600 gpm 3-1-45. T 100,000 gpd per ft (average of 2 observation wells) while pumping at well (D-18-2)14aac-1. C, L, Y.
14abb-1	Latter-day Saints Church	C-2695	-	-	-	500	4	R	-	-	-18	1915	P,G	-	-	U	-	-	F.
14bbb-1	Ernest Scow	C-2689	-	-	-	85	2	A	-	-	+2.0	8- 7-58	F	Tr	5- 5-66	S	53R	-	
14bdb-1	do	-	-	5,472	-	16½M	4	A	Tc	+1.0	-5.2	5- 6-66	N	-	-	U	-	-	Well flows at times. T 137,000 gpd per ft while pumping at well (D-18-2) 14aac-1.

Table 1.--Records of selected wells - Continued

Well number	Owner, user, or name	Application or claim No.	Year drilled	Altitude above land-surface datum (feet)	Method of drilling	Depth of well (feet)	Diameter of well (inches)	Character of material in principal aquifer	Measuring point: Description	Measuring point: Above(+) or below(-) land-surface datum (feet)	Water level: Above(+) or below(-) land-surface datum (feet)	Water level: Date of measurement	Method of lift and type of power	Yield: Rate (gpm)	Yield: Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Remarks and other available data
(D-18-2)																			
1/15aad-1	G. W. Cox	C-10235 a-4182	1963	5,460	C	123	4	G	Tc	+3.0	+7.2	1-18-67	F	20Fm	2-25-65	S,I, O	52	560	Discharge varies in most years from a few to 50 gpm. Cased to 123 ft. T 68,000 gpd per ft while pumping at well (D-18-2)14aac-1. F, J. Y.
15abd-1	do	A-34654	1963	5,447	C	107	4	R	Tc	+2.1	+22.3	5- 5-66	F	40Fm	5- 5-66	S,I, O	52	540	F, J.
22ada-1	Gerald Alder	C-2692	-	5,429	J	23M	1¾	A	Tc	0	+7.9	2-25-65	F	2Fm	2-25-65	S	50	-	Water has slightly salty taste. Well probably deeper, but obstructed.
22ada-2	do	C-2691	-	5,430	J	20M	1¾	A	Tc	+.6	+7.6	2-25-65	F	1Fm	2-25-65	S	49	-	Do.
22add-1	do	C-2693	-	5,428	J	9M	1¾	A	Tc	+.4	+7.8	11- 2-66	F	2Fm	2-25-65	S,O	49-50	1,820L	Water has slightly salty taste. Well probably deeper, but obstructed. C, W.
26abc-1	Que Simon	A-29043	1957	5,585	C	200	4	B	-	-	-60	7-26-57	S,E	3Pr	7-26-57	U	53R	-	Cased to 126 ft; perf 90-105 ft. Dd 55 ft (R). F.
26cda-1	Don Ottosen	A-22956	-	5,940	C	100	4	V	Tc	+.8	-6.2	9-20-66	N	-	-	S,O	-	-	Well was finished by blasting. Y.
27bda-1	Bruce Bown	A-15137	1943	5,465	C	75	5	R	Tc	-4.1	-13.9	8-26-65	J,E	5Pr	3-30-43	H,S	54	1,100	F.
33aba-2	M. D. Young	A-34734	1964	5,486	C	63	4	G	Tc	+.8	-10.9	8-25-65	J,E	10Pr	6- 5-64	H,S	54	920	Replacement well. F.
33abb-1	Leah Marx	A-16459	1945	5,500	C	50	5	G	Tc	-5.0	-31.4	2-23-65	J,E	10Pr	3-22-45	H,S	46	900	Perf 35-50 ft. Dd 2 ft (R). F.
1/33abc-1	Clair Marx	A-30546	1959	5,500	C	99	4	G	Tc	-3.8	-18.2	11- 2-66	J,E	10Pr	6- 1-59	H,S, O	48	859L	Well has flowed. Cased to 99 ft. Dd 2 ft (R). C, L, W.
1/33bbc-1	Oscar Peterson and Forrest Dennison	A-15779	1944	5,400	C	43	4	R	Tc	-5.0	-35.9	11- 2-66	J,E	12Pr	7-23-44	H,S, O	-	850	Perf 23-43 ft. Dd 4 ft (R). F, Y.
34adc-1	Catherine Larsen	A-17253	1946	5,863	C	82	4	R,V	-	-	-18	4-19-46	J,E	10Pr	4-19-46	U	-	-	F.
34baa-1	R. A. Jensen	A-16817	-	5,571	C	75	4	-	Tc	-1.0	-24.0	2-24-65	J,E	5Pr	2-28-66	H,S	51	-	Reported to pump dry occasionally during summers.
1/34bbb-1	L. G. Anderson	A-26208	1954	5,497	C	60	5	S,V	Tc	-3.0	-27.6	11- 2-66	J,E	20Pr	9-17-54	S,O	-	850	Cased to 60 ft; perf 48-52 ft. Dd 1 ft (R). L, W.
34bca-1	R. A. Jensen	A-32582	1961	5,589	C	170	4	F,L	Tc	0	-22.7	2-28-66	N	2Pr	3-21-61	U	52R	-	Cased to 119 ft; perf 100-119 ft. Dd 65 ft (R). F.
34bcb-1	do	A-36661	1965	5,570	C	75	4	V	Tc	+.3	-23.2	11- 2-66	J,E	8Pr	1- 7-65	S,O	-	-	Perf 23-60 ft. F, Y.
35cda-1	Don Ottosen	A-15927	1944	5,886	C	63	5	-	-	-	-12	8-16-44	J,E	4Pr	8-16-44	H	-	-	Well reported to pump dry occasionally. Perf 12-60 ft. Dd 48 ft (R). C, F.
(D-18-3)																			
6aad-1	Lavar Hill	C-10240	-	5,563	C	70M	4	-	Tc	+.3	-59.6	7-29-58	P,H	-	-	U	-	-	Well drilled to 77 ft. Well dry at 70 ft 6-1-66.
6acd-1	Jennis Allred	A-24310	1953	5,600	C	300	4	V,L	Tc	0	-71.8	6- 1-66	P,G	6Pm	6- 1-66	S	-	1,500	Water has hydrogen sulfide odor and taste. Cased to 150 ft; perf 130-145 ft. Dd 20 ft (R) while pumping 16 gpm 6-8-53. F.
6bab-1	Ned Madsen	C-2707	-	5,510	-	55	3	A	Tc	-5.0	-23.3	6- 2-66	N	-	-	U	-	-	Well replaced by well (D-18-3)bab-2.
6bab-2	do	C-2707	1961	5,510	H	66	4	R	-	-	-17	12-14-61	J,E	12Pm	6- 2-66	S	52	750	Replacement well. Perf 46-66 ft. F.
6bbc-1	Wallace Tatton	A-30522	1961	5,522	C	73	4	G	Tc	+.8	-40.6	5-26-66	P,E	16Pr	11-12-61	S	50R	-	Dd 1 ft (R). F.
6bdc-1	Latter-day Saints Church	A-13559	1940	5,550	C	116	5½	L	Edp	+1.0	-65.6	6- 1-66	P,-	11Pr	5- 5-40	U	-	-	Well house burned down. Perf 76-115 ft. F.
(D-19-2)																			
4add-1	Lucien Peterson	A-20300	-	-	-	-	4	A	-	-	-	-	J,E	-	-	U	-	-	Well buried.
4bbd-1	H. M. Gribble	A-14204	1941	5,513	C	32	3	A	-	-	0	5- 2-41	-	2Fr	5- 2-41	-	54R	-	Well destroyed. F.
8bbb-1	Lila Shand Anderson	A-32064	1960	5,286	C	118M	4	A	Tc	+.8	-6.1	3-15-66	J,E	-	-	S,O	-	-	Y.
8dca-1	Clair Otten	A-20033	1948	5,413	C	50	5	S	-	-	-25	10- 5-48	J,E	3.5Pr	10- 5-48	H,S	49R	2,400	Well buried. Perf 30-50 ft. Dd 15 ft (R). F.
16bcb-1	W. G. Frischknecht	C-13462	1932	5,422	J	107	2	G	-	-	-5.5	2-26-59	F	1Fe	1958	U	-	-	Well destroyed; used as observation well 1937-59 until it became plugged. F, W.
17aaa-1	do	C-13464	-	5,430	C	46	8	A	-	-	-6	1906	P,G	1.5Pr	1906	S	-	-	
17aac-1	Croft Christensen	A-20224	1948	5,417	C	110	4	R	Tc	+1.2	+4.7	7-15-65	F	2Fm	7-15-65	S	51	1,400	Flows only at times. F.
17aad-1	W. G. Frischknecht	C-13463	1932	5,417	J	97	2-1½	A	Tc	+.8	+4.8	11- 2-66	F	.3Fm	2- 9-65	S,O	47-50	1,020L	C, W.

Table 1.--Records of selected wells - Continued

Well number	Owner, user, or name	Application or claim No.	Year drilled	Altitude above land-surface datum (feet)	Method of drilling	Depth of well (feet)	Diameter of well (inches)	Character of material in principal aquifer	Measuring point: Description	Measuring point: Above(+) or below(-) land-surface datum (feet)	Water level: Above(+) or below(-) land-surface datum (feet)	Water level: Date of measurement	Method of lift and type of power	Yield: Rate (gpm)	Yield: Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Remarks and other available data
(D-19-2)																			
20dcb-1	G. G. Hansen	A-31437	1960	5,440	C	60	4	G	-	-	-8	7-13-60	C,G	10Pr	7-13-60	S	-	-	F.
32aac-1	Erval Hansen	C-11881 A-14220 A-21644 A-27378 a-3719	1935	5,540	C	166	12	G	Hpb	+0.5	-42.3	11- 2-66	T,D	605Pm	7-18-66	I,O	52-53	897L	Cased to 166 ft; perf 50-165 ft. Dd 96 ft (M). C, L, W.
(D-20-2)																			
8bdc-1	Melvin Hansen and Kenneth Whitlock	A-31353 a-4502	1960	5,590	C	72	4	L	Tc	+.5	-34.9	7-13-65	J,G	6Pr	7-17-60	S	-	-	Cased to 40 ft. F.
8ccc-1	R. G. Bateman, Jr. and others	A-30537	1959	5,594	-	51	4	A	Tc	-4.0	-35.3	7-13-65	J,G	-	-	U	-	-	
1/18adb-1	do	A-15293	1943	5,599	C	140	9½	A	Tc	+.5	-38.2	11- 2-66	N	45Pr	10-17-43	U,O	-	-	Originally intended for irrigation. Cased to 125 ft; perf 45-125 ft. Dd 3 ft (R). L, W.

1/ The following well numbers have been revised to reflect more precise locations on detailed topographic maps that became available shortly before duplication of this release. Plate 1 shows the revised locations.

Well number in table	Revised well number
(D-15-3)27aad-1	(D-15-3)27ada-1
36bbb-2	35aaa-1
(D-15-4)20cdc-1	(D-15-4)29bac-1
21dbd-1	21cda-1
31adc-1	31dab-1
(D-16-3)7abc-1	(D-16-3)7abb-1
7abc-2	7abb-2
9bbb-1	4ccc-1
13dad-1	13dda-1
14ddc-1	14dca-1
15cda-1	15dcb-1
21bbb-2	21bbc-1
27ccb-1	27cba-1
32dda-1	33ccb-1

Well number in table	Revised well number
(D-17-3)17aad-1	(D-17-3)17adb-1
19bcb-1	19bbc-1
20dbb-1	20acc-1
(D-18-2)10daa-1	(D-18-2)11bcc-2
10daa-2	11bcc-1
11bcc-2	11bcc-3
15aad-1	14bbb-2
33abc-1	33acb-1
33bbc-1	32ada-1
34bbb-1	27ccc-1
(D-20-2)18adb-1	(D-20-2)18aaa-1

Table 2.--Records of selected springs and spring areas

Geologic source: Type of rock - A, alluvium; C, conglomerate; F, shale; J, igneous, unconsolidated (tuff); L, limestone; V, sandstone; W, siltstone. Formation - Qal, Quaternary alluvium; Tap, andesite pyroclastics (Moroni Formation of Schoff (1938)) (middle or upper Tertiary); Tch, Crazy Hollow Formation of Spieker (1949) (upper(?) Eocene); Tg, Green River Formation (lower and middle Eocene); Tf, Flagstaff Limestone (upper Paleocene and lower Eocene(?)); Tknh, North Horn Formation (Upper Cretaceous and Paleocene); Ki, Indianola Group (Upper Cretaceous) (includes Kfv, Funk Valley Formation, and Ks, Sanpete Formation); Kc, Castlegate Sandstone (Upper Cretaceous); Ja, Arapien Shale (Middle and Upper Jurassic) (includes Jat, Twist Gulch Member). Nature of openings - Jat, Twist Gulch Member of Arapien Shale (Upper Jurassic).
Yield (gpm, gallons per minute): e, estimated; m, measured; r, reported.
Use of water: E, power generation; H, domestic; I, irrigation; N, industrial; O, observation; P, public supply; S, stock.
Specific conductance: Sampled same day as yield measured unless otherwise footnoted.
Improvements, other data available, and remarks: C, chemical analysis in table 6.

Location	Owner or user	Name	Altitude of land-surface datum (feet)	Geologic source: Type of rock	Geologic source: Formation	Geologic source: Nature of openings	Yield (gpm)	Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Improvements, other data available, and remarks
(D-13-4) 2dda-S1	Spring Branch Irrigation Co.	Spring Branch[1]	6,295	A	Qal	Seepage zone	[2]270r 306m 270m	- 1-26-66 5- 3-66	I,S,O	48 48 48	- 600 580	Two dirt-bank storage reservoirs. Part of spring area also in 2ddd.
26d-S	Meadow Irrigation Co., Inc.	Spring Branch	6,050	A	Qal	do	340e	9-30-66	I,S	53	-	Seepage area; includes most of SE¼ sec. 26.
(D-13-5) 33ada-S1	Town of Fairview	Fairview Springs	7,300	V,A	Tknh	Fractures and joints	210m	10-10-66	P	50	470	Collecting pipes, collecting chambers, pipeline, headhouse; upper springs (larger) in 33ada; lower springs in 33caa and at elevation 7,150 ft. C.
(D-14-2) 2bab-S1	Fountain Green Irrigation Co.	Big Springs	6,460	V,C	Ki	Fractures and joints along fault zone	[2]5,566r [3]3,750r [3]3,200r [3]4,300r	- 1-24-66 4-27-66 8- 9-66	I,P,E,N,O	53 53 - 53	- 440 - 430	Collecting boxes, storage pond, pipelines, headhouse, and cement ditches; part of water traded to Town of Fountain Green for public supply throughout year--replaced by pumping town well (D-14-3)6cad-1 into Fountain Green Irrigation Co. ditch during summer; water also used in Fountain Green Fish Hatchery, owned by Utah State Fish and Game Dept.; large calcium carbonate tufa mound deposited by spring. C.
9bdb-S1		Cool Spring	9,020	V,C	Ki	Fractures	25e	8-10-66	H,S	38	470	Collecting box, discharge pipe.
11ddb-S1	Fountain Green Irrigation Co.	Squaw Spring	6,020	A	Qal	Seepage zone along fault	17m	1-14-66	S,I	52	930	Collecting box, pipeline, dirt-bank reservoir; slight hydrogen sulfide odor and taste.
23bda-S1	do	Birch Creek Springs	6,320	[4]V,C	Ki	Fractures and joints associated with fault	[2,5]688r 374m 432m 468m 468m	- 1-14-66 5- 3-66 8- 4-66 11-7-66	I,S,O	51 50 52 51 51	- 580 510 560 530	450 ft collecting pipe; part of spring area in 23acb; large calcium carbonate tufa mount deposited by spring.
26ddc-S1	Jack and Max Bailey	Bailey Spring[6]	6,200	V,W	Ki	Fractures and joints along faulted contact between Jat and Ki; water discharges from Jat	50m	1-17-66	H,I,S	54	580	Collecting box, pipelines, dirt-bank reservoir; two springs.
35aab-S1	Christensen and Bailey	Lauritz Tunnel Spring[6]	6,200	F,W	Ki	do	150m	1-17-66	I,S	51	540	Pipelines, collecting box, ditches; calcium carbonate tufa mound deposited by spring.
35aab-S2	do	Christensen Spring	6,200	F,W	Ki	do	15e	1-17-66	H,S	50	540	Pipeline, collecting barrel, steel reservoir tank; calcium carbonate tufa mound deposited by spring.
(D-14-3) 14dcc-S1	Blackham, Cook, and others	Apple Tree Spring	6,435	J	Tap	Fractures and joints	3.5m	8-29-66	S	55	430	Collecting box, pipeline, tank headhouse.
(D-14-4) 11ad-S	Miner-Turpin Ditch Co.	Lower Spring Creek[6] (Mill Creek)[7]	5,900	A	Qal	Large seepage area	1,870m	1-25-66	I	46-50	630	Collecting pipes; part of spring area also in 11ac, 11da, 11db, 11dc, 11ca, 11cd, and 12bc.
23ca-S	L.A. Seely	Mailing Spring	5,850	A	Qal	Seepage area	150r	1936	I,S	52	810	One of numerous springs in a large seepage area in secs. 14, 22, and 23; various owners; total flow for all springs reported as 1,100-1,350 gpm in Cox (1936).

Table 2.--Records of selected springs and spring areas - Continued

Location	Owner or user	Name	Altitude of land-surface datum (feet)	Geologic source: Type of rock	Geologic source: Formation	Geologic source: Nature of openings	Yield (gpm)	Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Improvements, other data available, and remarks
(D-14-4) 34bbc-S1	Grant Johansen	Waldemar Springs	5,790	A	Qal	Seepage zone	225m	10-14-66	I,S	52	510	Dirt-bank reservoir, collecting pipe; one of numerous springs and drains in secs. 33 and 34; various owners; reported in Cox (1936).
(D-15-2) 2ada-S1	Town of Freedom	Freedom Spring	6,000	3/V,C	Ki	Fractures and joints near contact with underlying Jat	2/436r 440m 550m 500e 440m	- 1-21-66 5- 3-66 8- 3-66 11-7-66	P,I,S,O	52 52 52 52 52	- 420 450 460 430	Pipelines, collecting boxes, headhouse; large calcium carbonate tufa mound deposited by spring; C.
13bbc-S1	Wales Irrigation Co.	Brewer's Spring1/ (North Spring)6/	6,180	C,V	Ki	Discharge from alluvium, but source from fractures and joints near contact with underlying Jat; also near fault	2/202r 234m 212m 207m 190m	- 1-21-66 5- 3-66 8- 3-66 11- 7-66	I,S,O	62 60 63 62 60	- 420 390 430 420	Ditches.
13cdb-S1	do	Middle Spring6/	5,900	V,C	Ki	Fractures and joints near contact with underlying Jat; also near fault	50m	1- 8-65	I,S	57	510	do
24bda-S1	do	South Spring6/	5,760	V,C	Ki	Fractures and joints near faulted contact with Jat; discharges from alluvium	125e	1- 8-65	I,S	59	570	do
24bdb-S1	do	Unnamed	5,900	V,C	Ki	do	25e	1- 8-65	I,S	56	540	Ditches; calcium carbonate tufa mound deposited by spring.
26acb-S1	Town of Wales	Lime Kiln Spring	6,200	L,F	Tknh	Fractures and joints	125e	1-20-65	P,I,S	52	660	Tunnel, collecting chamber, pipeline, headhouse; C.
(D-15-3) 4c-S	Silver Creek Irrigation Co., Silver Creek Reservoir Co., and others.	1st and 2nd Ditches	5,520	A	Qal	Large seepage area	2/1,080r 1,600m 1,190m 965m 1,460m	- 1-24-66 4-27-66 8- 9-66 11- 7-66	I,S,O	54 54 - - -	- 700 690 640 710	Large spring area included in 4c, 8a, 8d, and 9b; called Duck Spring by Richardson (1907).
5d-S	do	Silver Creek	5,540	A	Qal	do	2/270r 810m 765m 540m 675m	- 1-24-66 4-27-66 8- 9-66 11- 7-66	I,S,O	51 42 - - -	- 980 1,100 530 650	Large spring area included in 5c, 5d, 8a, and 8d; discharge includes only ground water when measured; also includes discharge of Prestwich Spring.
5dba-S1	William Prestwich	Prestwich Spring	5,539	A	Qal	Seepage zone	229m 301m 239m 211m	1-24-66 4-27-66 8- 9-66 11- 7-66	I,S,O	50 53 53 51	450 560 460 470	Dirt-bank reservoir; cement ditch.
9acb-S1	Moroni City Corp.	Moroni Spring	5,522	J	Tap	do	225r	9- 8-66	P,I	55	830	Collecting chamber, pumphouse and pumps (2), pipeline; supplemental to city well for public supply.
25ccb-S1	Elmer Olsen	Unnamed	5,561	A	Qal	do	.5e	11-28-66	S	51	1,300	Collecting culvert; C.
(D-15-4) 8bb-S	Snake Springs Irrigation Co.	Snake Springs	5,655	A	Qal	Seepage area	2/405r 818m 792m 832m 963m	- 1-25-66 5- 5-66 8- 4-66 11- 9-66	I,S,O	49 50 50 50 50	- 640 610 620 590	
29dcb-S1	Town of Spring City	Spring City Spring	5,826	A	Qal	Seepage zone	22m	11-15-66	H,S,I	51	600	Collecting chamber, pipeline, drinking fountain; C.

Table 2.--Records of selected springs and spring areas - Continued

Location	Owner or user	Name	Altitude of land-surface datum (feet)	Geologic source: Type of rock	Geologic source: Formation	Geologic source: Nature of openings	Yield (gpm)	Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Improvements, other data available, and remarks
(D-15-5) 22bbb-S1	City of Mount Pleasant	Coal Fork Spring[6]	8,160	V	Kc	Fractures and joints associated with fault	500-600r	11- 8-66	P	-	[8]535	Feeder pipelines, collecting boxes, pipeline, 2 headhouses; spring supply supplemented in summer by well (D-15-4)2adb-1; C.
(D-16-2) 12aac-S1	Ben D. Lamb	Lamb's Spring	5,560	V(?)	Ia	Seepage from alluvium bench abutting Ja	30e	12- 8-66	S,I	54	1,000	Tunnels, dirt-bank reservoir.
(D-16-3) 33ba-S	Clinton Justeson	Justeson Springs	5,465	A	Qal	Artesian seepage area	125e	1-21-67	I,S	50	1,700	Pipeline, dirt-bank reservoir; C.
(D-16-4) 13adb-S1	Town of Spring City	Old Ox Spring	8,465	V,L	Tknh	Fractures and joints	52m	11-16-66	P	42	500	Collecting boxes, pipeline, weir box, 150,000 gal. headhouse. One of 10 springs in secs. 12ab, 12ac, 12bd, 13ab, and 13ad which make up public-supply system; C.
(D-17-2) 27abc-S1	Claude Maylett	Unnamed	5,448	A	Qal	Artesian seepage zone	50e	1- 5-67	S	53	750	
(D-17-4) 16dcd-S1	City of Ephraim	Big Spring	9,000	V	Tknh	Fractures and joints; water discharges from overlying Qal	675e	6-28-66	P,E	41	380	Collecting pipes and chamber, pipeline, headhouse; largest of 5 springs which discharge total of about 1,100 gpm (measured 6-28-66); 4 other springs located in 16d, 17a, and 20c; water used for power generation prior to entering headhouse; C.
(D-18-2) 3add-S1	Paul Keeler and others	Unnamed	5,435	A	Qal	Numerous sand-boils, potholes, and seepage zones in meadow	418m 248m 180m 216m	1-27-66 4-27-66 8- 3-66 11- 4-66	I,S,O	48 53 53 51	1,000 800 810 840	Ditches, pipeline across river; part of spring area also in 2bcc.
3dad-S1	Tom Barton	Barton Springs	5,440	A	Qal	do	300e	11-19-65	I,S	49	820	Dirt-bank reservoir.
13cad-S1	Forest Washburn	Crystal Springs[6] (Livingston Warm Springs)[1]	5,638	L	Tf	Fractures and joints near fault(?)	[2]275r 425m 374m 382m 360m 414m	- 10-20-65 1-27-66 4-27-66 8- 3-66 11- 4-66	I,H, S,O	73 72 72 73 73 73	- 860 860 880 900 850	Pipeline, ditch; water has slight hydrogen sulfide odor and taste; C.
14cdb-S1	Milton Anderson	Milt's Springs	5,460	L	Kspt	Fractures and joints; two major openings	411m	11-16-65	I,S	51	860	Dirt-bank reservoir, ditches.
22cb-S	Royal Bown and Gunnison Irrigation Co.	Saleratus Spring	5,435	V	Tch	Fractures and joints due to several faults; discharges from overlying alluvium in meadow	[2]560r 265m 423m 360m 292m 297m 283m	- 8-26-65 10-15-65 1-29-66 4-26-66 8- 2-66 11- 4-66	I,S,O	54 54 53 53 53 54 53	- 1,200 1,200 1,100 1,200 1,200 1,100	
23aac-S1	Larsen, Braithwaite, and Squires	Stinking Springs	5,540	V,L	Kfv	Fractures and joints along fault(?).	[9]225e	5- 5-66	I,S	52-61	1,900	Water has strong hydrogen sulfide odor and taste; white sulfur scum precipitate; one of numerous springs in spring area in 23ac, 23ad, and 23db; C.
27cab-S1	Bruce Bown	Bown's Spring	5,460	A	Qal	Seepage area	100e	5- 5-66	I,S	-	-	
33bdd-S1	Emily Funk	Funk's Spring[1]	5,480	A	Qal	Seepage zone along base of alluvial bench bounding Six-mile Creek	350e	8-24-65	I,S	52	680	Collecting box; flows into creek; water traded to Gunnison Irrigation Co. for water from Sixmile Creek farther up stream; discharge 450 gpm reported by Richardson (1907).

Table 2.--Records of selected springs and spring areas - Continued

Location	Owner or user	Name	Altitude of land-surface datum (feet)	Geologic source: Type of rock	Geologic source: Formation	Geologic source: Nature of opening	Yield (gpm)	Date of measurement	Use of water	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Improvements, other data available, and remarks
(D-18-2) 35d-S	Gunnison Irrigation Co. and Manti Lake Co.	Morrison Coal Mine Tunnel Spring	5,920	V(?)	-	Fractures, joints, and bedding planes(?)	2/ 2,540r 1,350m 1,830m 1,130m 1,050m 1,130m 930m	- 8-24-65 10-15-65 1-27-66 4-26-66 8- 2-66 11- 4-66	I,S,O	61 62 62 62 62 62 62	- 620 - 660 670 660 600	Tunnel into hillside (abandoned coal mine); pipeline to reservoir, ditch, Parshall flume; water has hydrogen sulfide odor and taste.
(D-18-4) 20bb-S	Manti Irrigation Co. and City of Manti	Hougaard Springs	9,200-9,400	V,L	Tf	Fractures and joints very near contact with underlying Tknh	900-1,100r	6-28-66	P,E,I	41	8/ 497	Feeder pipelines, collecting boxes, pipelines, headhouse; used to generate electricity prior to entering headhouse; water traded to City of Manti for public supply, well (D-18-2)12bab-1 pumped during irrigation season in return; C.
(D-19-2) 1dbc-S1	Town of Sterling	Cove Spring	7,000	L	Tf	Fractures and joints; water discharges from overlying alluvium	75e	8-19-65	P	50	500	Collecting box, pipeline, headhouse; C.
3ab-S	Gunnison Irrigation Co.(?)	Braithwaite Spring1/	5,670	A	Qal	Seepage zone along base of alluvial bench bounding Sixmile Creek	110e	8-25-65	I,S	53	820	Discharge 540 gpm reported by Richardson (1907).
4dca-S1	City of Gunnison	Peacock Spring6/ (Nine Mile Warm Spring)1/	5,600	L	Tf	Fractures and joints near fault contacts with Tg and Kfv	2/ 900r 1,260m 490m 460m 346m 428m 418m	- 8-19-65 12- 6-65 2- 3-66 4-26-66 7-28-66 11- 4-66	P,I,O	72 72 72 72 72 72 72	- 690 - 620 710 660 650	Collecting box, aerator houses (2) pipeline, headhouse; water has strong hydrogen sulfide odor and taste; white sulfur scum; C.
5ba-S	Olsen Brothers	Olsen Springs1/	5,318	A	Qal	Seepage zone from river terrace base overlying Ja	350-550r	8-19-65	I,S,N	53	1,200	Series of dirt-bank reservoirs, pipeline, beaver pens; spring area also in 5bd; discharge 90 gpm reported by Robinson (1907).
5da-S	David Olsen, Jr.	Pettyville Springs1/	5,440	A	Qal	Seepage area in alluvium overlying Ja	450e	8-24-65	I,S	57	1,100	Dirt-bank reservoir; ditches; discharge 112 gpm reported by Richardson (1907).
8dcb-S1	Croft Christensen	Little Nine Mile Spring6/	5,400	L	Tg	Fractures and joints near fault contact with Ja	240m	8-17-65	I,S	52	1,300	Dirt-bank reservoir, ditches; additional seepage from alluvium in meadow below spring, C.
9cbb-S1	Gunnison Irrigation Co.	Nine Mile Cold Spring1/	5,420	L	Tg	Fractures and joints near faults	2/ 990r 1,410m 1,300m 780m 900m 905m 805m	- 8-17-65 10-15-65 1-27-66 4-26-66 8- 2-66 11- 4-66	I,S,O	54 53 53 52 54 54 53	- 1,100 - 1,200 1,300 1,300 1,100	Parshall flume, Nine Mile Reservoir; C.
20ddd-S1	Town of Centerfield and Thomas Yardley	Spannard Spring1/	5,475	L,F	Tg	Fractures and joints near faults; water seeps from alluvial faulted against Tg	900e	7-15-65	P,I,S	52	1,100	Collecting box, pipeline, headhouse; additional seepage from alluvium in meadow below spring; discharge 790 gpm reported by Richardson (1907); C.
33acd-S1	Town of Mayfield	Mayfield Spring	5,640	A	Qal	Seepage area along flood plain at Twelvemile Creek	63r	1907	P	50	8/ 764	Collecting box, pipeline, headhouse; C.
(D-20-2) 3aaa-S1	do	Unnamed	5,810	A	Qal	Seepage zone along alluvial bench incised by creek	75e	7-13-65	P	48	620	Feeder pipes, collection box, pipeline; supply to eight families above Mayfield Spring.

1/ Name taken from Richardson (1907).
2/ Measurement reported by Richardson (1907); date of measurement unknown.
3/ Discharge measured daily by Utah State Fish and Game Dept.; discharge shown is for average of 15 days, either the 1st to 15th or the 16th to 30th of each month.
4/ Probable source; issues from large calcium carbonate tufa mound which has been built by springs.
5/ Probably includes flow in Birch Creek.
6/ Name taken from Cox (1936).
7/ Local usage.
8/ Specific conductance obtained in chemical analysis sample.
9/ Estimated discharge of entire spring area.

Table 3.--Records of water levels in selected observation wells

Well number: Asterisk (*) indicates that the well number has been revised. See footnote 1 in table 1 for revised number.
Water levels: Water levels in feet below land-surface datum are designated by a minus (-) sign immediately before the first entry in each column in the table, those above land-surface are designated similarly by a plus (+) sign. The sign applied to any water level applies to all succeeding water levels until a change is indicated. A plus (+) sign with no measurement indicates that the well was flowing on the date indicated.

Records available: All measurements were made by the U.S. Geological Survey. Many of these records are published also in the following water-supply papers of the U.S. Geological Survey:

Year	Number	Year	Number	Year	Number	Year	Number	Year	Number	Year	Number	Year	Number
1936	817	1939	886	1942	948	1945	1027	1948	1130	1951	1195	1954	1325
1937	840	1940	910	1943	990	1946	1075	1949	1160	1952	1225	1955	1408
1938	845	1941	940	1944	1020	1947	1100	1950	1169	1953	1269	1956-60	1760

(D-12-4)36dcc-1. Records available 1965-67

Mar.	29, 1965	-49.15	Oct.	28, 1965	-21.18	June	17, 1966	-12.78
Apr.	30	34.95	Dec.	2	27.30	July	29	25.76
June	29	5.15	Jan.	6, 1966	31.43	Sept.	14	33.50
July	31	6.05	Mar.	21	36.55	Oct.	26	39.24
Sept.	3	15.25	Apr.	22	13.49	Mar.	24, 1967	51.87
Oct.	4	14.68	May	20	9.51			

(D-13-4)12acc-1. Records available 1951, 1953-56, 1958-62, 1965-67

July	25, 1951	- 9.87	Apr.	29, 1959	-18.53	May	26, 1961	-21.89
Mar.	18, 1953	17.22	May	29	10.81	July	6	16.38
Dec.	11	20.15	June	24	8.54	July	26	18.37
Mar.	27, 1954	21.10	July	29	11.79	Aug.	24	21.32
Nov.	29	17.50	Aug.	25	15.31	Oct.	16, 1962	15.71
Mar.	23, 1955	20.90	Sept.	25	18.14	Mar.	29, 1965	18.61
Mar.	22, 1956	21.54	Oct.	29	19.69	Apr.	30	11.28
Dec.	5	20.50	Nov.	30	20.44	June	29	5.43
Mar.	12, 1958	17.68	Dec.	30	20.93	July	31	6.62
Apr.	4	14.02	Jan.	27, 1960	21.64	Sept.	3	8.7
May	7	9.73	Mar.	25	23.27	Oct.	4	12.22
June	4	7.80	Apr.	27	13.69	Oct.	28	13.40
July	3	6.90	May	25	7.86	Dec.	2	15.00
Aug.	4	8.72	June	17	7.38	Jan.	6, 1966	17.10
Sept.	2	11.83	July	27	13.80	Mar.	21	14.35
Oct.	7	14.92	Aug.	29	17.48	Apr.	22	11.97
Nov.	6	16.29	Sept.	30	19.12	May	20	9.72
Nov.	29	17.13	Oct.	27	19.90	June	17	9.61
Jan.	2, 1959	19.07	Nov.	30	21.03	July	29	12.10
Jan.	27	20.30	Dec.	30	21.52	Sept.	14	16.25
Feb.	25	20.68	Jan.	30, 1961	23.25	Oct.	26	18.99
Mar.	26	19.67	Feb.	27	25.98	Mar.	24, 1967	17.71

(D-13-4)24ccb-1. Records available 1965-67

Mar.	29, 1965	-36.78	Oct.	28, 1965	-38.1	June	17, 1966	-21.70
Apr,	30	31.10	Dec.	2	39.3	July	29	39.20
June	29	7.09	Jan.	6, 1966	37.0	Sept.	29	40.40
July	31	29.68	Mar.	21	37.2	Oct.	26	38.00
Sept.	3	35.12	Apr.	22	29.93	Mar.	24, 1967	1/ 40
Oct.	4	31.03	May	20	3.88			

(D-14-2)13aaa-1. (Previously listed as (D-14-2)13aa)
Records available 1935-67

Aug.	1, 1935	+12.1	Mar.	24, 1943	+20.5	Nov.	7, 1957	+19.4
Sept.	3	12.0	Dec.	17	17.6	Dec.	4	18.7
Oct.	9	11.3	Mar.	20, 1944	17.4	Dec.	31	20.5
Nov.	20	11.45	Dec.	4	20.0	Feb.	5, 1958	18.7
Dec.	13	11.9	Apr.	4, 1945	19.5	Mar.	4	19.0
Jan.	25, 1936	11.8	Dec.	5	21.3	Apr.	4	18.7
Mar.	2	11.75	Mar.	20, 1946	19.0	May	7	19.9
May	1	13.4	Dec.	19	19.8	June	4	21.5
June	19	16.55	Mar.	28, 1947	19.2	July	3	22.0
Aug.	7	16.9	Mar.	18, 1948	19.2	Aug.	4	22.3
Oct.	2	16.35	July	23	19.4	Sept.	2	20.1
Nov.	29	16.2	Dec.	14	18.4	Oct.	7	19.4
Feb.	5, 1937	16.6	Apr.	4, 1949	18.2	Nov.	6	20.0
Apr.	11	17.25	Dec.	13	18.0	Nov.	29	21.5
June	10	18.5	Mar.	30, 1950	18.5	Jan.	2, 1959	20.0
Aug.	1	19.0	Dec.	11	16.5	Jan.	27	19.0
Sept.	24	17.8	Mar.	28, 1951	17.2	Feb.	25	20.6
Nov.	3	17.6	Dec.	12	16.7	Mar.	26	20.5
Dec.	21	18.3	Apr.	8, 1952	17.8	Apr.	29	20.0
Feb.	24, 1938	17.5	Dec.	9	24.8	May	29	21.0
Apr.	7	18.5	Mar.	18, 1953	22.4	June	24	20.3
June	3	19.6	Dec.	14	21.1	July	29	19.7
Aug.	30	18.7	Mar.	27, 1954	22.3	Aug.	25	19.0
Oct.	9	18.4	Nov.	30	17.2	Sept.	25	18.25
Dec.	22	18.5	Mar.	23, 1955	17.7	Oct.	29	18.6
Mar.	3, 1939	17.1	Dec.	7	16.3	Nov.	30	18.6
Apr.	15	18.0	Mar.	22, 1956	17.1	Dec.	30	17.7
June	18	17.45	Sept.	10	16.2	Jan.	27, 1960	17.8
Aug.	24	16.4	Sept.	28	15.5	Mar.	25	17.5
Oct.	14	15.5	Nov.	1	16.2	Apr.	27	18.2
Dec.	2	15.85	Dec.	5	16.1	May	25	17.5
Feb.	6, 1940	15.9	Jan.	4, 1957	16.3	June	17	16.7
Mar.	27	16.2	Feb.	4	16.7	July	27	16.1
June	3	16.6	Feb.	28	16.8	Aug.	29	15.4
Dec.	4	16.1	Apr.	3	16.7	Sept.	30	15.2
Mar.	19, 1941	17.6	May	3	16.6	Oct.	27	15.1
Dec.	6	21.3	July	1	18.7	Nov.	30	15.6
Mar.	26, 1942	20.6	July	26	18.8	Dec.	30	16.2
Aug.	11	21.7	Aug.	29	18.4	Jan.	30, 1961	16.1
Dec.	19	19.4	Oct.	1	18.3	Feb.	27	16.1

(D-14-2)13aaa-1 - Continued

Mar.	31, 1961	+16.2	July	2, 1964	+17.5	Oct.	4, 1965	+18.9
Apr.	24	15.8	Aug.	3	17.3	Oct.	28	18.1
May	26	14.9	Aug.	28	16.2	Dec.	2	17.7
July	6	14.1	Sept.	29	16.3	Jan.	5, 1966	17.7
July	26	13.7	Oct.	30	16.1	Mar.	18	19.0
Aug.	24	12.9	Dec.	14	16.1	Apr.	22	17.9
Sept.	29	13.1	Feb.	12, 1965	17.8	May	20	18.9
Apr.	5, 1962	14.1	Mar.	26	18.7	June	17	17.9
Sept.	28	17.9	Apr.	30	18.1	July	28	17.7
Apr.	11, 1963	17.5	June	29	19.6	Sept.	15	17.7
Sept.	25	16.4	July	31	19.6	Oct.	28	17.3
Apr.	1, 1964	16.5	Sept.	3	19.2	Mar.	24, 1967	17.9

(D-14-3)7abb-1. Records available 1964-67

May	11, 1964	-32.88	Sept.	3, 1965	-30.82	Jan.	5, 1966	-27.30
Sept.	29	36.66	Oct.	4	29.66	Mar.	18	29.11
Oct.	30	34.52	Oct.	28	26.81	Oct.	28	37.52
Dec.	14	31.02	Dec.	2	26.26	Mar.	24, 1967	33.73
Mar.	26, 1965	32.19						

(D-14-3)7acc-1. Records available 1964-67

July	8, 1964	-4.83	Apr.	30, 1965	- 3.32	Mar.	18, 1966	- 0.97
Aug.	3	4.63	June	29	3.38	Apr.	22	2.12
Aug.	28	5.70	July	31	3.49	June	17	5.64
Sept.	29	5.14	Sept.	3	2.11	July	27	7.70
Oct.	30	4.39	Oct.	4	1.05	Sept.	15	9.70
Dec.	14	3.13	Oct.	28	.04	Oct.	28	7.31
Feb.	12, 1965	2.12	Dec.	2	+	Mar.	24, 1967	4.44
Mar.	26	2.64	Jan.	5, 1966	+ .50			

(D-14-3)7bbb-1. Records available 1948-56, 1958-62, 1964-67

Dec.	14, 1948	- 2.12	May	7, 1958	- 1.50	Jan.	30, 1961	- 2.20
Dec.	13, 1949	2.43	Oct.	7	2.51	Feb.	27	2.21
Mar.	30, 1950	1.19	Nov.	6	1.34	Mar.	31	1.98
Dec.	11	1.15	Nov.	29	.77	Apr.	24	1.73
Mar.	28, 1951	2.03	Jan.	2, 1959	1.04	Oct.	16, 1962	1.64
Dec.	12	- 2.25	Jan.	27	1.10	Dec.	14, 1964	1.68
Apr.	8, 1952	+ .10	Feb.	25	.74	Feb.	12, 1965	1.00
Dec.	9	- .56	Mar.	26	1.36	Mar.	26	1.84
Mar.	18, 1953	.99	Oct.	29	2.48	Apr.	30	1.66
Dec.	14	1.07	Nov.	30	1.46	Sept.	3	1.48
Mar.	27, 1954	.23	Dec.	30	1.33	Oct.	4	.43
Nov.	30	1.97	Jan.	27, 1960	1.57	Oct.	28	.29
Mar.	23, 1955	1.13	Mar.	25	.53	Dec.	2	.19
Dec.	7	2.20	Apr.	27	2.83	Jan.	5, 1966	.29
Mar.	22, 1956	1.04	Oct.	27	2.26	Mar.	18	.71
Dec.	5	2.14	Nov.	30	1.50	Oct.	28	5.40
Apr.	4, 1958	.31	Dec.	30	1.75	Mar.	24, 1967	.90

(D-14-3)18adb-1. Records available 1964-66

May	8, 1964	-38.98	Sept.	29, 1964	-42.69	Mar.	18, 1966	-33.60
July	2	41.66	Oct.	28, 1965	38.09	Oct.	28	44.96

(D-14-3)20cbb-1. Records available 1964-67

May	8, 1964	-20.57	Mar.	26, 1965	-19.51	Mar.	18, 1966	-18.33
Aug.	28	26.74	Apr.	30	19.29	July	27	23.69
Sept.	29	27.00	Oct.	4	22.85	Aug.	30	26.01
Oct.	30	24.17	Oct.	28	21.53	Sept.	28	23.28
Dec.	11	23.11	Dec.	2	20.79	Mar.	24, 1967	21.42
Feb.	12, 1965	21.54	Jan.	5, 1966	20.27			

(D-14-3)33bcc-1. Records available 1935-62, 1965-67

Dec.	13, 1935	+ 2.30	Oct.	9, 1938	+ 5.7	Mar.	20, 1944	+ 5.5
Jan.	25, 1936	2.58	Dec.	22	5.95	Dec.	4	5.9
Mar.	2	2.75	Mar.	3, 1939	5.7	Apr.	4, 1945	5.7
May	1	2.83	Apr.	15	5.1	Dec.	5	6.4
June	19	3.20	June	18	4.6	Dec.	19, 1946	5.2
Aug.	7	4.26	Aug.	24	3.75	Mar.	28, 1947	5.2
Oct.	2	4.60	Oct.	14	4.4	Dec.	13	6.2
Nov.	29	5.3	Dec.	2	4.6	July	23, 1948	4.63
Feb.	5, 1937	5.1	Feb.	6, 1940	4.7	Dec.	14	5.1
Apr.	11	4.9	Mar.	27	4.6	Dec.	13, 1949	5.2
June	10	5.1	June	3	4.6	Mar.	30, 1950	5.5
Aug.	1	5.5	Dec.	4	5.1	Mar.	28, 1951	4.7
Sept.	24	5.7	Mar.	19, 1941	4.8	Apr.	8, 1952	4.8
Nov.	3	6.05	Dec.	6	7.0	Dec.	9	7.8
Dec.	21	6.3	Mar.	26, 1942	6.5	Mar.	18, 1953	6.7
Feb.	24, 1938	5.7	Aug.	11	6.4	Mar.	27, 1954	5.8
Apr.	7	5.4	Dec.	19	6.5	Mar.	23, 1955	5.0
June	3	4.9	Mar.	24, 1943	4.8	Mar.	22, 1956	3.85
Aug.	30	5.2	Dec.	17	5.9	Sept.	28	2.59

Table 3.--Records of water levels in selected observation wells - Continued

(D-14-3)33bcc-1 - Continued

Nov. 1, 1956	+ 2.83	Jan. 27, 1959	+ 4.10	Mar. 31, 1961	+ 3.32
Dec. 5	3.25	Feb. 25	4.60	Apr. 24	3.17
Jan. 4, 1957	3.28	Mar. 26	4.60	May 26	2.60
Feb. 4	3.38	Apr. 29	4.60	July 6	2.04
Feb. 28	3.42	May 29	4.00	July 26	1.73
Apr. 3	3.46	June 24	3.78	Aug. 24	1.55
May 3	3.56	July 29	3.25	Sept. 29	1.75
June 3	3.57	Aug. 25	2.95	Oct. 16, 1962	.55
July 1	3.40	Sept. 25	2.90	Mar. 15, 1965	2.85
July 26	3.40	Oct. 29	3.25	Apr. 30	2.6
Oct. 1	3.78	Nov. 30	3.58	June 29	2.7
Nov. 7	4.4	Dec. 30	3.64	July 31	2.63
Dec. 4	4.5	Jan. 27, 1960	3.70	Sept. 3	2.65
Dec. 31	4.00	Mar. 25	3.79	Oct. 4	3.20
Feb. 5, 1958	4.00	Apr. 27	3.62	Oct. 28	3.0
Mar. 4	4.25	May 25	3.25	Dec. 2	3.7
Apr. 4	4.00	June 17	3.05	Jan. 5, 1966	3.3
May 7	4.00	July 27	2.25	Mar. 18	3.4
June 4	4.00	Aug. 29	2.04	Apr. 22	3.0
July 3	4.00	Sept. 30	2.36	May 20	2.8
Aug. 4	3.66	Oct. 27	2.66	June 17	2.4
Sept. 2	3.72	Nov. 30	3.10	July 26	1.85
Oct. 7	4.00	Dec. 30	3.25	Sept. 15	1.65
Nov. 6	4.25	Jan. 30, 1961	3.30	Oct. 28	2.00
Nov. 29	4.26	Feb. 27	3.34	Mar. 24, 1967	2.80
Jan. 2, 1959	4.10				

(D-14-4)2dbc-1. Records available 1951-56, 1958-67

July 25, 1951	- 6.07	July 29, 1959	-10.80	Sept. 25, 1963	-12.14
Dec. 12	14.58	Aug. 25	13.46	Apr. 1, 1964	(dry) 16.0
Apr. 8, 1952	11.60	Sept. 25	15.08	May 11	12.10
Dec. 10	12.17	Oct. 29	16.83	June 2	6.53
Mar. 18, 1953	15.26	Nov. 30	16.67	July 14	4.79
Dec. 11	14.69	Dec. 30	16.60	Aug. 3	6.84
Mar. 27, 1954	16.09	Jan. 27, 1960	16.51	Aug. 31	9.22
Nov. 29	15.82	Mar. 25	14.89	Sept. 30	11.80
Mar. 23, 1955	16.78	Apr. 27	13.93	Nov. 3	(dry) 16.0
Dec. 7	15.70	May 25	8.63	Dec. 14	(dry) 16.0
Mar. 22, 1956	16.67	June 17	6.82	Feb. 17, 1965	(dry) 16.0
Mar. 12, 1958	14.85	July 27	8.35	Mar. 26	(dry) 16.0
Apr. 4	13.59	Aug. 29	11.92	Apr. 30	(dry) 16.0
May 7	10.38	Sept. 30	14.71	June 29	1.73
June 4	2.50	Oct. 27	15.70	July 31	3.10
July 3	1.92	Nov. 30	15.87	Sept. 3	5.65
Aug. 4	5.69	Dec. 30	16.01	Oct. 4	7.32
Sept. 2	8.73	Jan. 30, 1961	17.11	Oct. 28	9.40
Oct. 7	11.67	Feb. 27	17.03	Dec. 2	11.90
Nov. 6	13.03	Mar. 31	16.68	Jan. 6, 1966	(dry) 16.0
Nov. 29	13.85	Apr. 24	16.10	Mar. 21	15.20
Jan. 2, 1959	15.70	May 26	15.40	Apr. 22	13.80
Jan. 27	16.10	July 6	13.32	May 20	5.81
Feb. 25	15.76	July 26	13.42	June 17	5.40
Mar. 26	16.10	Aug. 24	15.61	July 29	8.85
Apr. 29	16.03	Sept. 29	17.33	Sept. 14	11.40
May 29	11.08	Apr. 5, 1962	13.82	Oct. 26	12.50
June 24	9.57	Sept. 28	10.41	Mar. 24, 1967	16.1

(D-14-4)12cdd-1. Records available 1964-67

May 11, 1964	-58.22	Mar. 26, 1965	-55.96	Dec. 2, 1965	-47.26
June 2	55.66	Apr. 30	56.49	Jan. 6, 1966	49.49
Aug. 31	47.35	May 19	55.84	Mar. 21	51.46
Sept. 30	49.06	June 29	42.26	Apr. 22	53.82
Nov. 3	51.02	Sept. 3	41.53	Sept. 14	57.10
Dec. 14	52.68	Oct. 4	43.79	Oct. 26	56.94
Feb. 17, 1965	55.14	Oct. 28	45.77	Mar. 24, 1967	58.02

(D-14-4)24bbb-1. Records available 1965-67

Mar. 29, 1965	-33.88	Nov. 28, 1965	-26.34	June 17, 1966	-26.82
Apr. 30	33.01	Dec. 2	27.30	July 29	29.54
June 29	22.94	Jan. 6, 1966	28.43	Sept. 14	32.30
July 31	22.49	Mar. 21	30.88	Oct. 26	33.76
Sept. 3	24.05	Apr. 22	31.04	Mar. 24, 1967	35.30
Oct. 4	25.20	May 20	28.00		

(D-15-3)5ada-2. Records available 1964-66

May 11, 1964	- 0.89	Oct. 30, 1964	- .99	June 25, 1965	- 0.66
June 2	.87	Dec. 11	1.46	Oct. 28	.31
July 6	1.00	Feb. 12, 1965	.90	Mar. 18, 1966	.68
Aug. 3	1.25	May 18	.93	Oct. 28	2.10
Sept. 29	.21				

(D-15-3)8cda-3.[2/] Records available 1937-56, 1958-62, 1965-67

Nov. 3, 1937	+ 2.25	Feb. 6, 1940	+ 1.82	Dec. 5, 1945	+ 2.83
Dec. 21	2.47	Mar. 27	2.18	Mar. 22, 1946	2.95
Feb. 24, 1938	2.72	June 3	2.02	Dec. 19	3.80
Apr. 7	2.70	Dec. 4	1.60	Mar. 28, 1947	3.70
June 3	2.60	Mar. 19, 1941	1.91	Dec. 13	3.55
Aug. 30	1.93	Dec. 6	1.94	Mar. 18, 1948	3.48
Oct. 9	1.95	Mar. 26, 1942	2.40	Dec. 14	3.22
Dec. 22	2.32	Aug. 11	1.70	Apr. 4, 1949	3.15
Mar. 3, 1939	2.65	Dec. 19	2.55	Dec. 13	2.98
Apr. 15	2.58	Mar. 24, 1943	2.43	Mar. 30, 1950	3.16
June 18	1.53	Dec. 17	2.72	Mar. 28, 1951	2.08
Aug. 24	1.92	Mar. 20, 1944	3.83	Dec. 12	2.13
Oct. 14	1.25	Dec. 4	2.72	Apr. 8, 1952	2.24
Dec. 2	1.90	Apr. 4, 1945	3.23	Dec. 9	3.17

(D-15-3)8cda-3 - Continued

Mar. 18, 1953	+ 3.52	June 24, 1959	+ 2.16	July 6, 1961	+ 1.52
Dec. 11	3.43	July 29	1.94	July 26	1.49
Mar. 27, 1954	3.84	Aug. 25	1.65	Aug. 24	1.47
Nov. 30	3.42	Sept. 25	1.55	Sept. 29	1.02
Mar. 23, 1955	3.47	Oct. 29	1.93	Oct. 16, 1962	1.78
Dec. 7	3.03	Nov. 30	2.08	Mar. 10, 1965	2.40
Mar. 22, 1956	3.48	Dec. 30	2.30	Mar. 26	2.58
Dec. 5	2.83	Jan. 27, 1960	2.20	Apr. 30	2.43
Mar. 12, 1958	3.40	Mar. 25	2.42	June 25	2.20
Apr. 4	2.75	Apr. 27	2.55	July 31	2.00
May 7	2.85	May 25	2.45	Sept. 2	2.00
June 4	2.30	June 17	2.28	Oct. 4	1.92
July 3	2.23	July 27	1.65	Oct. 28	1.89
Aug. 4	2.06	Aug. 29	1.75	Dec. 2	1.70
Sept. 2	1.90	Sept. 30	1.43	Jan. 5, 1966	2.10
Oct. 7	1.44	Oct. 27	1.38	Mar. 18	2.35
Nov. 6	1.90	Nov. 30	1.75	Apr. 22	2.35
Nov. 29	1.98	Dec. 30	1.72	May 20	2.10
Jan. 2, 1959	2.25	Jan. 30, 1961	1.85	June 17	1.90
Jan. 27	2.33	Feb. 27	1.92	July 26	1.40
Feb. 25	2.25	Mar. 31	2.12	Sept. 7	.30
Mar. 26	2.45	Apr. 24	2.08	Oct. 26	1.45
Apr. 29	2.60	May 26	2.00	Mar. 24, 1967	2.25
May 29	2.42				

(D-15-3)16adb-1. Records available 1964-67

May 6, 1964	- 4.11	Apr. 29, 1965	- 3.86	Dec. 2, 1965	- 2.40
June 2	3.75	May 18	4.35	Jan. 5, 1966	3.60
June 25	3.79	June 25	2.07	Mar. 18	3.92
Oct. 30	2.50	July 22	3.66	Apr. 22	4.24
Dec. 11	2.95	Sept. 2	3.98	May 23	3.48
Feb. 12, 1965	2.60	Oct. 4	2.95	Oct. 26	5.88
Mar. 26	3.49	Oct. 27	2.86	Mar. 24, 1967	3.93

(D-15-3)27aad-1*. Records available 1964-67.

May 6, 1964	-11.13	Mar. 25, 1965	- 7.90	Jan. 5, 1966	- 6.52
June 2	7.28	Apr. 29	7.30	Mar. 18	8.85
June 25	1.52	June 25	- .14	Apr. 22	5.52
Aug. 3	2.62	July 30	+ .7	May 23	2.37
Aug. 31	4.54	Sept. 2	- 1.83	June 17	3.16
Sept. 29	6.17	Oct. 4	2.87	Sept. 14	10.97
Oct. 30	5.95	Oct. 27	4.23	Oct. 26	7.23
Dec. 11	7.30	Dec. 2	4.58	Mar. 24, 1967	8.46
Feb. 12, 1965	7.67				

(D-15-3)28aba-1. Records available 1937-58, 1962-63, 1965-67

Nov. 3, 1937	+ 3.25	Mar. 28, 1947	+ 2.47	Dec. 4, 1957	+ 3.66
Dec. 22	3.60	Dec. 13	2.65	Dec. 31	3.69
Feb. 24, 1938	3.55	Mar. 18, 1948	2.43	Feb. 5, 1958	4.00
Apr. 7	3.50	Dec. 13	2.04	Mar. 4	4.00
June 3	3.90	Apr. 4, 1949	2.17	Apr. 4	3.88
Aug. 30	2.97	Dec. 13	2.07	May 7	3.44
Oct. 9	2.38	Mar. 30, 1950	2.56	June 4	4.25
Dec. 22	3.02	Mar. 28, 1951	2.40	July 3	3.28
Mar. 3, 1939	2.95	Dec. 12	2.49	Aug. 4	2.50
Apr. 15	3.08	Dec. 9, 1952	2.41	Sept. 2	2.49
June 18	1.98	Mar. 18, 1953	2.80	Oct. 7	3.16
Aug. 24	.73	Dec. 11	2.23	Nov. 6	3.25
Oct. 14	.48	Mar. 27, 1954	2.87	Oct. 16, 1962	2.95
Dec. 2	1.70	Nov. 30	1.96	Sept. 25, 1963	2.95
Feb. 6, 1940	2.10	Mar. 23, 1955	2.72	Mar. 10, 1965	3.90
Mar. 27	2.07	Dec. 7	1.75	Apr. 29	3.28
June 4	2.13	Mar. 22, 1956	2.57	June 25	3.90
Dec. 4	1.95	Sept. 10	.91	July 31	3.56
Mar. 19, 1941	2.35	Sept. 28	1.13	Sept. 2	3.37
Dec. 6	2.45	Oct. 1	2.07	Oct. 4	3.10
Mar. 27, 1942	2.63	Dec. 5	2.75	Oct. 27	3.42
Aug. 11	1.55	Jan. 4, 1957	2.84	Dec. 2	3.80
Dec. 20	2.20	Feb. 4	2.97	Jan. 5, 1966	4.00
Mar. 24, 1943	2.40	Feb. 28	3.92	Mar. 18	3.90
Dec. 17	2.16	Apr. 3	3.98	Apr. 22	3.47
Mar. 20, 1944	3.38	May 3	3.93	May 23	3.88
Dec. 4	2.24	June 3	4.00	June 17	2.05
Apr. 4, 1945	2.23	July 1	3.90	July 26	1.42
Dec. 5	2.70	July 26	3.45	Sept. 15	.07
Mar. 22, 1946	2.80	Oct. 1	3.08	Oct. 26	2.37
Dec. 19	2.55	Nov. 7	3.66	Mar. 24, 1967	3.80

(D-15-3)31aaa-1. Records available 1965-67

Mar. 9, 1965	-32.55	Oct. 4, 1965	-32.34	May 23, 1966	-31.56
Mar 25	32.45	Oct. 27	32.37	June 17	31.76
Apr 29	32.06	Dec. 2	32.22	July 22	32.10
June 4	31.69	Jan. 5, 1966	32.16	Sept. 15	32.90
June 25	31.69	Mar. 18	31.74	Oct. 28	33.14
July 30	31.88	Apr. 22	31.51	Mar. 24, 1967	32.67
Sept. 2	32.09				

(D-15-4)4cab-1. Records available 1964-67

May 11, 1964	-33.94	Apr. 30, 1965	-33.68	Mar. 21, 1966	-29.83
Sept. 30	30.45	July 31	20.32	May 20	27.91
Nov. 3	31.72	Oct. 4	22.68	June 17	27.29
Dec. 14	32.03	Oct. 28	24.25	Oct. 17	31.08
Feb. 17, 1965	32.65	Dec. 2	25.41	Mar. 24, 1967	31.18
Mar. 26	33.20	Jan. 5, 1966	27.20		

Table 3.--Records of water levels in selected observation wells - Continued

(D-15-4)4dda-1. Water-level recorder installed December 19, 1947. Water-levels reported for subsequent dates to July 17, 1948 are at noon. Additional records not shown here are published in various water-supply papers of the U.S. Geological Survey, noted in headnotes for this table. Water-level recorder removed July 17, 1948. Records available 1935-67.

Aug.	2, 1935	-26.22	Dec.	13, 1947	-17.38	May 7, 1958	-17.86
Sept.	3	27.42	Dec.	31	18.32	June 4	8.33
Oct.	9	29.01	Jan.	15, 1948	18.88	Sept. 2	13.10
Nov.	21	28.97	Jan.	31	19.55	Oct. 7	12.81
Dec.	10	28.79	Feb.	15	20.38	Nov. 6	12.50
Jan.	10, 1936	30.15	Feb.	29	21.17	Nov. 29	12.95
Mar.	2	31.31	Mar.	15	21.93	Jan. 2, 1959	13.27
Apr.	24	31.10	Mar.	31	22.54	Jan. 27	13.90
June	19	15.77	Apr.	15	22.73	Feb. 25	14.39
Aug.	7	14.68	Apr.	30	22.08	Mar. 26	14.68
Oct.	2	17.16	May	15	21.43	Apr. 29	14.13
Nov.	29	18.14	May	31	18.52	Sept.25	20.72
Feb.	5, 1937	19.65	June	15	13.86	Oct. 29	18.55
Apr.	11	20.97	June	30	13.28	Nov. 30	18.78
June	10	12.58	July	15	14.05	Dec. 30	19.84
Aug.	1	12.52	Dec.	13	22.21	Jan. 27, 1960	21.53
Sept.	24	15.85	Feb.	25, 1949	25.10	Mar. 25	23.69
Nov.	3	17.64	Apr.	4	26.53	Apr. 27	22.77
Dec.	11	17.62	Dec.	13	19.70	Sept.30	24.14
Feb.	24, 1938	21.28	Mar.	30, 1950	23.10	Oct. 27	24.01
Apr.	7	22.44	Dec.	11	23.16	Nov. 30	24.43
June	3	15.43	Mar.	28, 1951	27.35	Dec. 30	25.88
Aug.	30	16.77	Dec.	12	26.71	Jan. 30, 1961	26.59
Oct.	9	18.81	Apr.	8, 1952	27.23	Feb. 27	27.93
Dec.	22	20.96	Dec.	9	9.29	Mar. 31	29.23
Mar.	3, 1939	24.06	Mar.	18, 1953	10.59	Apr. 24	29.42
Apr.	14	24.71	Mar.	27, 1954	14.10	Sept.29	30.58
June	18	15.68	Mar.	23, 1955	24.78	Apr. 5, 1962	31.62
Aug.	24	20.38	Dec.	7	26.26	Sept.28	13.75
Oct.	14	20.87	Mar.	22, 1956	28.48	Apr. 11, 1963	17.99
Dec.	2	22.44	Sept.	10	26.85	Sept.25	19.42
Mar.	27, 1940	22.10	Sept.	28	26.81	Apr. 1, 1964	24.39
June	3	16.95	Oct.	1	26.70	May 11	22.60
Dec.	4	18.24	Dec.	6	27.38	Nov. 3	20.03
Mar.	19, 1941	21.06	Jan.	4, 1957	29.15	Dec. 14	21.09
Sept.	28	9.77	Feb.	4	30.18	Feb. 17, 1965	23.48
Dec.	6	11.48	Feb.	28	30.26	May. 26	24.74
Mar.	26, 1942	13.87	Apr.	3	30.75	Apr. 30	24.74
Aug.	11	4.82	May	3	30.32	May 19	23.42
Dec.	20	9.45	June	3	25.40	Sept. 3	6.71
Mar.	24, 1943	11.92	July	1	12.15	Oct. 4	7.73
Dec.	17	13.87	Aug.	29	12.65	Oct. 28	8.37
Mar.	20, 1944	17.32	Oct.	1	14.36	Dec. 2	9.28
Dec.	4	12.22	Nov.	7	14.98	Jan. 5, 1966	11.38
Apr.	4, 1945	16.12	Dec.	4	15.74	Mar. 21	14.78
Dec.	5	11.53	Dec.	31	16.61	Apr. 22	13.54
Mar.	22, 1946	16.32	Feb.	5, 1958	17.84	Sept.14	17.55
Dec.	19	18.52	Mar.	4	17.80	Oct. 17	16.85
Mar.	28, 1947	22.05	Apr.	4	18.45	Mar. 24, 1967	21.76

(D-15-4)9bab-1. Records available 1964-66

May	11, 1964	-32.81	May	18, 1965	-32.80	Mar. 21, 1966	-26.23
July	14	24.66	June	29	25.84	Oct. 20	29.30
Sept.	30	29.08	Oct.	28	21.15		

(D-15-4)20cdc-1*. Water-level recorder installed October 10, 1948. Water-levels reported for subsequent dates are at noon. Daily records not shown here are published in various water supply papers of the U.S. Geological Survey, noted in headnotes for this table. Water-level recorder removed April 4, 1949. Records available 1935-67.

Aug.	2, 1935	- 4.74	Dec.	2, 1939	- (4/)	Dec. 11, 1950	- 6.11
Sept.	3	9.28	June	3, 1940	1.13	Mar. 28, 1951	8.21
Oct.	9	11.50	Dec.	4	7.11	Dec. 13	7.34
Nov.	21	12.50	Sept.	28, 1941	1.57	Apr. 8, 1952	3.10
Dec.	10	11.74	Dec.	6	2.89	Dec. 10	1.05
Jan.	10, 1936	14.46	Mar.	27, 1942	6.34	Mar. 18, 1953	1.75
Mar.	3	13.48	Aug.	11	.72	Mar. 27, 1954	3.19
Apr.	23	11.16	Dec.	20	2.62	Nov. 29	5.62
June	19	.75	Mar.	24, 1943	4.38	Mar. 23, 1955	5.99
Aug.	7	1.59	Dec.	17	4.40	Dec. 7	6.19
Oct.	2	4.27	Mar.	20, 1944	5.73	Sept.10, 1956	4.64
Nov.	29	7.65	Dec.	4	1.72	Nov. 1	6.77
Feb.	5, 1937	6.83	Apr.	4, 1945	4.98	Dec. 5	6.08
Apr.	11	9.46	Dec.	5	2.36	Jan. 4, 1957	7.70
June	10	.62	Mar.	22, 1946	6.06	Apr. 4, 1958	2.23
Aug.	1	1.73	Dec.	19	5.54	May 7	2.95
Sept.	24	5.25	Mar.	28, 1947	7.25	June 4	.42
Nov.	3	7.94	Mar.	18, 1948	6.75	July 3	.59
Dec.	11	9.24	July	23	1.02	Aug. 4	.88
Feb.	24, 1938	10.20	Oct.	15	3.23	Sept. 2	1.43
Apr.	7	9.94	Oct.	31	4.01	Oct. 7	1.79
May	?	3/ 1.05	Nov.	15	4.64	Nov. 6	2.07
June	3	1.56	Nov.	23	4.50	Nov. 29	2.48
Aug.	30	4.40	Dec.	13	5.82	Jan. 2, 1959	3.04
Oct.	9	8.00	Apr.	4, 1949	7.80	Jan. 27	3.38
June	18, 1939	3.30	May	5	6.66	Feb. 25	3.36
Aug.	24	8.83	Dec.	13	3.08	Mar. 26	3.74
Oct.	14	(4/)	Mar.	30, 1950	5.51	Apr. 29	4.79

(D-15-4)20cdc-1 - Continued

May	29, 1959	- 3.10	Feb.	27, 1961	- 7.75	Dec. 14, 1964	- 2.77
June	24	1.75	Mar.	31	8.35	Feb. 17, 1965	3.89
July	29	2.95	Apr.	24	(4/)	Mar. 24	5.35
Aug.	25	4.05	May	26	5.00	Apr. 30	4.38
Sept.	25	5.04	July	6	3.21	June 29	- .31
Oct.	29	5.15	July	26	5.10	July 31	+ .24
Nov.	30	6.15	Aug.	24	6.30	Sept. 3	- .20
Dec.	30	7.40	Sept.	29	7.01	Nov. 4	.55
Jan.	27, 1960	7.52	Apr.	5, 1962	7.42	Nov. 28	.68
Mar.	25	6.90	Sept.	28	.95	Dec. 2	.92
Apr.	27	7.19	Apr.	11, 1963	3.95	Jan. 5, 1966	1.17
May	25	3.43	Sept.	25	2.85	Mar. 21	2.12
June	17	.30	Apr.	1, 1964	6.71	Apr. 22	2.58
July	27	1.90	May	11	3.86	May 20	1.38
Aug.	29	3.08	June	2	1.08	June 17	1.19
Sept.	30	4.71	July	6	.22	July 28	1.79
Oct.	27	5.08	Aug.	3	.52	Sept. 14	3.10
Nov.	30	6.10	Aug.	31	1.13	Oct. 26	3.16
Dec.	30	5.93	Sept.	29	1.44	Mar. 24, 1967	3.91
Jan.	30, 1961	7.10	Nov.	3	2.12		

(D-15-4)21dbd-1*. Records available 1964-67

May	11, 1964	-86.51	July	31, 1965	-75.62	Apr. 22, 1966	-82.57
July	6	82.62	Sept.	3	76.39	May 20	82.83
July	27	83.57	Oct.	4	77.48	June 17	81.82
Sept.	29	84.10	Oct.	28	77.57	July 28	82.99
Feb.	17, 1965	85.39	Dec.	2	77.85	Sept. 14	83.10
Mar.	24	85.99	Jan.	5, 1966	78.83	Oct. 26	83.57
Apr.	30	86.12	Mar.	21	81.69	Mar. 24, 1967	85.43
June	29	81.70					

(D-16-2)13dda-1. Records available 1964-67

May	4, 1964	- 5.99	Mar.	25, 1965	- 6.00	Oct. 27, 1965	- 3.59
June	2	5.52	Apr.	29	5.31	Dec. 2	3.52
June	24	5.25	May	18	5.29	Jan. 5, 1966	3.34
Sept.	4	11.00	June	4	4.96	Mar. 18	2.98
Sept.	29	9.22	June	25	4.55	Apr. 27	2.78
Oct.	30	8.14	July	30	4.10	Sept. 15	13.30
Dec.	11	7.17	Sept.	2	3.86	Oct. 28	10.40
Feb.	10, 1965	6.24	Oct.	4	3.75	Mar. 24, 1967	6.58

(D-16-2)35acd-2. Records available 1964-67

May	4, 1964	-45.62	May	18, 1965	-46.12	Jan. 3, 1966	-43.65
June	2	47.19	June	3	45.86	Feb. 22	43.68
Sept.	29	49.14	June	23	45.78	Mar. 17	43.76
Oct.	30	48.07	July	29	45.66	Apr. 20	43.97
Dec.	11	47.29	Aug.	30	44.63	Sept. 15	48.70
Feb.	10, 1965	46.85	Sept.	29	44.28	Oct. 28	47.50
Mar.	25	46.50	Oct.	26	43.91	Mar. 23, 1967	45.72
Apr.	28	46.24	Dec.	1	43.78		

(D-16-2)36cbd-1. Records available 1964-67

May	4, 1964	-18.51	May	18, 1965	-18.64	Jan. 3, 1966	-14.67
June	2	21.46	June	3	18.38	Feb. 22	14.51
Sept.	29	23.08	June	23	20.93	Mar. 17	14.50
Oct.	30	21.34	July	29	17.70	Apr. 20	14.51
Dec.	11	22.28	Aug.	30	16.11	Sept. 15	28.60
Feb.	10, 1965	19.32	Sept.	29	15.50	Oct. 28	21.14
Mar.	25	18.93	Oct.	26	15.13	Mar. 23, 1967	18.09
Apr.	28	18.78	Dec.	1	14.95		

(D-16-3)4aaa-1. Records available 1935-56, 1958-67

Aug.	5, 1935	+ 2.30	Dec.	4, 1940	+ 5.9	Mar. 12, 1958	+7.50
Sept.	3	2.15	Mar.	19, 1941	6.2	Apr. 4	7.10
Oct.	9	2.06	Dec.	6	6.6	May 7	6.80
Nov.	21	4.05	Mar.	27, 1942	6.9	June 4	7.40
Dec.	13	4.42	Aug.	11	4.8	July 3	4.70
Jan.	25, 1936	4.8	Dec.	20	6.4	Aug. 4	4.15
Mar.	3	5.1	Mar.	24, 1943	6.8	Sept. 2	4.70
Apr.	29	5.7	Dec.	17	6.2	Oct. 7	4.70
June	19	5.55	Mar.	20, 1944	7.0	Nov. 6	5.30
Aug.	7	5.3	Dec.	4	6.7	Nov. 29	4.97
Oct.	2	5.0	Apr.	4, 1945	6.8	Jan. 2, 1959	5.40
Nov.	29	5.6	Dec.	5	7.1	Jan. 27	5.20
Feb.	5, 1937	6.4	Mar.	22, 1946	7.4	Feb. 25	6.00
Apr.	11	7.6	Dec.	19	7.2	Mar. 26	5.80
June	10	6.65	Mar.	28, 1947	7.3	Apr. 29	4.85
Aug.	1	3.98	Dec.	13	7.3	May 29	4.20
Sept.	24	3.06	Mar.	18, 1948	7.2	June 24	3.98
Nov.	3	5.8	Dec.	13	6.3	July 29	3.48
Dec.	22	6.3	Apr.	4, 1949	7.0	Aug. 25	3.10
Feb.	24, 1938	6.2	Dec.	13	6.2	Sept. 25	2.95
Apr.	7	6.55	Mar.	30, 1950	7.1	Oct. 29	3.62
June	3	5.55	Dec.	11	5.9	Nov. 30	5.70
Aug.	30	3.28	Mar.	28, 1951	6.9	Dec. 30	5.40
Oct.	9	4.8	Dec.	12	5.7	Jan. 27, 1960	5.80
Dec.	22	5.4	Apr.	8, 1952	6.7	Mar. 25	5.80
Mar.	3, 1939	5.7	Dec.	9	6.6	Apr. 27	4.30
Apr.	15	5.65	Mar.	18, 1953	6.7	May 25	4.01
June	18	3.55	Dec.	14	6.7	June 17	3.83
Aug.	24	2.78	Mar.	27, 1954	6.9	July 27	3.11
Oct.	14	4.4	Nov.	30	6.3	Aug. 29	2.76
Dec.	2	5.5	Mar.	23, 1955	6.4	Sept. 30	2.78
Feb.	6, 1940	6.0	Dec.	7	6.2	Oct. 27	3.03
Mar.	27	6.1	Mar.	22, 1956	6.5	Nov. 30	5.00
June	4	4.7	Dec.	5	5.7	Dec. 30	5.50

Table 3.--Records of water levels in selected observation wells - Continued

(D-16-3)4aaa-1 - Continued

Jan.	30, 1961	+ 5.35	Apr.	1, 1964	+ 4.00	Sept.	2, 1965	+ 4.8
Feb.	27	5.50	May	6	3.80	Oct.	4	4.4
Mar.	31	5.90	July	6	4.00	Oct.	27	6.3
Apr.	24	4.90	July	31	3.21	Dec.	2	6.5
May	26	3.66	Aug.	31	2.96	Jan.	5, 1966	6.6
July	6	2.83	Sept.	29	3.16	Mar.	18	6.5
July	26	2.46	Oct.	30	3.60	Apr.	22	6.35
Aug.	24	2.25	Dec.	11	5.80	May	23	5.8
Sept.	29	2.50	Feb.	12, 1965	6.25	June	17	3.9
Apr.	5, 1962	4.80	Mar.	25	6.21	July	22	5.0
Sept.	28	3.55	Apr.	29	4.12	Sept.	14	2.95
Apr.	11, 1963	4.20	June	24	4.5	Oct.	28	4.7
Sept.	25	2.91	July	30	4.5	Mar.	24, 1967	6.03

(D-16-3)9bbb-1*. Records available 1965-67

Mar.	9, 1965	+10.95	Oct.	4, 1965	+ 9.7	May	23, 1966	+10.8
Mar.	25	11.0	Oct.	27	10.8	June	17	9.6
Apr.	29	9.8	Dec.	2	11.1	July	22	10.1
June	24	9.9	Jan.	5, 1966	10.9	Sept.	14	8.7
July	30	9.9	Mar.	18	11.3	Oct.	28	9.6
Sept.	1	10.4	Apr.	22	11.0	Mar.	24, 1967	11.0

(D-16-3)13dad-1*. Records available 1965-67

Mar.	8, 1965	-42.76	Sept.	29, 1965	-33.66	May	17, 1966	-41.08
Mar.	24	42.77	Oct.	27	34.59	June	16	41.30
Apr.	29	42.89	Dec.	1	37.72	July	21	40.70
June	3	43.04	Jan.	3, 1966	38.95	Sept.	15	41.14
June	24	43.20	Feb.	22	40.00	Nov.	3	41.47
July	30	39.47	Mar.	17	40.31	Jan.	18, 1967	41.97
Sept.	1	28.29	Apr.	20	40.69	Mar.	23	42.04

(D-16-3)14ddc-1*. Records available 1938-56, 1958-62, 1965-67

Aug.	30, 1938	-13.20	Dec.	13, 1951	-12.29	July	27, 1960	-13.97
Oct.	9	13.02	Apr.	8, 1952	11.86	Aug.	29	14.20
Dec.	22	13.56	Dec.	9	11.71	Sept.	30	14.17
Mar.	3, 1939	14.94	Mar.	18, 1953	11.48	Oct.	27	14.39
Apr.	15	14.49	Dec.	11	11.57	Nov.	30	13.62
June	17	14.49	Mar.	27, 1954	11.59	Dec.	30	13.57
Aug.	24	14.50	Mar.	23, 1955	11.91	Jan.	30, 1961	13.55
Oct.	14	14.51	Dec.	7	12.34	Feb.	27	13.51
Dec.	2	14.49	Mar.	22, 1956	12.30	Mar.	31	13.51
Feb.	7, 1940	14.47	Mar.	12, 1958	12.96	Apr.	24	13.50
Mar.	27	13.13	Apr.	4	12.98	May	26	13.80
June	4	13.00	May	7	12.98	July	6	14.22
Aug.	1	13.42	June	4	11.52	July	26	14.59
Dec.	4	13.32	July	3	13.10	Aug.	24	14.97
Mar.	19, 1941	13.21	Aug.	4	13.04	Sept.	29	14.53
Sept.	28	13.19	Sept.	2	13.03	Oct.	16, 1962	13.76
Dec.	6	13.10	Oct.	7	13.07	Feb.	10, 1965	14.15
Mar.	27, 1942	11.68	Nov.	6	13.00	Mar.	24	13.56
Aug.	11	12.35	Nov.	29	12.98	Apr.	29	13.46
Dec.	20	12.29	Jan.	2, 1959	13.05	June	4	13.46
Mar.	24, 1943	12.21	Jan.	27	12.88	June	24	13.58
Dec.	17	12.23	Feb.	25	12.86	July	30	13.52
Mar.	20, 1944	12.21	Mar.	26	12.85	Sept.	1	13.39
Dec.	4	12.15	Apr.	29	12.86	Sept.	29	13.37
Apr.	4, 1945	12.14	May	29	13.01	Oct.	27	13.25
Dec.	5	11.02	June	24	13.88	Dec.	1	13.67
Mar.	22, 1946	11.08	July	29	13.12	Jan.	3, 1966	13.37
Dec.	19	11.53	Aug.	25	13.13	Feb.	22	12.91
Mar.	28, 1947	11.48	Sept.	25	13.00	Mar.	17	13.19
Dec.	13	11.54	Oct.	29	12.94	Apr.	20	13.10
Mar.	18, 1948	11.25	Nov.	30	12.88	May	17	12.97
July	23	10.58	Dec.	30	12.91	June	16	13.12
Dec.	13	11.20	Jan.	27, 1960	12.90	July	21	14.03
Apr.	4, 1949	11.26	Mar.	25	12.92	Sept.	15	13.56
Dec.	13	11.62	Apr.	27	13.04	Nov.	3	13.45
Mar.	30, 1950	11.50	May	25	13.24	Jan.	18, 1967	13.37
Dec.	1	11.87	June	17	13.50	Mar.	23	13.28
Mar.	28, 1951	11.89						

(D-16-3)21bbb-2*. Records available 1965-67

Mar.	6, 1965	+ 4.2	Sept.	29, 1965	+ 4.5	May	17, 1966	+ 4.05
Mar.	25	4.15	Oct.	27	4.9	June	16	4.0
Apr.	29	4.05	Dec.	1	4.4	July	21	3.9
June	4	4.3	Jan.	3, 1966	4.4	Sept.	15	4.4
June	24	4.5	Feb.	22	4.4	Nov.	3	4.5
July	29	4.6	Mar.	17	4.8	Mar.	23, 1967	5.1
Sept.	1	5.0	Apr.	20	4.05			

(D-16-3)24aba-1. Records available 1965-67

July	30, 1965	+32.8	Dec.	1, 1965	+52.6	Apr.	20, 1966	+48.3
Sept.	8	65.2	Jan.	3, 1966	47.9	Sept.	15	47.2
Sept.	29	64.7	Mar.	17	41.6	Mar.	24, 1967	46.2
Oct.	27	58.1						

(D-16-3)27ccb-1*. Records available 1964-67

May	6, 1964	-30.27	Feb.	10, 1965	-27.43	Oct.	27, 1965	-11.32
June	2	27.20	Mar.	24	28.36	Dec.	1	12.63
June	25	21.68	Apr.	29	28.79	Jan.	3, 1966	13.28
July	31	24.06	June	4	27.41	Feb.	22	14.48
Sept.	3	25.69	June	24	19.10	Mar.	17	14.84
Sept.	29	26.27	July	29	9.32	Apr.	20	15.18
Oct.	30	26.76	Sept.	1	8.21	May	17	15.45
Dec.	11	26.34	Sept.	29	10.19	June	16	15.57

(D-16-3)27ccb-1 - Continued

July	21, 1966	-18.06	Nov.	3, 1966	-21.28	Mar.	23, 1967	-23.80
Sept.	15	20.35						

(D-16-3)32ddc-2. Water-level recorder installed April 8, 1938. Water levels reported for subsequent dates are at noon. Daily records not shown here are published in various water-supply papers of the U.S. Geological Survey, noted in headnotes for this table. Water-level recorder still in use in 1967. Records available 1935-67. State claim for well reported as C-11676 in past; correct claim number is 11673.

Dec.	3, 1935	+ 1.17	July	15, 1941	+16.5	Jan.	31, 1945	+16.8
Dec.	11	.63	July	31	18.4	Feb.	15	16.7
Dec.	13	.79	Aug.	15	18.0	Feb.	28	16.7
Apr.	24, 1936	.45	Aug.	31	17.6	Mar.	15	16.2
May	19	+	Sept.	15	17.7	Mar.	31	15.9
June	18	- 3.57	Sept.	30	17.2	Apr.	15	15.1
Aug.	6	+ 4.28	Oct.	15	16.4	Apr.	30	15.1
Oct.	2	4.42	Oct.	31	16.5	May	15	14.8
Oct.	26, 1937	7.05	Nov.	15	16.8	May	31	15.8
Apr.	15, 1938	7.5	Nov.	30	16.2	June	15	17.0
Apr.	30	6.4	Dec.	15	16.4	June	30	19.0
May	15	5.3	Dec.	31	16.1	July	15	20.4
May	31	7.6	Jan.	15, 1942	16.0	July	30	21.7
June	15	9.6	Jan.	31	15.8	Aug.	15	22.1
June	30	10.0	Feb.	15	15.8	Aug.	31	22.3
July	15	9.5	Feb.	28	15.3	Sept.	15	21.3
July	31	5.7	Mar.	15	15.3	Sept.	30	20.4
Aug.	15	7.7	Mar.	31	14.9	Oct.	15	20.6
Aug.	31	9.9	Apr.	15	14.9	Oct.	26	20.6
Sept.	15	9.9	Apr.	30	15.2	Nov.	15	20.1
Sept.	30	8.0	May	15	15.9	Nov.	30	19.7
Oct.	15	9.2	May	31	16.9	Dec.	15	19.6
Oct.	28	9.0	June	15	19.8	Dec.	31	19.6
Nov.	15	8.9	June	30	22.2	Jan.	6, 1946	18.4
Nov.	30	9.0	July	15	20.7	Jan.	23	17.7
Dec.	15	8.8	July	31	22.1	Feb.	15	18.0
Jan.	15, 1939	9.2	Aug.	15	22.0	Mar.	15	16.5
Jan.	31	8.2	Aug.	31	21.9	Mar.	31	16.6
Feb.	15	7.7	Sept.	15	20.6	Apr.	15	16.5
Feb.	28	7.5	Sept.	30	19.8	Apr.	30	16.3
Mar.	15	7.7	Oct.	15	19.7	May	15	16.6
Mar.	31	7.3	Oct.	31	19.4	May	31	17.4
Apr.	15	6.9	Nov.	15	18.5	June	15	17.7
Apr.	30	6.4	Nov.	30	18.0	June	30	13.2
May	15	4.0	Dec.	15	18.2	July	15	12.2
May	31	2.8	Dec.	31	17.5	July	31	14.4
June	15	1.9	Jan.	15, 1943	17.1	Aug.	15	16.5
June	30	.7	Jan.	31	16.4	Aug.	31	16.6
July	15	2.2	Feb.	15	16.4	Sept.	15	16.1
July	31	1.5	Feb.	28	15.8	Sept.	30	15.6
Aug.	15	1.7	Mar.	15	15.7	Oct.	15	14.7
Aug.	31	4.8	Mar.	31	15.2	Oct.	31	14.3
Sept.	15	6.1	Apr.	15	14.8	Nov.	15	14.0
Sept.	30	6.2	Apr.	30	14.7	Nov.	30	13.5
Oct.	15	6.5	May	15	15.1	Dec.	15	13.4
Oct.	31	6.5	May	31	14.2	Dec.	31	12.6
Nov.	15	6.6	June	15	15.8	Jan.	15, 1947	14.7
Nov.	30	6.5	June	30	13.9	Jan.	31	14.4
Dec.	15	6.4	July	15	11.3	Feb.	15	14.1
Dec.	31	5.9	July	31	15.5	Feb.	24	13.8
Jan.	15, 1940	5.9	Aug.	15	15.6	Mar.	15	13.6
Jan.	31	5.8	Aug.	31	15.5	Mar.	31	13.4
Feb.	15	5.9	Sept.	15	15.1	Apr.	15	13.3
Feb.	29	5.4	Sept.	30	14.5	Apr.	30	13.3
Mar.	15	5.5	Oct.	14	13.9	May	15	13.8
Mar.	31	5.1	Oct.	31	13.5	May	31	15.5
Apr.	15	5.3	Nov.	15	14.1	June	15	17.7
Apr.	30	5.3	Nov.	30	13.7	June	30	19.7
May	15	3.8	Dec.	15	13.0	July	13	21.9
June	15	9.1	Dec.	31	12.7	July	27	20.3
June	30	4.8	Jan.	15, 1944	12.7	Aug.	15	21.1
July	15	6.4	Jan.	31	12.5	Aug.	30	21.8
July	31	7.3	Feb.	15	12.2	Sept.	18	20.3
Aug.	15	9.0	Feb.	26	12.1	Sept.	30	19.6
Aug.	31	9.7	Mar.	15	11.6	Oct.	14	19.0
Sept.	15	9.4	Mar.	28	11.2	Oct.	31	19.0
Sept.	30	9.5	Apr.	15	10.8	Nov.	15	18.9
Oct.	15	9.4	Apr.	30	10.5	Nov.	30	18.6
Oct.	31	9.3	May	15	10.6	Dec.	15	18.6
Nov.	15	9.1	May	30	11.3	Dec.	31	18.1
Nov.	30	8.7	June	15	13.3	Jan.	15, 1948	16.1
Dec.	15	8.8	June	30	16.4	Jan.	31	16.0
Dec.	31	8.8	July	15	16.8	Feb.	11	15.9
Jan.	15, 1941	8.8	July	31	17.2	Feb.	29	15.1
Jan.	31	9.2	Aug.	15	18.2	Mar.	15	15.0
Feb.	15	8.9	Aug.	31	18.8	Mar.	31	14.8
Feb.	28	9.1	Sept.	15	17.3	Apr.	10	14.4
Mar.	14	8.9	Sept.	30	17.3	Apr.	30	14.2
Mar.	31	8.8	Oct.	15	17.0	May	15	14.3
Apr.	15	8.7	Oct.	31	16.8	May	29	15.2
Apr.	30	8.4	Nov.	15	16.6	June	15	17.6
May	15	8.3	Nov.	30	16.1	June	30	18.4
May	31	9.6	Dec.	15	18.3	July	15	15.0
June	15	11.5	Dec.	31	17.7	July	31	15.8
June	30	14.6	Jan.	15, 1945	17.4	Aug.	15	14.2

Table 3.--Records of water levels in selected observation wells - Continued

(D-16-3)32ddc-2 - Continued

Aug. 31, 1948	+16.0	Aug. 16, 1952	+27.3	Aug. 20, 1956	+ 7.7
Sept. 15	17.7	Aug. 31	26.6	Sept. 15	9.1
Sept. 30	17.6	Sept. 15	26.6	Sept. 30	10.0
Oct. 16	17.2	Sept. 30	26.0	Oct. 15	9.6
Oct. 26	17.2	Oct. 15	25.4	Nov. 10	9.3
Nov. 15	17.0	Oct. 31	23.9	Nov. 25	9.0
Nov. 29	16.8	Nov. 15	23.9	Dec. 5	7.8
Dec. 16	16.5	Nov. 30	23.4	Jan. 15, 1957	8.0
Dec. 28	16.0	Dec. 15	22.8	Jan. 31	8.5
Jan. 15, 1949	15.7	Dec. 26	22.5	Feb. 15	8.1
Jan. 31	14.7	Jan. 15, 1953	20.3	Feb. 28	7.8
Feb. 15	13.7	Jan. 31	19.8	Mar. 15	7.7
Feb. 28	14.5	Feb. 15	19.4	Mar. 31	7.6
Mar. 15	14.3	Feb. 28	18.6	Apr. 10	7.5
Mar. 31	13.8	Mar. 15	18.1	Apr. 30	7.1
Apr. 15	13.5	Mar. 30	17.2	May 15	7.4
Apr. 30	13.3	Apr. 14	17.1	May 31	8.1
May 14	13.6	Apr. 30	16.5	June 15	10.2
May 31	14.6	May 15	16.6	July 10	1/ 16.1
June 15	17.4	May 30	16.8	July 31	17.9
June 30	17.9	June 15	17.8	Aug. 10	18.3
July 15	17.6	June 30	20.0	Aug. 31	17.8
July 31	18.5	July 11	19.2	Sept. 10	1/ 17.8
Aug. 14	18.0	July 28	19.2	Sept. 30	17.6
Aug. 31	18.5	Aug. 15	19.2	Oct. 20	17.3
Sept. 16	19.4	Aug. 31	18.9	Oct. 31	1/ 16.8
Sept. 30	18.7	Sept. 15	19.0	Nov. 10	15.6
Oct. 15	18.6	Sept. 30	18.5	Nov. 25	15.9
Oct. 30	18.1	Oct. 15	17.9	Dec. 15	1/ 15.4
Nov. 15	16.9	Oct. 31	17.5	Dec. 31	15.5
Nov. 29	18.0	Nov. 15	16.8	Jan. 15, 1958	1/ 15.2
Dec. 15	17.2	Nov. 30	16.5	Jan. 31	14.6
Dec. 27	17.6	Dec. 15	16.0	Feb. 15	14.5
Jan. 20, 1950	17.3	Jan. 15, 1954	16.7	Mar. 15	14.3
Jan. 31	17.5	Jan. 31	15.9	Mar. 31	14.3
Feb. 15	16.5	Feb. 15	15.5	Apr. 15	14.1
Jan. 28	16.2	Feb. 28	15.4	Apr. 30	14.4
Mar. 15	16.0	Mar. 15	15.1	May 15	14.2
Mar. 31	15.7	Mar. 31	15.1	May 25	15.1
Apr. 15	15.0	Apr. 15	14.8	June 25	19.4
Apr. 30	14.5	Apr. 30	14.5	July 15	18.4
May 15	14.2	May 15	14.6	July 31	17.8
May 31	14.4	May 31	15.8	Aug. 15	16.6
June 15	15.2	June 15	16.4	Aug. 31	17.1
June 30	10.8	June 30	15.4	Sept. 15	17.2
July 15	12.2	July 15	14.1	Sept. 30	17.2
July 31	11.2	July 31	12.3	Oct. 15	17.2
Aug. 15	11.6	Aug. 15	12.6	Nov. 15	15.9
Aug. 25	12.6	Aug. 31	12.0	Nov. 30	1/ 15.8
Sept. 15	14.1	Sept. 15	14.3	Dec. 10	1/ 15.2
Sept. 30	14.4	Sept. 29	14.2	Feb. 5, 1959	14.4
Oct. 14	14.2	Oct. 15	13.8	Feb. 25	14.3
Oct. 31	13.4	Oct. 31	13.6	Mar. 5	14.1
Nov. 15	13.5	Nov. 15	13.3	Mar. 25	1/ 14.3
Nov. 29	13.4	Nov. 30	12.8	Apr. 20	14.0
Dec. 15	12.8	Dec. 15	12.6	May 10	1/ 12.7
Dec. 31	12.4	Dec. 31	12.4	May 25	9.6
Jan. 15, 1951	12.2	Jan. 15, 1955	12.8	June 15	8.1
Jan. 31	12.1	Jan. 26	12.8	June 30	8.8
Feb. 13	11.7	Feb. 15	12.9	July 15	6.6
Feb. 28	11.6	Feb. 27	12.8	July 31	7.7
Mar. 15	11.4	Mar. 15	12.1	Aug. 15	8.8
Mar. 28	11.1	Mar. 31	12.1	Aug. 31	8.4
Apr. 15	11.2	Apr. 20	12.1	Sept. 15	9.5
Apr. 28	10.8	Apr. 30	11.8	Sept. 30	9.4
May 16	10.2	May 14	10.2	Oct. 15	9.2
May 31	10.5	May 31	11.2	Oct. 31	9.0
June 15	9.4	June 13	10.9	Nov. 10	9.4
June 30	7.5	June 28	13.2	Nov. 30	9.0
July 15	7.1	July 16	8.9	Dec. 15	1/ 8.9
July 31	6.9	July 28	9.9	Dec. 31	10.1
Aug. 15	9.4	Aug. 16	10.8	Jan. 15, 1960	8.3
Aug. 31	11.1	Aug. 23	12.2	Jan. 31	8.0
Sept. 15	10.1	Sept. 9	10.8	Feb. 15	1/ 8.2
Sept. 30	9.9	Sept. 27	6.8	Mar. 15	7.8
Oct. 15	11.5	Oct. 17	12.0	Mar. 31	8.0
Oct. 31	11.7	Oct. 22	12.8	Apr. 15	7.8
Nov. 15	11.3	Nov. 13	11.8	Apr. 30	7.2
Nov. 28	11.0	Dec. 15	10.9	May 15	6.2
Dec. 15	10.6	Dec. 31	11.0	May 31	5.6
Dec. 31	10.4	Jan. 15, 1956	10.8	June 15	4.2
Jan. 14, 1952	10.5	Jan. 31	10.8	June 30	3.2
Jan. 31	10.4	Feb. 15	10.4	July 15	3.3
Feb. 15	10.5	Feb. 28	10.5	July 31	2.5
Feb. 29	10.0	Mar. 10	10.2	Aug. 15	4.9
Mar. 15	10.3	Mar. 31	10.0	Aug. 31	4.4
Mar. 27	9.9	Apr. 15	9.2	Sept. 15	7.2
Apr. 15	10.6	Apr. 25	9.7	Sept. 30	7.5
Apr. 30	10.9	May 15	9.5	Oct. 15	7.2
May 15	12.9	May 31	10.0	Oct. 25	7.5
May 31	16.1	June 15	10.2	Nov. 15	7.9
June 12	21.2	June 25	9.1	Nov. 30	8.6
June 30	24.8	July 15	7.1	Dec. 5	8.2
July 15	26.9	July 31	5.8	Dec. 31	1/ 8.3
July 31	27.1	Aug. 10	7.9	Jan. 15, 1961	7.1

(D-16-3)32ddc-2 - Continued

Jan. 31, 1961	+ 7.4	Apr. 15, 1963	+13.4	Feb. 28, 1965	+15.0
Feb. 15	8.0	Apr. 30	13.4	Mar. 15	13.6
Feb. 28	6.4	May 15	13.2	Mar. 31	13.7
Mar. 15	6.6	May 31	13.1	Apr. 15	13.6
Mar. 31	6.7	June 10	12.7	Apr 30	13.4
Apr. 15	6.6	June 30	10.3	May 15	13.0
Apr. 30	6.4	July 15	8.9	May 31	13.6
May 15	6.2	July 31	9.8	June 15	15.5
May 31	5.2	Aug. 15	11.7	June 30	18.7
June 15	1.2	Aug. 30	12.6	July 15	21.4
Aug. 15	2.0	Sept. 30	13.2	July 31	22.5
Aug. 31	3.8	Oct. 15	13.0	Aug. 15	23.5
Sept. 15	2.1	Oct. 31	12.5	Aug. 31	24.2
Oct. 15	4.5	Nov. 15	12.5	Sept. 15	24.9
Oct. 31	5.1	Nov. 25	13.2	Sept. 30	23.5
Nov. 15	4.5	Dec. 10	14.8	Oct. 15	23.5
Dec. 5	5.8	Dec. 31	14.4	Oct. 31	23.0
Dec. 20	5.8	Jan. 13, 1964	15.4	Nov. 15	22.1
Jan. 10, 1962	5.5	Jan. 30	13.0	Nov. 30	22.0
Jan. 31	5.6	Feb. 15	14.0	Dec. 10	21.8
Feb. 25	6.3	Feb. 29	13.5	Jan. 10, 1966	21.9
Mar. 25	5.7	Mar. 10	13.3	Jan. 31	20.5
Mar. 31	5.8	Mar. 30	13.0	Feb. 7	20.3
Apr. 15	6.2	Apr. 15	13.5	Mar. 15	20.3
Apr. 30	6.5	Apr. 30	13.3	Mar. 31	20.5
May 10	7.0	May 15	13.0	Apr. 15	20.4
May 31	8.7	May 30	13.5	Apr. 25	20.5
June 15	10.0	June 15	15.0	May 15	20.8
June 30	13.4	June 30	17.5	May 31	21.3
July 15	13.5	July 15	16.7	June 15	16.4
July 31	14.0	July 30	12.4	June 30	15.2
Aug. 15	13.4	Aug. 15	14.2	July 15	12.8
Aug. 31	14.8	Aug. 31	11.3	July 31	14.3
Sept. 10	15.5	Sept. 15	14.4	Aug. 15	12.8
Sept. 25	15.5	Sept. 30	14.7	Aug. 31	11.8
Oct. 15	15.5	Oct. 15	14.5	Sept. 15	17.1
Oct. 31	15.4	Oct. 31	13.8	Sept. 25	17.5
Nov. 15	14.9	Nov. 15	13.6	Oct. 15	17.3
Nov. 30	15.0	Nov. 30	14.2	Oct. 31	17.3
Dec. 10	15.0	Dec. 15	15.0	Nov. 15	16.8
Dec. 20	14.7	Dec. 20	14.6	Nov. 30	17.2
Feb. 15, 1963	14.0	Jan. 15, 1965	14.8	Dec. 12	16.8
Feb. 28	13.8	Jan. 31	14.1	Dec. 26	17.0
Mar. 20	13.6	Feb. 15	14.4	Mar. 23, 1967	16.1
Mar. 30	13.4				

(D-17-2)1bca-2. Records available 1938-56, 1958-67

Apr. 8, 1938	+ 4.70	Nov. 30, 1954	+ 7.7	Mar. 31, 1961	+ 4.69
June 3	4.50	Mar. 23, 1955	6.8	Apr. 24	4.72
Aug. 25	4.75	Dec. 6	5.6	May 26	+ 1.68
Oct. 8	4.70	Mar. 22, 1956	6.2	July 6	- 6.80
Dec. 22	4.95	Mar. 12, 1958	6.60	July 26	8.18
Mar. 3, 1939	5.00	Apr. 4	6.40	Aug. 24	- 6.63
Apr. 17	4.85	May 7	6.75	Sept. 29	+ 1.98
June 17	4.42	June 4	6.90	Apr. 5, 1962	4.11
Aug. 23	4.36	July 3	+ 3.72	Sept. 28	5.6
Oct. 14	4.28	Aug. 4	- 2.00	Apr. 11, 1963	7.2
Dec. 4	4.39	Sept. 2	- 3.58	Sept. 25	3.75
Feb. 7, 1940	4.36	Oct. 7	+ 5.00	Apr. 1, 1964	6.2
Mar. 26	4.36	Nov. 6	5.60	May 4	+ 6.4
June 4	4.33	Nov. 29	5.00	June 24	- 5.17
Dec. 4	4.80	Jan. 2, 1959	5.85	July 31	6.51
Mar. 19, 1941	5.08	Jan. 27	5.85	Sept. 3	- 6.52
Dec. 6	6.3	Feb. 25	6.35	Sept. 29	+ 3.5
Mar. 27, 1942	6.3	Mar. 26	6.50	Oct. 30	4.6
Aug. 11	6.9	Apr. 29	+ 6.50	Dec. 11	5.6
Dec. 20	6.5	May 29	- .52	Feb. 10, 1965	6.05
Mar. 24, 1943	6.4	June 24	4.72	Mar. 25	6.2
Dec. 17	5.85	July 29	5.52	Apr. 28	5.9
Dec. 5, 1944	6.1	Aug. 25	- 2.84	May 25	6.0
Apr. 3, 1945	6.3	Sept. 25	+ 3.15	June 3	5.95
Dec. 6	7.0	Oct. 29	4.75	June 23	3.5
Mar. 22, 1946	6.95	Nov. 30	5.20	July 29	6.8
Dec. 18	6.2	Dec. 30	5.10	Aug. 30	8.4
Mar. 27, 1947	6.1	Jan. 27, 1960	5.00	Sept. 29	8.5
Dec. 13	8.3	Mar. 25	5.40	Oct. 26	8.8
Mar. 17, 1948	8.1	Apr. 27	+ 5.70	Dec. 1	8.5
Dec. 13	7.9	May 25	- 4.16	Jan. 3, 1966	8.7
Apr. 4, 1949	7.6	June 17	6.05	Feb. 22	8.7
Dec. 13	7.5	July 27	7.82	Mar. 17	8.8
Mar. 30, 1950	7.8	Aug. 29	- 1.88	Apr. 20	+ 8.4
Dec. 10	6.7	Sept. 30	+ 2.84	May 17	- 1.36
Mar. 27, 1951	6.5	Oct. 27	3.45	June 16	3.80
Dec. 11	6.4	Nov. 30	4.03	July 21	4.97
Dec. 9, 1952	9.8	Dec. 30	4.42	Sept. 15	- 2.72
Mar. 17, 1953	8.5	Jan. 30, 1961	4.50	Oct. 28	+ 5.4
Dec. 14	8.2	Feb. 27	4.61	Mar. 23, 1967	6.7
Mar. 27, 1954	8.2				

(D-17-2)26dba-1. Records available 1965-67

Mar. 1, 1965	+16.2	July 28, 1965	+19.4	Dec. 30, 1965	+18.6
Mar. 24	16.2	Aug. 30	20.4	Jan. 29, 1966	18.1
Apr. 27	15.95	Sept. 28	20.2	Mar. 16	17.9
May 27	15.9	Oct. 25	19.8	Apr. 15	17.3
June 22	17.3	Nov. 30	19.1	May 16	16.4

Table 3.--Records of water levels in selected observation wells - Continued

(D-17-2)26dba-1 - Continued						
June 14, 1966	+16.2	Sept. 19, 1966	+16.6	Jan. 4, 1967	+15.9	
July 19	15.9	Nov. 4	15.9	Mar. 21	15.7	
(D-17-2)27abc-1.	Records available 1965-67					
Mar. 25, 1965	+14.0	Oct. 26, 1965	+15.8	June 16, 1966	+13.8	
Apr. 28	13.7	Dec. 1	15.8	July 21	13.3	
June 3	13.1	Jan. 3, 1966	16.2	Sept. 15	13.4	
June 23	12.8	Mar. 17	14.6	Oct. 28	13.2	
July 29	13.8	Apr. 20	15.2	Jan. 5, 1967	12.5	
Aug. 30	15.4	May 17	14.7	Mar. 23	12.8	
Sept. 29	15.6					
(D-17-2)36cba-1.	(Listed previously as (D-17-2)36ca and 36cbd) Records available 1935-56, 1958-62, 1965-67.					
Aug. 5, 1935	- 0.72	Dec. 13, 1947	+ 3.8	May 25, 1960	- 5.90	
Sept. 5	0.95	Mar. 17, 1948	.9	June 17	2.93	
Nov. 21	2.40	Dec. 13	+ .70	July 27	3.96	
Dec. 12	2.65	Apr. 4, 1949	- 1.65	Aug. 29	5.55	
Jan. 9, 1936	- 3.38	Mar. 30, 1950	.64	Sept. 28	5.46	
June 18	+ 4.32	Dec. 10	- 1.38	Oct. 27	5.18	
Aug. 6	5.6	Mar. 27, 1951	- 2.59	Nov. 28	4.92	
Oct. 1	4.1	Dec. 8, 1952	+ 3.75	Dec. 30	5.05	
Nov. 30	+ 2.80	Mar. 17, 1953	0.73	Jan. 30, 1961	5.50	
Apr. 10, 1937	- 1.28	Dec. 10	+ .81	Feb. 27	5.99	
June 9	+ 4.03	Mar. 26, 1954	- .72	Mar. 31	6.36	
Aug. 2	6.15	Dec. 6, 1955	4.62	Apr. 24	6.53	
Sept. 24	4.05	Mar. 22, 1956	- 5.75	May 26	6.35	
Nov. 2	2.85	Mar. 12, 1958	+ .27	July 6	6.19	
Dec. 22	+ 1.22	Apr. 4	- .29	July 26	7.17	
Apr. 9, 1938	- 1.78	June 4	+ 3.65	Aug. 24	7.61	
June 3	+ 3.63	July 3	5.20	Sept. 29	- 8.30	
Aug. 25	3.27	Aug. 4	4.75	Oct. 16, 1962	+ 2.62	
Oct. 8	2.08	Sept. 2	2.36	Mar. 1, 1965	- 2.23	
Dec. 21	+ .20	Oct. 7	2.15	Mar. 22	3.66	
Apr. 17, 1939	- 2.11	Nov. 6	1.84	Apr. 27	3.84	
June 17	+ .34	Nov. 29	1.50	May 27	- 1.93	
Aug. 23	+ .45	Dec. 31	.85	June 22	+ 4.6	
Oct. 15	- .76	Jan. 27, 1959	+ .60	July 28	7.4	
Dec.. 5	1.80	Feb. 25	- .12	Aug. 30	6.9	
Mar. 26, 1940	- 3.28	Mar. 26	1.06	Sept. 28	6.8	
June 4	+ 3.75	Apr. 29	1.50	Oct. 25	5.4	
Dec. 5	+ .15	May 27	2.37	Nov. 30	4.4	
Mar. 19, 1941	- 1.92	June 24	4.03	Dec. 30	3.14	
Dec. 5	5/+ 3.50	July 29	5.66	Jan. 29, 1966	2.10	
Mar. 18, 1942	- .02	Aug. 25	6.36	Mar. 16	+ .70	
Aug. 10	+ 6.4	Sept. 25	6.42	Apr. 15	- .30	
Dec. 20	+ 2.4	Oct. 29	6.10	May 16	- .24	
Mar. 25, 1943	- .17	Nov. 30	6.21	June 14	+ .92	
Dec. 17	- 1.12	Dec. 30	6.24	July 19	- .78	
Dec. 4, 1944	+ 2.56	Jan. 26, 1960	6.15	Sept. 19	3.59	
Apr. 3, 1945	.27	Feb. 26	6.74	Nov. 4	3.40	
Dec. 6	3.45	Mar. 25	6.88	Mar. 21, 1967	4.10	
Mar. 21, 1946	.88	Apr. 27	6.81			
(D-17-3)6aad-1.	Records available 1935-40, 1965-67					
Nov. 30, 1935	+12.7	Oct. 8, 1938	+18.25	July 29, 1965	+24.6	
Dec. 12	13.05	Dec. 22	20.4	Sept. 1	25.0	
Dec. 13	12.80	Apr. 17, 1939	17.0	Sept. 29	24.7	
Jan. 7, 1936	13.15	June 17	15.8	Oct. 26	25.2	
June 18	13.8	Aug. 23	16.45	Dec. 1	23.8	
Oct. 1	16.65	Oct. 14	16.7	Jan. 3, 1966	23.6	
Nov. 28	16.7	Dec. 4	16.7	Feb. 22	23.4	
Apr. 12, 1937	16.8	Mar. 26, 1940	17.8	Mar. 17	23.1	
June 10	15.4	June 4	16.4	Apr. 20	22.3	
Aug. 2	18.1	Dec. 4	17.9	May 17	19.6	
Sept. 24	18.75	Mar. 3, 1965	19.2	June 16	17.6	
Nov. 4	18.1	Mar. 25	19.7	July 21	15.7	
Dec. 22	19.0	Apr. 28	18.0	Sept. 15	16.5	
Apr. 8, 1938	19.0	June 3	19.8	Nov. 3	18.4	
Aug. 25	18.5	June 23	20.6	Mar. 23, 1967	18.3	
(D-17-3)6cab-1.	(Listed previously as (D-17-3)6ca) Records available 1935-36, 1965-67					
Dec. 3, 1935	+ 7.2	Mar. 25, 1965	+ 6.4	Feb. 22, 1966	+ 8.2	
Dec. 12	6.3	Apr. 28	6.2	Mar. 17	8.1	
Dec. 13	7.30	June 3	6.15	Apr. 20	7.6	
Jan. 10, 1936	7.00	June 23	6.8	May 17	6.9	
Mar. 3	6.55	July 29	9.2	June 16	6.6	
Apr. 24	4.54	Aug. 30	9.4	July 21	6.65	
June 18	6.0	Sept. 29	9.25	Sept. 15	6.3	
Aug. 6	6.6	Oct. 26	9.2	Nov. 3	6.6	
Oct. 1	6.3	Dec. 1	8.6	Mar. 23, 1967	6.3	
Mar. 4, 1965	6.3	Jan. 3, 1966	8.7			
(D-17-3)6dbb-3.	(Previously listed as (D-17-3)6dba-1) Records available 1935-56, 1958-62					
Dec. 3, 1935	+ 4.35	Oct. 1, 1936	+ 4.35	Feb. 24, 1938	+ 7.6	
Dec. 12	4.45	Nov. 28	4.00	Apr. 8	5.4	
Dec. 13	4.45	Feb. 5, 1937	5.6	June 3	3.78	
Jan. 10, 1936	4.15	Apr. 12	4.00	Aug. 25	4.28	
Jan. 24	4.4	June 10	4.14	Oct. 8	3.90	
Mar. 3	4.10	Aug. 2	4.95	Dec. 22	6.0	
Apr. 24	2.60	Sept. 24	4.5	Mar. 3, 1939	5.8	
June 18	3.80	Nov. 4	4.4	Apr. 17	4.35	
Aug. 6	4.5	Dec. 22	7.3	June 17	2.40	
(D-17-3)6dbb-3 - Continued						
Aug. 23, 1939	+3.55	Dec. 11, 1951	+ 3.92	July 29, 1959	+ 3.60	
Oct. 14	3.32	Apr. 7, 1952	3.58	Aug. 25	3.33	
Dec. 4	3.80	Dec. 9	6.4	Sept. 25	3.52	
Feb. 7, 1940	3.78	Mar. 17, 1953	5.6	Oct. 29	3.57	
Mar. 26	3.75	Dec. 11	5.5	Nov. 30	3.55	
June 4	3.65	Mar. 27, 1954	4.9	Dec. 30	3.55	
Dec. 4	4.6	Nov. 30	4.7	Jan. 27, 1960	3.55	
Mar. 19, 1941	4.5	Mar. 23, 1955	4.1	Mar. 25	3.59	
Dec. 6	6.4	Dec. 6	3.91	Apr. 27	3.20	
Mar. 27, 1942	6.3	Mar. 22, 1956	4.2	May 25	2.81	
Aug. 11	8.2	Mar. 12, 1958	5.30	June 17	2.67	
Dec. 20	6.5	Apr. 4	5.10	July 27	2.53	
Mar. 24, 1943	5.7	May 7	5.10	Aug. 29	2.11	
Dec. 17	5.05	June 4	5.30	Sept. 30	2.61	
Mar. 20, 1944	4.93	July 3	6.25	Oct. 27	2.75	
Dec. 5	6.1	Aug. 4	5.75	Nov. 30	2.96	
Apr. 3, 1945	5.8	Sept. 2	4.75	Dec. 30	3.13	
Dec. 6	7.4	Oct. 7	4.70	Jan. 30, 1961	3.22	
Mar. 22, 1946	6.2	Nov. 6	4.80	Feb. 27	3.06	
Dec. 19	4.4	Nov. 29	4.35	Mar. 31	2.93	
Mar. 27, 1947	4.3	Jan. 2, 1959	4.65	Apr. 24	2.68	
Dec. 13	5.5	Jan. 27	4.20	May 26	2.16	
Mar. 17, 1948	5.0	Feb. 25	4.80	July 6	1.68	
Dec. 13	5.2	Mar. 26	4.76	July 26	1.68	
Apr. 4, 1949	4.52	Apr. 29	4.74	Aug. 24	1.35	
Dec. 13	5.0	May 29	3.80	Sept. 29	1.35	
Mar. 30, 1950	4.9	June 24	3.45	Oct. 16, 1962	4.70	
Mar. 27, 1951	4.1					
(D-17-3)8bab-1.	Records available 1935-40, 1965-67					
Nov. 21, 1935	- 0.32	Apr. 8, 1938	+ 5.25	June 23, 1965	+10.4	
Nov. 30	.16	June 3	4.85	July 29	15.20	
Dec. 12	.02	Aug. 25	8.6	Aug. 30	16.0	
Dec. 13	.06	Oct. 8	7.7	Sept. 28	15.5	
Jan. 9, 1936	.25	Dec. 22	7.3	Oct. 26	14.4	
Jan. 24	.3	Apr. 17, 1939	4.8	Dec. 1	12.9	
Apr. 24	- 1.24	June 17	4.02	Jan. 3, 1966	11.6	
June 18	+ 1.94	Aug. 23	3.77	Feb. 22	9.4	
Aug. 7	5.35	Oct. 14	4.35	Mar. 17	8.6	
Oct. 1	4.6	Dec. 4	4.26	Apr. 20	8.1	
Nov. 28	3.63	Mar. 26, 1940	3.05	May 17	8.2	
Apr. 12, 1937	2.54	June 4	5.8	June 16	7.8	
June 9	3.90	Dec. 5	7.5	July 20	5.9	
Aug. 2	7.1	Mar. 3, 1965	2.60	Sept. 15	3.85	
Sept. 24	7.75	Mar. 24	2.64	Nov. 3	3.14	
Nov. 4	6.6	Apr. 28	3.12	Mar. 23, 1967	1.51	
Dec. 22	6.7	June 3	7.45			
(D-17-3)9cbd-1.	Records available 1935-56, 1958-67					
Dec. 2, 1935	-50.82	Mar. 27, 1947	-37.03	Feb. 25, 1959	-30.37	
Dec. 12	50.72	Mar. 28	37.05	Mar. 26	31.53	
Dec. 13	50.80	Apr. 7	37.15	Apr. 29	33.05	
Jan. 9, 1936	51.05	Apr. 16	37.32	Aug. 25	41.29	
Jan. 24	51.27	Apr. 22	37.26	Sept. 25	41.11	
Mar. 3	51.38	May 11	36.70	Oct. 29	41.28	
Apr. 24	51.87	May 28	32.08	Nov. 30	42.32	
June 18	45.44	June 7	27.99	Dec. 30	42.64	
Aug. 7	40.19	June 17	23.70	Jan. 27, 1960	43.15	
Oct. 1	41.33	July 3	19.21	Mar. 25	44.42	
Nov. 28	42.60	Aug. 4	18.40	May 25	46.14	
Feb. 5, 1937	44.23	Sept. 5	19.16	June 17	42.87	
Apr. 12	44.80	Dec. 4	25.88	July 27	43.56	
June 9	41.95	Dec. 13	26.50	Sept. 30	44.30	
Aug. 2	36.00	Mar. 10, 1948	30.98	Oct. 27	44.16	
Sept. 24	37.10	Mar. 17	30.94	Nov. 30	44.55	
Nov. 2	38.72	July 22	29.50	Dec. 30	44.75	
Dec. 22	39.57	Dec. 13	29.70	Jan. 30, 1961	45.40	
Feb. 24, 1938	41.10	Apr. 4, 1949	34.30	Feb. 27	45.78	
Apr. 8	42.43	Dec. 13	28.26	Mar. 31	46.00	
June 3	41.27	Mar. 30, 1950	32.87	Apr. 24	45.83	
Oct. 8	36.74	Dec. 10	35.59	Aug. 24	50.29	
Dec. 21	37.67	Mar. 27, 1951	38.29	Sept. 29	48.72	
Mar. 3, 1939	41.21	Dec. 11	38.86	Apr. 5, 1962	47.02	
Apr. 17	42.62	Apr. 8, 1952	40.67	Sept. 28	23.39	
June 17	42.40	Dec. 8	18.68	Apr. 11, 1963	31.92	
Oct. 14	42.60	Mar. 17, 1953	24.73	Sept. 25	32.20	
Dec. 4	43.23	Dec. 11	26.70	Apr. 1, 1964	39.34	
Mar. 26, 1940	45.22	Mar. 26, 1954	31.26	May 1	40.03	
June 4	40.22	Nov. 30	35.35	June 2	40.35	
Dec. 5	37.81	Mar. 22, 1955	37.45	June 24	33.27	
Mar. 19, 1941	39.81	Dec. 6	38.49	Sept. 3	31.92	
Sept. 28	22.82	Mar. 22, 1956	40.85	Sept. 28	31.81	
Dec. 5	25.89	Dec. 5	43.15	Oct. 30	32.82	
Mar. 18, 1942	28.94	Mar. 12, 1958	29.60	Dec. 11	34.35	
Aug. 10	12.49	Apr. 4	31.15	Feb. 9, 1965	36.09	
Dec. 20	23.23	May 7	31.50	Mar. 24	37.17	
Mar. 24, 1943	28.34	June 4	23.68	Apr. 28	38.06	
Dec. 17	34.41	July 3	14.92	May 14	37.99	
Mar. 19, 1944	37.23	Aug. 4	17.62	June 3	36.67	
Dec. 4	25.29	Sept. 2	20.28	June 23	28.05	
Apr. 3, 1945	31.30	Oct. 7	23.44	July 29	15.76	
Dec. 6	24.08	Nov. 6	24.38	Aug. 30	12.98	
Mar. 22, 1946	30.28	Nov. 29	25.79	Sept. 28	14.56	
Dec. 19	33.90	Jan. 2, 1959	27.61	Oct. 26	17.50	
Feb. 27, 1947	36.15	Jan. 27	29.00	Dec. 1	21.50	

Table 3.--Records of water levels in selected observation wells - Continued

(D-17-3)9cbd-1 - Continued

Feb. 22, 1966	-24.16	May 16, 1966	-26.53	Sept. 16, 1966	-31.35
Mar. 16	25.26	June 16	25.70	Nov. 3	33.20
Apr. 20	26.99	July 20	28.00	Mar. 23, 1967	38.17

(D-17-3)17aad-1*. Records available 1938-56, 1958-61, 1964-67

Apr. 9, 1938	-50.91	Dec. 8, 1952	-28.63	Oct. 27, 1960	-53.38
Oct. 8	46.46	Mar. 17, 1953	34.50	Nov. 30	53.43
Dec. 21	48.65	Dec. 11	36.57	Dec. 30	53.53
Mar. 3, 1939	50.40	Mar. 26, 1954	40.69	Jan. 30, 1961	54.60
Aug. 23	51.44	Nov. 30	43.49	Feb. 27	56.63
Oct. 15	51.94	Mar. 22, 1955	46.52	Mar. 31	57.99
Dec. 4	52.62	Dec. 6	48.14	Apr. 24	56.18
Mar. 26, 1940	54.38	Mar. 22, 1956	49.42	Aug. 24	63.18
June 4	49.78	Mar. 12, 1958	38.78	Sept. 29	56.74
Dec. 5	47.44	Apr. 4	39.63	May 1, 1964	49.11
Mar. 19, 1941	49.36	May 7	39.95	June 23	41.94
Sept. 28	33.43	June 4	37.80	Sept. 28	41.93
Dec. 5	36.55	July 3	30.50	Feb. 9, 1965	45.32
Mar. 18, 1942	39.52	Aug. 4	31.34	Mar. 24	46.36
Aug. 10	24.14	Sept. 2	30.86	Apr. 28	47.16
Mar. 25, 1943	39.31	Oct. 7	32.95	June 3	44.35
Dec. 17	44.46	Nov. 6	34.60	June 23	35.77
Dec. 4, 1944	35.78	Nov. 29	35.87	July 23	25.14
Apr. 3, 1945	41.73	Jan. 2, 1959	37.50	Aug. 30	23.95
Dec. 6	34.37	Jan. 27	38.73	Sept. 28	24.85
Dec. 19, 1946	44.35	Feb. 25	39.92	Oct. 26	26.55
Mar. 27, 1947	47.07	Mar. 26	40.98	Dec. 1	29.12
Dec. 13	37.00	Apr. 29	42.30	Jan. 3, 1966	31.15
Dec. 13, 1948	6/ 39.80	Sept. 25	50.92	Feb. 22	33.85
Apr. 4, 1949	44.01	Oct. 29	50.65	Mar. 16	34.85
Dec. 13	39.25	Nov. 30	51.85	Apr. 20	36.40
Mar. 30, 1950	42.98	Dec. 30	51.39	May 16	36.42
Dec. 10	45.72	Jan. 27, 1960	51.95	Sept. 1	43.48
Mar. 27, 1951	47.67	Mar. 25	52.66	Sept. 16	41.93
Dec. 11	48.06	May 25	64.23	Nov. 3	43.20
Apr. 7, 1952	49.95	Sept. 30	56.18	Mar. 21, 1967	47.11

(D-17-3)19bcb-1*. Records available 1958-59, 1962, 1965-67

Aug. 12, 1958	+15.10	Sept. 25, 1959	+12.20	Oct. 25, 1965	+17.9
Sept. 2	14.00	Oct. 29	12.10	Dec. 1	16.8
Oct. 7	22.30	Nov. 30	11.30	Jan. 3, 1966	16.1
Nov. 6	21.40	Dec. 30	11.10	Jan. 29	15.6
Nov. 29	11.30	Oct. 16, 1962	14.00	Mar. 16	15.5
Jan. 2, 1959	13.60	Mar. 3, 1965	12.30	Apr. 20	14.8
Jan. 27	12.00	Mar. 24	13.1	May 16	14.8
Mar. 26	13.35	Apr. 28	12.8	June 16	13.5
Apr. 29	12.60	June 3	13.1	July 20	13.7
May 29	12.90	June 23	14.3	Sept. 16	13.3
June 24	11.90	July 28	17.5	Nov. 3	13.1
July 29	11.90	Aug. 30	17.9	Jan. 3, 1967	12.7
Aug. 25	11.20	Sept. 28	17.3	Mar. 21	12.5

(D-17-3)20cdb-1. Records available 1964-66.

May 1, 1964	-54.36	May 14, 1965	-53.69	Sept. 1, 1966	-54.6
June 24	52.65	Oct. 26	37.76	Nov. 3	51.45
Oct. 30	52.33	Mar. 16, 1966	42.15		

(D-17-3)30dbd-1. Records available 1938-56, 1958-62, 1965-67.

Oct. 8, 1938	+11.6	Mar. 26, 1954	+11.5	Sept. 28, 1960	+ 6.80
Dec. 21	11.0	Nov. 30	10.3	Oct. 27	7.00
Apr. 17, 1939	10.0	Mar. 22, 1955	10.7	Nov. 30	7.15
June 17	11.45	Dec. 6	8.7	Dec. 30	7.10
Aug. 23	10.3	Mar. 22, 1956	9.1	Jan. 30, 1961	7.15
Oct. 15	10.0	Mar. 12, 1958	11.8	Feb. 27	7.15
Dec. 5	9.7	Apr. 4	11.4	Mar. 31	7.50
Mar. 26, 1940	9.3	May 7	11.5	Apr. 24	7.20
June 4	10.8	June 4	12.0	May 26	6.80
Dec. 5	11.2	July 3	13.8	July 6	6.60
Mar. 19, 1941	10.6	Aug. 4	13.1	July 26	6.00
Dec. 5	13.5	Sept. 2	11.75	Aug. 24	5.40
Aug. 10, 1942	14.8	Oct. 7	11.50	Sept. 29	5.90
Dec. 20	13.7	Nov. 6	11.25	Oct. 16, 1962	12.5
Mar. 25, 1943	12.3	Nov. 29	9.8	Mar. 1, 1965	9.7
Dec. 17	11.25	Jan. 2, 1959	11.0	Mar. 24	9.6
Mar. 19, 1944	10.1	Jan. 27	8.8	Apr. 28	10.2
Dec. 4	13.2	Mar. 26	10.2	June 3	10.03
Apr. 3, 1945	12.2	Apr. 29	9.50	June 23	12.3
Dec. 6	13.9	May 29	11.50	July 28	14.8
Mar. 21, 1946	13.4	June 24	10.50	Aug. 30	15.0
Dec. 18	12.0	July 29	9.40	Sept. 28	14.6
Mar. 27, 1947	10.7	Aug. 25	9.00	Oct. 25	14.3
Dec. 13	13.3	Sept. 25	8.70	Dec. 1	13.8
Dec. 13, 1948	12.1	Oct. 29	8.70	Jan. 3, 1966	13.4
Apr. 4, 1949	10.8	Nov. 30	7.70	Jan. 29	12.4
Dec. 13	11.8	Dec. 30	8.00	Mar. 16	12.3
Mar. 30, 1950	11.0	Jan. 27, 1960	7.80	Apr. 20	11.5
Dec. 10	9.6	Mar. 25	7.60	May 16	12.0
Mar. 27, 1951	9.3	Apr. 27	7.50	June 16	11.8
Dec. 11	9.9	May 25	7.30	July 20	10.9
Dec. 8, 1952	14.1	June 17	7.70	Sept. 16	9.9
Mar. 17, 1953	13.3	July 27	7.50	Nov. 3	9.8
Dec. 14	11.6	Aug. 29	7.00	Mar. 21, 1967	9.3

(D-18-2)1daa-1. 7/ (Previously listed as (D-18-2)1da). Water-level recorder installed Nov. 5, 1936. Water levels reported for subsequent dates to July 11, 1941, are at noon. Daily records not shown here are published in various water-supply papers of the U.S. Geological Survey, noted in headnotes for this table. Water-level recorder removed July 11, 1941.
Records available 1935-62.

Sept. 5, 1935	-73.03	Mar. 30, 1939	-78.60	Dec. 13, 1948	-73.04
Oct. 10	75.42	Apr. 15	78.25	Apr. 4, 1949	77.59
Nov. 21	77.50	Apr. 30	78.42	Dec. 13	69.72
Dec. 12	78.17	May 15	77.36	Mar. 30, 1950	75.67
Jan. 9, 1936	78.95	May 31	73.53	Dec. 10	75.76
Mar. 3	81.15	June 12	70.15	Mar. 27, 1951	79.25
Apr. 23	81.60	June 29	67.79	Dec. 11	76.14
June 18	61.67	July 15	68.00	Apr. 7, 1952	79.72
Aug. 6	58.90	July 31	69.27	Dec. 8	65.27
Oct. 1	64.66	Aug. 15	70.44	Mar. 17, 1953	73.96
Nov. 5	67.62	Aug. 31	71.98	Dec. 11	71.02
Nov. 15	68.37	Sept. 15	73.25	Mar. 26, 1954	76.55
Nov. 30	69.33	Sept. 30	73.82	Nov. 30	78.33
Dec. 15	69.97	Oct. 16	74.67	Mar. 22, 1955	81.52
Dec. 28	71.08	Oct. 31	75.29	Dec. 6	80.25
Jan. 15, 1937	72.75	Nov. 15	75.92	Mar. 22, 1956	83.22
Jan. 31	73.78	Nov. 30	76.70	Sept. 28	83.06
Feb. 15	74.70	Dec. 15	77.27	Nov. 1	84.69
Feb. 28	75.07	Dec. 31	77.75	Jan. 4, 1957	85.10
Mar. 15	75.48	Jan. 15, 1940	78.32	Feb. 4	85.28
Mar. 31	76.16	Jan. 31	78.99	Feb. 28	85.45
Apr. 15	76.73	Feb. 15	79.53	May 3	84.74
Apr. 30	77.04	Feb. 29	79.95	June 3	80.81
May 15	72.64	Mar. 15	80.25	July 1	75.54
May 31	68.62	Mar. 30	80.50	Aug. 24	63.56
June 15	61.60	Apr. 15	79.94	Oct. 1	63.88
June 30	58.54	Apr. 23	80.36	Nov. 6	65.65
July 15	58.87	Apr. 30	80.10	Dec. 4	67.63
July 23	58.04	May 15	78.35	Dec. 31	70.27
July 31	58.76	July 16	59.88	Feb. 5, 1958	72.79
Aug. 15	60.68	July 31	61.84	Mar. 4	73.84
Aug. 31	62.55	Aug. 15	63.95	Apr. 4	75.35
Sept. 15	64.24	Aug. 31	65.82	May 7	77.33
Sept. 30	65.97	Sept. 16	67.54	June 4	69.65
Oct. 15	67.12	Sept. 30	68.84	July 3	59.34
Oct. 30	68.38	Oct. 15	70.14	Sept. 2	65.54
Nov. 15	69.83	Oct. 31	71.17	Oct. 7	67.59
Nov. 30	70.71	Nov. 10	71.90	Nov. 6	68.64
Dec. 15	71.88	Dec. 5	73.34	Nov. 29	71.46
Dec. 31	72.52	Jan. 17, 1941	75.52	Jan. 2, 1959	72.49
Jan. 15, 1938	73.63	Jan. 26	75.83	Jan. 27	73.85
Jan. 31	74.35	Feb. 15	76.77	Feb. 25	75.37
Feb. 15	74.93	Feb. 28	77.16	Mar. 26	79.39
Feb. 28	76.03	Mar. 20	77.75	Apr. 29	83.48
Mar. 15	76.85	Mar. 31	77.98	Sept. 25	83.92
Mar. 31	77.31	Apr. 15	78.28	Oct. 29	82.86
Apr. 15	77.95	Apr. 30	78.72	Nov. 30	82.58
Apr. 26	78.08	May 6	78.77	Dec. 30	82.72
May 15	76.52	May 15	78.21	Jan. 26, 1960	83.71
May 31	71.83	May 31	70.80	Feb. 26	84.91
June 15	62.53	June 15	60.91	Apr. 27	84.70
June 30	59.65	June 30	52.81	May 25	83.57
July 8	59.45	July 11	52.15	June 17	76.95
July 15	59.96	Sept. 28	60.51	Aug. 29	84.75
July 31	61.42	Dec. 11	66.99	Sept. 28	81.76
Aug. 15	63.12	Mar. 18, 1942	6/ 74.05	Oct. 27	81.49
Aug. 28	64.76	Aug. 10	55.75	Nov. 28	81.21
Sept. 15	66.48	Dec. 20	68.86	Dec. 30	81.81
Sept. 30	67.92	Mar. 25, 1943	75.01	Jan. 30, 1961	83.37
Oct. 15	68.90	Dec. 17	75.36	Feb. 27	84.30
Oct. 30	70.10	Mar. 19, 1944	79.14	Mar. 31	84.88
Nov. 15	71.51	Dec. 5	68.02	Apr. 24	84.99
Nov. 29	72.30	Apr. 3, 1945	74.50	May 26	84.70
Dec. 15	73.21	Dec. 6	66.66	July 6	8/ 92.98
Dec. 31	74.02	Mar. 21, 1946	74.06	July 26	8/ 94.18
Jan. 15, 1939	75.03	Dec. 18	73.66	Aug. 24	8/100.6
Jan. 31	75.90	Mar. 27, 1947	77.32	Sept. 29	81.81
Feb. 15	76.86	Dec. 13	68.00	Apr. 5, 1962	85.88
Feb. 28	77.51	Mar. 17, 1948	78.28		
Mar. 15	78.33	July 22	60.30		

(D-18-2)1daa-2. Records available 1962-67

Sept. 28, 1962	-64.90	Feb. 9, 1965	-78.60	Oct. 25, 1965	-60.46
Apr. 11, 1963	77.26	Mar. 22	80.29	Nov. 30	65.00
Sept. 25	74.73	Apr. 27	81.32	Dec. 30	68.06
Apr. 1, 1964	81.75	May 14	80.42	Jan. 29, 1966	70.84
May 1	81.93	May 27	77.49	Mar. 16	74.41
June 2	76.03	June 22	61.54	Apr. 15	75.75
June 23	66.40	July 28	53.36	Sept. 16	82.40
Sept. 28	71.85	Aug. 30	53.52	Nov. 4	78.65
Oct. 30	73.74	Sept. 28	57.50	Mar. 21, 1967	81.75
Dec. 10	75.18				

Table 3.--Records of water levels in selected observation wells - Continued

(D-18-2)2cdb-1.	Records available 1958-60, 1965-67								
Aug.	8, 1958	+ 7.30	Nov.	30, 1959	- 2.08	June	22, 1965	+ 8.6	
Sept.	2	6.20	Dec.	30	2.48	July	28	8.7	
Oct.	7	4.90	Jan.	26, 1960	2.81	Aug.	30	8.0	
Nov.	6	4.75	Feb.	26	2.92	Sept.	28	7.8	
Nov.	29	4.50	Mar.	25	3.23	Oct.	25	7.1	
Dec.	31	3.62	Apr.	27	2.75	Nov.	30	6.2	
Jan.	27, 1959	2.64	May	25	- 1.63	Dec.	30	5.0	
Feb.	25	2.25	June	17	+ 1.65	Jan.	29, 1966	4.00	
Mar.	26	1.55	July	27	+ .05	Mar.	16	2.6	
Apr.	29	1.50	Aug.	29	- 1.02	Apr.	15	1.6	
May	27	.84	Sept.	28	1.27	May	13	2.3	
June	24	+ .10	Oct.	27	.94	June	14	5.0	
July	29	- 1.36	Nov.	28	1.17	July	19	+ 2.75	
Aug.	25	2.42	Dec.	30	1.72	Sept.	19	- .70	
Sept.	25	2.65	Apr.	27, 1965	- .97	Nov.	2	1.35	
Oct.	29	2.17	May	27	+ 1.45	Mar.	21, 1967	1.6	
(D-18-2)12cdb-1.	Records available 1964-66								
Apr.	30, 1964	-101.76	June	23, 1965	-64.44	Mar.	16, 1966	-94.56	
June	23	67.33	July	28	55.99	May	6	95.23	
Oct.	30	87.54	Oct.	26	76.52	Nov.	2	98.38	
May	14, 1965	102.99							
(D-18-2)22add-1.	Records available 1958, 1965-67								
Aug.	7, 1958	+ 8.65	Aug.	27, 1965	+ 9.40	Apr.	15, 1966	+ 8.35	
Feb.	25, 1965	8.5	Sept.	28	9.0	May	16	8.40	
Mar.	22	8.3	Oct.	25	9.0	June	14	8.40	
Apr.	27	8.35	Nov.	30	9.0	July	18	8.25	
May	27	8.5	Dec.	30	8.85	Sept.	19	7.80	
June	22	9.15	Jan.	29, 1966	8.55	Nov.	2	7.80	
July	27	9.45	Mar.	15	8.4	Mar.	21, 1967	8.0	
(D-18-2)33abc-1*.	Records available 1965-67								
Feb.	23, 1965	-21.86	Sept.	28, 1965	-10.05	May	16, 1966	-15.90	
Mar.	22	24.15	Oct.	25	12.92	June	14	15.10	
Apr.	27	22.24	Nov.	30	15.60	July	18	12.48	
May	27	19.40	Dec.	30	16.78	Sept.	19	15.82	
June	22	7.42	Jan.	29, 1966	18.26	Nov.	2	18.24	
July	27	4.58	Mar.	15	21.03	Mar.	21, 1967	22.49	
Aug.	27	7.62	Apr.	15	19.77				
(D-18-2)34bbb-1*.	Records available 1958-60, 1962, 1965-67								
July	29, 1958	-22.52	Dec.	30, 1959	-33.95	May	27, 1965	-30.98	
Sept.	3	23.10	Jan.	26, 1960	34.89	June	22	22.66	
Oct.	3	23.73	Feb.	29	35.92	July	27	20.88	
Nov.	6	24.80	Mar.	25	36.10	Aug.	27	20.96	
Nov.	29	25.92	Apr.	27	37.10	Sept.	28	21.76	
Dec.	31	27.12	May	25	35.53	Oct.	25	23.17	
Jan.	27, 1959	28.40	June	17	30.42	Nov.	30	24.47	
Feb.	25	29.15	July	26	28.27	Dec.	30	25.59	
Mar.	26	30.17	Aug.	31	29.39	Jan.	29, 1966	26.88	
Apr.	29	31.20	Sept.	28	30.56	Mar.	15	27.93	
May	27	30.51	Oct.	27	30.97	Apr.	15	28.56	
June	24	29.19	Nov.	28	31.63	May	16	27.05	
July	29	28.76	Dec.	30	32.56	June	14	24.30	
Aug.	25	29.27	Oct.	16, 1962	23.79	July	18	23.98	
Sept.	25	30.73	Feb.	24, 1965	30.82	Sept.	19	25.9	
Oct.	29	31.94	Mar.	22	31.77	Nov.	2	27.6	
Nov.	27	32.80	Apr.	27	32.16	Mar.	21, 1967	31.61	
(D-19-2)16bcb-1.	Records available 1935, 1937-56, 1958-59								
Nov.	22, 1935	- 6.98	Aug.	23, 1939	- 6.08	Mar.	19, 1944	- 6.90	
Sept.	25, 1937	3.65	Oct.	15	6.42	Dec.	4	2.82	
Nov.	2	3.78	Dec.	5	6.78	Mar.	3, 1945	- 5.18	
Dec.	9	4.33	Feb.	7, 1940	6.57	Dec.	6	+ .23	
Feb.	24, 1938	5.41	Mar.	26	6.98	Mar.	21, 1946	- 4.22	
Apr.	10	5.84	June	4	.90	Dec.	18	3.80	
June	3	4.04	Aug.	1	+	Dec.	13, 1947	1.02	
Aug.	25	2.40	Dec.	5	4.07	July	22, 1948	.42	
Oct.	8	3.71	Mar.	19, 1941	5.78	Dec.	13	6/ 4.25	
Dec.	21	4.72	Dec.	5	.76	Apr.	4, 1949	6.51	
Mar.	2, 1939	6.49	Mar.	17, 1942	3.17	Dec.	13	3.81	
Apr.	17	6.87	Mar.	25, 1943	5.63	Mar.	30, 1950	6.32	
June	16	5.07	Dec.	17	5.82	Dec.	10	6.29	
(D-19-2)16bch-1 - Continued									
Mar.	27, 1951	- 7.79	Dec.	6, 1955	- 7.96	July	2, 1958	+ 0.20	
Apr.	7, 1952	6.88	Mar.	22, 1956	8.88	Aug.	5	.00	
Dec.	8	1.63	Dec.	5	7.75	Nov.	4	- 3.03	
Mar.	17, 1953	4.79	Mar.	12, 1958	5.38	Nov.	28	3.06	
Dec.	10	5.16	Apr.	3	5.10	Dec.	31	4.25	
Mar.	26, 1954	6.20	May	7	5.60	Jan.	29, 1959	4.90	
Nov.	30	8.72	June	6	- 1.89	Feb.	26	5.50	
Mar.	22, 1955	8.41							
(D-19-2)17aad-1.	Records available 1935-37, 1961-67								
Aug.	6, 1935	+ 6.0	June	26, 1961	+ 5.05	Apr.	27, 1965	+ 3.69	
Sept.	5	5.5	July	26	4.75	May	27	6.57	
Oct.	10	4.73	Aug.	22	4.52	June	22	7.45	
Nov.	22	4.21	Sept.	28	3.78	July	27	11.95	
Jan.	25, 1936	3.53	Apr.	5, 1962	3.73	Aug.	27	11.15	
Mar.	4	3.27	Sept.	28	10.05	Sept.	28	11.05	
Apr.	23	3.23	Apr.	11, 1963	5.85	Oct.	25	9.65	
June	18	10.7	Sept.	25	6.25	Nov.	30	8.85	
Aug.	6	11.8	Apr.	1, 1964	4.25	Dec.	30	8.05	
Sept.	30	9.6	Apr.	30	2.59	Jan.	29, 1966	7.25	
Nov.	28	8.8	July	8	7.41	Mar.	15	5.45	
Feb.	5, 1937	6.5	July	31	7.28	Apr.	15	5.65	
Apr.	10	5.55	Sept.	1	7.81	May	16	6.10	
June	9	7.9	Sept.	28	6.96	June	14	7.45	
Sept.	25	7.3	Nov.	3	6.15	July	18	6.85	
Nov.	2	7.3	Dec.	11	6.35	Sept.	20	5.55	
Dec.	9	6.9	Feb.	9, 1965	4.47	Nov.	2	4.85	
Apr.	24, 1961	2.31	Mar.	22	3.96	Mar.	21, 1967	3.35	
May	23	3.36							
(D-19-2)32aac-1.	Records available 1935-49, 1964-67								
Aug.	6, 1935	-31.67	Dec.	21, 1938	-31.52	Dec.	13, 1947	-30.09	
Sept.	5	33.47	Mar.	2, 1939	35.16	Mar.	17, 1948	35.71	
Oct.	10	35.93	Apr.	17	37.01	July	22	18.63	
Nov.	22	38.70	June	16	23.55	Dec.	13	31.37	
Jan.	25, 1936	41.48	Aug.	23	28.78	Apr.	4, 1949	36.80	
Mar.	2	43.35	Oct.	15	31.32	Sept.	28, 1964	38.15	
Apr.	23	44.71	Dec.	5	34.78	Dec.	10	42.15	
June	18	18.83	Feb.	7, 1940	36.83	Feb.	9, 1965	44.23	
Aug.	6	20.74	Mar.	26	37.31	Mar.	22	45.72	
Sept.	3	27.68	June	4	13.98	Apr.	27	46.07	
Nov.	28	31.75	Aug.	1	22.24	May	14	44.08	
Feb.	5, 1937	35.58	Dec.	5	31.21	May	27	39.29	
Apr.	10	38.50	Mar.	19, 1941	36.00	June	22	24.60	
June	9	21.77	Sept.	28	24.40	Aug.	27	23.64	
June	18	19.50	Dec.	7	29.04	Sept.	28	26.85	
Aug.	2	24.10	Aug.	8, 1942	19.80	Oct.	25	29.23	
Sept.	25	29.90	Mar.	25, 1943	36.14	Nov.	30	32.66	
Nov.	2	32.43	Dec.	17	37.30	Dec.	28	34.83	
Dec.	9	34.74	Dec.	4, 1944	29.04	Jan.	29, 1966	37.02	
Feb.	24, 1938	38.19	Mar.	3, 1945	34.07	Mar.	15	39.89	
Apr.	10	40.20	Dec.	6	27.89	Apr.	15	40.98	
June	3	21.75	Mar.	21, 1946	35.85	June	14	34.65	
June	4	21.09	Dec.	18	33.28	Nov.	2	42.32	
Aug.	25	23.37	Mar.	27, 1947	37.95	Mar.	21, 1967	46.23	
Oct.	8	28.16							
(D-20-2)18adb-1*.	Records available 1958-60, 1965-67								
July	2, 1958	-26.26	Nov.	27, 1959	-38.52	May	27, 1965	-48.72	
Aug.	5	25.60	Dec.	31	39.51	June	22	39.33	
Sept.	3	25.68	Jan.	26, 1960	40.20	July	27	34.94	
Oct.	3	26.70	Feb.	29	41.02	Aug.	27	33.24	
Nov.	4	27.88	Mar.	28	41.53	Sept.	28	32.33	
Nov.	28	29.05	Apr.	29	42.20	Oct.	25	34.33	
Dec.	31	30.30	May	27	41.88	Nov.	30	34.00	
Jan.	29, 1959	31.25	June	21	41.00	Dec.	28	34.12	
Feb.	26	31.70	July	26	41.04	Jan.	29, 1966	34.99	
Mar.	27	32.57	Aug.	31	41.47	Mar.	15	36.12	
Apr.	28	33.43	Sept.	28	42.09	Apr.	15	37.10	
May	27	34.07	Oct.	26	42.50	May	16	36.80	
June	26	35.14	Nov.	28	43.26	June	14	37.87	
July	30	35.67	Dec.	21	44.85	July	18	36.14	
Aug.	27	36.20	Feb.	9, 1965	44.54	Sept.	20	37.30	
Sept.	30	37.26	Mar.	22	45.72	Nov.	2	38.22	
Oct.	28	37.88	Apr.	27	46.70	Mar.	21, 1967	41.61	

1/ Estimated.
2/ Measurements between 1958 and 1960 are reported previously in error in U.S. Geological Survey water-supply papers; 0.3 feet should be added to these measurements.
3/ High-water mark.
4/ Plugged and dry at -8.0 feet.
5/ Leaking around casing during measurement.
6/ Corrected measurement or date reported in error in U.S. Geological Survey water-supply papers.
7/ Measurements between April 4, 1958, and April 5, 1962, are reported previously in error in U.S. Geological Survey water-supply papers; 0.63 feet should be subtracted from measurements in water-supply papers. Measurements given here are correct.
8/ Well being pumped nearby.

Table 4.--Selected drillers' logs of wells and logs of wells interpreted from geophysical logs and drillers' logs

Well number: Asterisk (*) indicates that the well number has been revised. See footnote 1 in table 1 for revised number.
Altitudes are in feet above sea level for land surface at well; determined by interpolation from topographic maps and by hand level.
Thickness in feet.
Depth in feet below land surface.
Stratigraphy and geologic names added by G. B. Robinson, Jr.

Material	Thickness	Depth
(D-13-4)12baa-1. Log by B. B. Gardner. Alt. 6,317 ft.		
Recent and Pleistocene deposits:		
Topsoil	3	3
Clay, blue	11	14
Boulders	16	30
Hardpan	5	35
Boulders	8	43
Gravel and clay	17	60
Sand, rock	8	68
Shale, sandy, white	17	85
Gravel and clay	23	108
Sand, rock	38	146
Green River(?) Formation:		
Shale, blue	24	170
Sandstone	8	178
Shale, blue	5	183
(D-14-2)12aad-1. Log by C. W. Anderson. Alt. 5,868 ft.		
Recent and Pleistocene deposits:		
Topsoil	2	2
Hardpan	8	10
Boulders	5	15
Clay, sandy	10	25
Gravel; water	6	31
Clay and gravel	22	53
Rock	13	66
Clay and sand (no water)	7	73
Clay and gravel (no water)	39	112
Rock; water	10	122
Clay	17	139
(D-14-3)6bcd-1. Log by C. W. Anderson. Alt. 5,901 ft.		
Recent and Pleistocene deposits:		
Some water formation	150	150
Clay	25	175
Sand and gravel	18	193
Moroni(?) Formation of Schoff(1938):		
Conglomerate	60	253
(D-14-3)7abb-1. Log by B. H. Gardner. Alt. 5,830 ft.		
Recent and Pleistocene deposits:		
Topsoil	5	5
Boulders	15	20
Sand and clay; little water	7	27
Clay	8	35
Sand and gravel; little water	3	38
Sand, gravel, and clay	12	50
Conglomerate, hard	8	58
Sand and gravel; water	13	71
Clay	27	98
Sand and gravel; water	22	120
Clay	17	137
Gravel; water	5	142
Clay	30	172
Sand and gravel; water	4	176
Clay	32	208
Gravel and streaks of clay; water	35	243
Hardpan	5	248
Clay, sandy	19	267
Clay	28	295
Gravel; water	5	300
(D-14-3)18aab-1. Log by J. S. Lee and Sons. Alt. 5,711 ft.		
Recent and Pleistocene deposits:		
Topsoil	15	15
Gravel	5	20
Conglomerate; surface water	35	55
Clay and sand	8	63
Conglomerate	18	81
Clay, tan	7	88
Conglomerate; some water	11	99
Clay, tan	13	112
Sand; water	9	121
Clay, tan	44	165
Clay and sand, brown	32	197
Clay and gravel	23	220
Sand, fine, and gravel	8	228
Clay, tan	10	238
Clay and sand	12	250
Sand, cemented	31	281
Gravel, 1 in. diameter	33	314
Sandstone	10	324
(D-14-3)18aab-1 - Continued		
Clay, tan	6	330
Clay and gravel	5	335
Conglomerate	10	345
Clay, brown, sticky	65	410
Clay and sand, red	30	440
Clay and gravel	10	450
Moroni(?) Formation of Schoff(1938):		
Clay, sandy, red, and layers of sandstone	65	515
Sandstone and layers of clay and fine sand	7	522
(D-14-3)20cbb-1. Log by C. M. Erb Drilling Co. Alt. 5,621 ft.		
Recent and Pleistocene deposits:		
Soil	20	20
Gravel; dry	10	30
Gravel; wet	30	60
Clay	12	72
Clay and gravel	6	78
Clay	8	86
Gravel	4	90
Clay	4	94
Gravel	6	100
Clay	18	118
Gravel	7	125
Clay and gravel	7	132
Gravel and sand	13	145
Clay	6	151
(D-14-4)1abc-1. Log by J. S. Lee and Sons. Alt. 6,125 ft.		
Recent and Pleistocene deposits:		
Topsoil	3	3
Boulders and sand; water	57	60
Boulders	30	90
Clay	10	100
Boulders and gravel	74	174
Green River(?) Formation:		
Shale	131	305
Sandrock	10	315
Clay, blue	5	320
Shale, blue	38	358
Sandrock	25	383
(D-14-4)1acb-1. Log by J. S. Lee and Sons. Alt. 6,122 ft.		
Recent and Pleistocene deposits:		
Boulders, large, and sandstone	37	37
Conglomerate	33	70
Clay, red, and gravel	13	83
Conglomerate; water	15	98
Green River Formation:		
Shale, blue	212	310
Shale, gray	270	580
Sandrock; water	17	597
Silt, brown	23	620
Shale, blue	5	625
(D-14-4)12cdd-1. Log by J. S. Lee and Sons. Alt. 5,969 ft.		
Recent and Pleistocene deposits:		
Topsoil	2	2
Boulders	50	52
Clay, sandy	18	70
Conglomerate	12	82
Gravel; water	23	105
Conglomerate	5	110
Sand, fine	8	118
Conglomerate	17	135
Clay, sticky	23	158
Conglomerate	12	170
Clay, sticky	12	182
Conglomerate	11	193
Clay	3	196
Conglomerate	24	220
Gravel	5	225
Conglomerate	23	248
Clay	7	255
Green River(?) Formation:		
Shale	10	265
(D-14-4)13ddc-1. Log by C. W. Anderson. Alt. 6,105 ft.		
Recent and Pleistocene deposits:		
Boulders	39	39
(D-14-4)13ddc-1 - Continued		
Clay, sandy	12	51
Boulders and gravel	153	204
Mud and gravel; water	1	205
Hardpan	4	209
Clay, soft	1	210
Conglomerate	5	215
Clay, hard, sticky	2	217
Lime rocks; water	2	219
Soapstone	11	230
(D-14-4)22cdd-1. Alt. 5,770 ft.		
Recent and Pleistocene deposits:		
Silt	3	3
Clay	4	7
Sand	4	11
Sand and gravel	5	16
Sand	1.5	17.5
Sand and gravel	2.5	20
Crazy Hollow Formation of Spieker(1949):		
Sandstone and shale	344	364
(D-14-5)16bdd-1. Log by Colorado Interstate Gas Co. Alt. 7,364 ft.		
North Horn Formation	1,140	1,140
Price River Formation	695	1,835
Castlegate Sandstone	305	2,140
Blackhawk Formation	1,740	3,880
Star Point Sandstone	230	4,110
Masuk Member of Mancos Shale-Emery Sandstone Member of Mancos Shale	1,708	5,818
Blue Gate Shale Member of Mancos Shale	1,978	7,796
Ferron Sandstone Member of Mancos Shale	636	8,432
Tununk Shale Member of Mancos Shale	400	8,832
Dakota Sandstone	124	8,956
Morrison Formation	152	9,108
(D-15-3)5ada-2. Log by Woodhouse Drilling Co. Alt. 5,550 ft.		
Recent and Pleistocene deposits:		
Clay, tough	50	50
Sand and gravel; water	15	65
Clay and gravel	22	87
Gravel; water	8	95
Gravel, tight	10	105
Gravel; water	13	118
Conglomerate	25	143
(D-15-3)9ddc-1. Log by J. S. Lee and Sons 0-340 ft, B. B. Gardner 340-607 ft; Alt. 5,519 ft.		
Recent and Pleistocene deposits:		
Topsoil	4	4
Clay and gravel	9	13
Gravel and boulders	34	47
Hardpan	43	90
Moroni(?) Formation of Schoff(1938):		
Lava	27	117
Shale	50	167
Sandstone streak and lava	151	318
Conglomerate	22	340
Clay, sandy	64	404
Hardpan	31	435
Green River(?) Formation:		
Clay, sticky, blue	102	537
Hardpan	8	545
Clay, sticky, blue	22	567
Shale, blue	8	575
Shale, gray	32	607
(D-15-3)15bbc-3. Log by C. W. Anderson. Alt. 5,520 ft.		
Recent and Pleistocene deposits:		
Topsoil	9	9
Sand and clay	20	29
Gravel	4	33
Clay, blue	28	61
Clay, white	15	76
Clay, blue	75	151
Clay, red	8	159
Clay, blue	62	221
Sand; water	1	222
Clay, blue	33	255

Table 4.--Selected drillers' logs of wells and logs of wells interpreted from geophysical logs and drillers' logs - Continued

Material	Thickness	Depth
(D-15-3)15bbc-3 - Continued		
Green River(?) Formation:		
Sandstone	1	256
Clay, blue	6	262
Sand; water	1	263
Sandstone overlying unlogged material	46	309
(D-15-3)15cac-1. Log by C. M. Erb Drilling Co. Alt. 5,525 ft.		
Recent and Pleistocene deposits:		
Soil	11	11
Gravel; water	20	31
Clay, yellow	16	47
Moroni(?) Formation of Schoff(1938):		
Sandrock, ash, and clay	3	50
Serpentine	51	101
Volcanic, green	1	102
Serpentine	49	151
(D-15-3)16abc-1. Log by J. S. Lee and Sons. Alt. 5,519 ft.		
Recent and Pleistocene deposits:		
Clay	5	5
Sand, coarse	1	6
Clay	12	18
Gravel; water	9	27
Sand, clay	13	40
Gravel; water	2	42
Clay, sandy	28	70
Sand; water	17	87
Clay	7	94
Sand	11	105
Clay, sandy	7	112
Gravel; water	1	113
Clay, sandy	9	122
Conglomerate	7	129
Sand	3	132
Clay	6	138
Gravel	1	139
Sand	6	145
Conglomerate	5	150
Gravel; water	6	156
Conglomerate	4	160
Sand	3	163
Conglomerate	9	172
Gravel; water	1	173
Conglomerate	19	192
Gravel; water	2	194
Clay, sandy	15	209
Conglomerate	15	224
Gravel; water	6	230
Moroni(?) Formation of Schoff(1938):		
Sandstone	15	245
(D-15-3)16adb-2. Log by Tennessee Gas Transmission. Alt. 5,521 ft.		
Recent and Pleistocene deposits:		
Alluvium	460	460
Green River Formation	1,780	2,240
Colton Formation	278	2,518
Flagstaff Limestone	207	2,725
North Horn Formation	1,199	3,924
Price River Formation	622	4,546
Blackhawk Formation	753	5,299
Star Point Sandstone	969	6,268
Emery Sandstone Member of Mancos Shale	1,934	8,202
Ferron Sandstone Member of Mancos Shale	948	9,150
Mancos Shale	591	9,741
Dakota Sandstone	116	9,857
Morrison Formation	138	9,995
(D-15-3)16dca-1. Log by C. & R. Drilling Co. Alt. 5,509 ft.		
Recent and Pleistocene deposits:		
Clay and silt	19	19
Gravel	10	29
Clay	15	44
Gravel	14	58
Conglomerate, hard lime, chert	15	73
Gravel	3	76
Clay	2	78
Conglomerate	3	81
Crazy Hollow(?) Formation of Spieker(1949) and Green River(?) Formation undifferentiated:		
Lime, soft	8	89
Lime, hard stringers	31	120
Lime, soft	5	125
Conglomerate, hard lime	10	135
Conglomerate, hard	15	150
(D-15-3)16dca-1 - Continued		
Clay, lime stringers	10	160
Clay, lime	11	171
Lime, chert, hard	4	175
Lime, semi-hard	24	199
Clay, softer lime	17	216
Conglomerate	4	220
Clay, lime	20	240
Clay	20	260
Clay, lime stringers	92	352
Conglomerate, hard	2	354
Conglomerate, volcanic	6	360
Conglomerate, cemented and lime	30	390
Conglomerate, soft	26	416
Conglomerate, hard	9	425
Conglomerate, medium hard	20	445
Conglomerate, and lime	100	545
Conglomerate, hard, and lime	22	567
Conglomerate, semi-hard	51	618
Sand and gravel, volcanic	30	648
(D-15-3)22bcb-3. Log by Woodhouse Drilling Co. Alt. 5,506 ft.		
Recent and Pleistocene deposits:		
Clay, silt; surface water at 8 ft.	8	8
Hardpan	2	10
Clay, gravel	35	45
Gravel; water	5	50
Clay and sand	20	70
Sand and gravel; water	5	75
Clay, silt	125	200
Shale; water	10	210
Clay	30	240
Clay and gravel	10	250
Clay, hard	17	267
(D-15-3)25aab-1. Log interpreted from gamma-ray log. Alt. 5,619 ft.		
Recent and Pleistocene deposits:		
Clay	12	12
Gravel	24	36
Green River Formation:		
Sandstone and shale, interbedded	10	46
Shale	4	50
Sandstone and shale, interbedded	29	79
Shale and sandstone, interbedded	19	98
Sandstone	16	114
Shale	9	123
Sandstone	5	128
Shale and sandstone, interbedded	22	150
Sandstone and shale, interbedded	20	170
Shale	7	177
Sandstone	5	182
Shale	8	190
Sandstone	8	198
No record	42	240
(D-15-3)26bca-1. Log interpreted from gamma-ray and electrical logs. Alt. 5,527 ft.		
Recent and Pleistocene deposits:		
Topsoil	1	1
Clay	16	17
Sand	12	29
Clay, probably sandy	5	34
Sand	9	43
Clay	7	50
Gravel	7	57
Green River Formation:		
Shale, with sandstone and limestone interbeds	47	104
Sandstone (or limestone)	8	112
Shale	6	118
Sandstone (or limestone)	8	126
Shale	8	134
No record	37	171
(D-15-3)27aad-1*. Log by Vernon Demick (original well), J. S. Lee and Sons (deepened well). Alt. 5,520 ft.		
Recent and Pleistocene deposits:		
Topsoil	5	5
Clay	5	10
Sand and gravel	3	13
Clay	5	18
Sand	2	20
Gravel	14	34
Sandstone	6	40
Clay, hard, blue	6	46
Sandrock	4	50
Shale	35	85
(D-15-3)27aad-1 - Continued		
Gravel	10	95
Clay	10	105
Green River(?) Formation:		
Shale	30	135
Gravel and sand	10	145
Shale, hard	5	150
Rock	20	170
Shale	25	195
Sand	3	198
Shale	112	310
(D-15-3)28daa-1. Log interpreted from gamma-ray log. Alt. 5,486 ft.		
Recent and Pleistocene deposits:		
Soil	12	12
Sand	15	27
Clay, yellow	17	44
Gravel	3	47
Clay, blue	11	58
Clay, yellow	8	66
Gravel	24	90
Clay, sandy	42	132
No record	19	151
(D-15-3)30dbb-1. Log interpreted from gamma-ray log 0-173 ft, log by C. W. Anderson 243-360 ft. Alt. 5,592 ft.		
Recent and Pleistocene deposits:		
Soil, red	3	3
Clay, sandy	27	30
Sand	6	36
Sand and gravel, probably clayey	12	48
Clay	3	51
Sand and gravel, clayey, with clay interbedded	13	64
Clay, gravelly and sandy	7	71
Sand and gravel, clayey and clay, interbedded with some boulders	172	243
Sandstone (probably sand)	6	249
Shale, gray, and gravel; water (probably clay and gravel)	4	253
Arapien(?) Shale:		
Sandstone	22	275
Shale, blue	9	284
Shale, gray	9	293
Shale, red	18	311
Shale, brown	32	343
Shale, red	17	360
(D-15-4)2adb-1. Log by J. S. Lee and Sons. Alt. 6,109 ft.		
Recent and Pleistocene deposits:		
Topsoil	3	3
Boulders	167	170
Gravel and sand; water	10	180
Boulders	10	190
Gravel and sand; water	10	200
Gravel	5	205
Boulders	25	230
Clay, brown	5	235
Gravel, pea; water	20	255
Sand	5	260
Gravel; water	5	265
Sand, fine	5	270
Gravel; water	15	285
Clay, brown	5	290
Gravel; water	7	297
(D-15-4)3bdb-2. Log by J. S. Lee and Sons. Alt. 5,847 ft.		
Recent and Pleistocene deposits:		
Clay	12	12
Boulders; water	19	31
Clay	7	38
Gravel; water	13	51
Clay, sandy	10	61
Gravel; water	31	92
Boulders, sand, and clay	12	104
Clay	2	106
Gravel; water	78	184
Clay	20	204
Gravel	-	-
(D-15-4)4bad-2. Log by J. S. Lee and Sons. Alt. 5,752 ft.		
Recent and Pleistocene deposits:		
Topsoil	9	9
Rocks and clay	56	65
Gravel; water	20	85
Conglomerate	15	100

Table 4.--Selected drillers' logs of wells and logs of wells interpreted from geophysical logs and drillers' logs - Continued

Material	Thickness	Depth
(D-15-4)4bad-2 - Continued		
Gravel; water	5	105
Rocks, clay, and sand	60	165
Gravel; water	5	170
Clay, sandy	10	180
Clay	118	298
Crazy Hollow(?) Formation of Spieker(1949):		
Sandstone	27	325
Shale	35	360
(D-15-4)8dcd-1. Log by Vernon Dimick. Alt. 5,718 ft.		
Recent and Pleistocene deposits:		
Topsoil	10	10
Clay	15	25
Clay, sandy; water	10	35
Clay	7	42
Boulders; water	4	46
Clay	14	60
Gravel and sand; water	10	70
Boulders, hard	15	85
Sand and gravel; water	10	95
Clay, sandy	10	105
Clay	85	190
Clay, gravelly	5	195
Sand and gravel; water	3	198
Clay	2	200
(D-15-4)9ccd-1. Log by Utility Engineers 215-335 ft. Alt. 5,748 ft.		
Recent and Pleistocene deposits:		
No record	215	215
Sand and gravel	9	224
Clay, red, fine, soft	4	228
Sand and gravel	7	235
Sand, gravel and cobbles	6	241
Clay, blue	4	245
Sand, gravel, and cobbles	7	252
Clay, gray, consolidated	1.5	253.5
Sand, gravel, and cobbles	2.5	256
Limestone, buff	3	259
Clay, gray	4	263
Sand, coarse, occasional cobbles	26	289
Sandstone, poorly cemented	11.5	300.5
Sand	6.5	307
Green River(?) Formation:		
Limestone, dark-blue	7	314
Shale, blue, tight	11	325
Clay, white	6	331
Limestone, blue	4	335
(D-15-4)20cdc-1*. Log by Coxe and Clarkson. Alt. 5,756 ft.		
Recent and Pleistocene deposits:		
Clay and boulders	25	25
Gravel and a little sand; water	13	38
Gravel, hard	10	48
Boulders and gravel	19	67
Gravel, hard, cemented	28	95
Clay, yellow	13	108
Boulders and gravel	7	115
Green River Formation:		
Clay, white	20	135
Clay, blue	23	158
Shale, hard, brown	8	166
Shale, hard, blue	34	200
Shale, hard, white	10	210
(D-15-4)21dbd-1*. Log by J. S. Lee and Sons 0-760 ft., B. and B. Drilling Co. 760-1,200 ft. Alt. 5,905 ft.		
Recent and Pleistocene deposits:		
Topsoil	3	3
Boulders	48	51
Clay, brown	34	85
Gravel; water	18	103
Boulders and conglomerate	12	115
Gravel; water	19	134
Clay	3	137
Gravel and rocks	37	174
Green River Formation:		
Clay, blue	11	185
Shale, gray	115	300
Shale, blue	10	310
Shale, blue and gray	450	760
Shale, hard	440	1,200
(D-15-4)29cad-2. Log by C. W. Anderson. Alt. 5,798 ft.		
Recent and Pleistocene deposits:		
Boulders	11	11
(D-15-4)29cad-2 - Continued		
Clay	34	45
Clay, boulders	16	61
Clay	37	98
Gravel, sandy	4	102
Clay	33	135
Gravel and sand	12	147
Clay	53	200
(D-15-4)30bbb-1. Alt. 5,638 ft.		
Recent and Pleistocene deposits:		
Clay	16	16
Gravel; water	24	40
Green River Formation:		
Clay, blue	40	80
Sandstone, soft	10	90
Clay, blue	30	120
Sandstone; water	10	130
Clay, blue	50	180
Sandstone; water	50	230
(D-15-4)32bab-1. Log by Coxe and Clarkson. Alt. 5,813 ft.		
Recent and Pleistocene deposits:		
Soil, loamy, and clay	10	10
Sandrock, yellow	35	45
Gravel; some water	30	75
Hard rock	5	80
Gravel; water	15	95
Gravel; flow of water	25	120
Green River Formation:		
Shale, white	20	140
Shale, blue	35	175
Shale, brown, sandy	15	190
Sand; water	10	200
Shale, blue	20	220
Shale, white	10	230
Sand, water	10	240
Shale, brown	3	243
Shale, yellow	22	265
Clay, red	15	280
Shale, blue	10	290
Shale, red	5	295
Shale, hard, brown	30	325
Shale, gray, sandy	28	353
Clay, red, sticky	27	380
Shale, gray, sandy; some water	15	395
Sand, hard, gray	40	435
Shale and sandstone	45	480
Sand, red	15	495
Shale; sandy	25	520
(D-16-2)13dda-1. Log by C. M. Erb Drilling Co. Alt. 5,463 ft.		
Recent and Pleistocene deposits:		
Old well	70	70
Clay and sand, soft	65	135
Clay and gravel; dry	80	215
Gravel, loose; water	3	218
Clay and gravel	19	237
Gravel, loose, and clay; water	73	310
Boulders	3	313
Clay and gravel	2	315
Conglomerate	5	320
Clay and gravel	4	324
(D-16-2)24dbb-1. Log by C. W. Anderson 282-385 ft. Alt. 5,464 ft.		
Recent and Pleistocene deposits:		
Clay	20	20
Sand and gravel; water	20	40
Sand and clay	15	55
Clay, sandy	35	90
Gravel, sandy	10	100
Clay	15	115
Gravel; water	10	125
Sand (quick)	10	135
Clay	5	140
Sand (quick)	15	155
Clay, sandy	5	160
Sand (quick)	5	165
Gravel	25	190
Sand and gravel	10	200
Gravel	20	220
Clay	15	235
Gravel	35	270
Sand	5	275
Gravel	5	280
Clay	20	300
Shale, blue	85	385
(D-16-2)36cbd-1. Log by Robinson Drilling Co. Alt. 5,471 ft.		
Recent and Pleistocene deposits:		
Soil and clay	15	15
Clay	4	19
Boulders, big	11	30
Gravel and clay	5	35
Gravel, coarse; water	3	38
Clay and coarse gravel	13	51
Clay, brown	68	119
Gravel; water	23	142
Clay and gravel	10	152
Clay, brown	15	167
Gravel and clay	23	190
Clay and some gravel	15	205
Clay	9	214
Gravel and some clay	25	239
Gravel conglomerate	11	250
Clay and gravel	22	272
Gravel and some clay; water	12	284
Clay and some gravel	17	301
(D-16-3)5abd-1. Log by Coxe and Clarkson. Alt. 5,470 ft.		
Recent and Pleistocene deposits:		
Clay	12	12
Gravel and clay	18	30
Sand, loose	40	70
Clay	25	95
Clay and gravel	35	130
Gravel and sand	20	150
Gravel and clay	10	160
Sand	25	185
Clay and gravel	30	215
Clay	5	220
Gravel	5	225
Clay	10	235
Gravel and clay	15	250
Clay	15	265
Clay and gravel	10	275
Clay	19	294
(D-16-3)9bcc-1. Log interpreted from gamma-ray log. Alt. 5,454 ft.		
Recent and Pleistocene deposits:		
Topsoil and clay	16	16
Sand and gravel	34	50
Sand, gravel, and clay	10	60
Clay and sand and gravel interbeds	54	114
Sand, gravel, and clay	46	160
Sand and gravel	49	209
Clay	11	220
Sand and gravel	15	235
Clay	15	250
Sand and gravel	20	270
Sand, gravel, and clay	28	298
Sand and gravel	7	305
Clay	13	318
Interbedded sand, gravel, and clay	29	347
(D-16-3)14ddc-1*. Log by Coxe and Clarkson. Alt. 5,641 ft.		
Recent and Pleistocene deposits:		
Soil	34	34
Sand and gravel	86	120
Green River(?) Formation:		
Serpentine; dry	155	275
(D-16-3)15cda-1*. Log by J. S. Lee and Sons. Alt. 5,483 ft.		
Recent and Pleistocene deposits:		
Clay	30	30
Gravel	5	35
Clay	15	50
Gravel	5	55
Clay	32	87
Crazy Hollow Formation of Spieker(1949):		
Sand, rock	38	125
Shale, blue	35	160
Sandstone, brown	15	175
Shale, brown	20	195
Shale, blue	5	200
(D-16-3)21bbb-2*. Log by R. A. Olsen. Alt. 5,442 ft.		
Recent and Pleistocene deposits:		
Clay	16	16
Sand	19	35
Clay	27	62
Sand	13	75
Clay	31	106
Sand	15	121

Table 4.--Selected drillers' logs of wells and logs of wells interpreted from geophysical logs and drillers' logs - Continued

Material	Thickness	Depth
(D-16-3)21bbb-2 - Continued		
Clay	31	152
(D-16-3)27ccb-1*. Log by Robinson Drilling Co. Alt. 5,520 ft.		
Recent and Pleistocene deposits:		
Clay, yellow	8	8
Clay, gravel	29	37
Clay, yellow	15	52
Clay, blue	18	70
Gravel; making water 25 gpm	3	73
Clay, blue, gravel	32	105
Clay, yellow, gravel	7	112
Clay	11	123
Clay, sand	13	136
Crazy Hollow Formation of Spieker(1949):		
Sandstone, yellow	29	165
Green River(?) Formation:		
Shale, blue	24	189
Limestone, gray	76	265
Limestone, white	15	280
Limestone, light-gray	20	300
(D-16-3)28aad-1. Log by C. W. Anderson. Alt. 5,491 ft.		
Recent and Pleistocene deposits:		
Topsoil	18	18
Mud	9	27
Clay	4	31
Mud	16	47
Clay	6	53
Mud	19	72
Clay	12	84
Mud	7	91
Crazy Hollow(?) Formation of Spieker(1949):		
Shale	27	118
Shale, caving; small water content	35	153
Shale, hard; water seeps	104	257
No record	10	267
(D-17-2)1ddc-2. Log interpreted from gamma-ray log. Alt. 5,428 ft.		
Recent and Pleistocene deposits:		
Sand and gravel	6	6
Clay, gravelly	8	14
Sand and gravel, probably clayey	22	36
Sand and gravel	30	66
Clay	7	73
Sand and gravel, probably clayey	7	80
Clay	4	84
Sand and gravel	14	98
Clay, few gravel interbeds	41	139
Sand and gravel	27	166
Clay	8	174
Sand and gravel	38	212
Sand and gravel, clayey	19	231
No record	59	290
(D-17-2)10ddd-2. Log interpreted from gamma-ray log. Alt. 5,445 ft.		
Recent and Pleistocene deposits:		
Topsoil and clay	8	8
Gravel, sand, and clay	8	16
Clay	20	36
Gravel, sand, and clay	10	46
Clay, sand, and gravel	24	70
Gravel, sand, and clay	40	110
Gravel and sand	25	135
Clay	8	143
Gravel and sand	27	170
Clay, gravel interbeds	34	204
Gravel and sand	14	218
Clay	7	225
Gravel, clay interbeds	35	260
(D-17-2)12cda-1. Log interpreted from gamma-ray log to 164 ft. Alt. 5,417 ft.		
Recent and Pleistocene deposits:		
Soil and clay	15	15
Sand and gravel; water	11	26
Clay	6	32
Sand and gravel, a few clay interbeds; water	32	64
Clay	3	67
Sand and gravel; water	7	74
Clay	5	79
Sand and gravel	12	91
Clay	7	98
Sand and gravel	12	110
(D-17-2)12cda-1 - Continued		
Clay, small sand and gravel interbedded	33	143
Gravel and sand; water	23	166
Clay, water	98	264
(D-17-2)22dac-1. Log interpreted from gamma-ray log 0-347 ft. Alt. 5,449 ft.		
Recent and Pleistocene deposits:		
Clay	29	29
Sand	13	42
Clay, sandy	36	78
Clay	28	106
Gravel, pea	4	110
Clay, sandy and gravelly	14	124
Sand	6	130
Sand, clayey	20	150
Clay	8	158
Sand, clayey	12	170
Gravel	8	178
Clay, sandy and gravelly	12	190
Gravel	4	194
Clay and gravel	10	204
Clay	12	216
Sand and gravel	10	226
Clay, sandy and gravelly	4	230
Sand, gravel, pea	6	236
Sand, gravel, and clay interbedded	30	266
Clay, gravelly and sandy, few interbeds of sand and gravel	34	300
Sand	6	306
Clay, gravelly, few interbeds	16	322
Gravel, pea	3	325
Clay	9	334
Sand and gravel, clayey	6	340
Clay	7	347
(D-17-2)35ada-1. Log by Thomas Woodhouse 0-150 ft., A. H. Milligan 150-350 ft. Alt. 5,450 ft.		
Recent and Pleistocene deposits:		
Topsoil	7	7
Sand, fine; water	1	8
Clay, red	42	50
Sand, coarse	2	52
Clay, red	28	80
Gravel	3	83
Clay, blue	17	100
Gravel	6	106
Clay	21	127
Gravel	3	130
Gravel and clay	10	140
Clay, red	10	150
Clay, light yellow	20	170
Clay, light blue	10	180
Clay, light yellow	10	190
Clay, pale blue	20	210
Clay, blue, some gravel; water	10	220
Sand, fine, and gravel	10	230
Clay, blue, and gravel	10	240
Sand, fine, and gravel	10	250
Green River(?) Formation:		
Clay	1	251
Clay, blue	19	270
Clay, pale blue	10	280
Clay, blue	30	310
Sand, fine	5	315
Clay, blue	15	330
Clay, pale blue	20	350
(D-17-2)36dcb-1. Log by J. S. Lee and Sons. Alt. 5,493 ft.		
Recent and Pleistocene deposits:		
Clay	30	30
Gravel; water	2	32
Clay	8	40
Gravel	5	45
Clay	5	50
Gravel	5	55
Clay	5	60
Gravel	5	65
Clay	13	78
Gravel; water	12	90
Clay	4	94
Gravel; water	6	100
Clay	15	115
Gravel	9	124
Clay	30	154
Gravel; water	3	157
Clay	29	186
Crazy Hollow(?) Formation of Spieker(1949):		
(D-17-2)36dcb-1.- Continued		
Sandstone; water	7	193
Green River Formation:		
Bedrock	114	307
(D-17-3)3cbb-1. Log by Robinson Drilling Co. Alt. 5,549 ft.		
Recent and Pleistocene deposits:		
Topsoil	3	3
Clay, yellow	19	22
Clay and gravel	28	50
Boulders and little clay	5	55
Clay and gravel	60	115
Crazy Hollow(?) Formation of Spieker(1949):		
Shale, yellow	25	140
Shale, blue	8	148
Sandstone, gray	32	180
Shale, blue	25	205
Shale and limestone, brown	5	210
Green River(?) Formation:		
Limestone, gray	30	240
Limestone, black	30	270
Limestone, gray	35	305
Bentonite	7	312
Limestone, gray	38	350
(D-17-3)5add-1. Log by E. O. Reid Alt. 5,487 ft.		
Recent and Pleistocene deposits:		
Soil	6	6
Clay, hard	11	17
Clay, soft	13	30
Sand and gravel; water	5	35
Sand and fine clay	3	38
Sand and fine gravel; water	25	63
Clay	37	100
Sand and gravel; water	7	107
Gravel, fine; water	23	130
Clay	8	138
Sand and gravel; water	2	140
Clay, soft, and fine gravel	14	154
Sand and gravel; water	5	159
Sand and clay	3	162
Sand and gravel; water	6	168
Clay, sandy	16	184
Sand and gravel; water	11	195
Clay, sandy, soft	5	200
Sand and gravel; water	15	215
Clay, tough, dry	6	221
Boulders or conglomerate	9	230
Clay, blue and red, hard	117	347
Gravel, fine; water	3	350
Sand and fine gravel; water	42	392
Clay, hard pebble, dry	4	396
(D-17-3)8cdd-1. Log by Robinson Drilling Co. Alt. 5,485 ft.		
Recent and Pleistocene deposits:		
Topsoil	5	5
Clay	17	22
Gravel	26	48
Clay, brown	26	74
Sand, coarse	6	80
Clay, brown	6	86
Gravel, coarse	31	117
Clay, brown	15	132
No record	39	171
Gravel and streaks of clay	19	190
Gravel, coarse	6	196
Clay and gravel	18	214
Clay, brown, sandy	5	219
Gravel and streaks of clay	28	247
Gravel, coarse	14	261
Clay and gravel	4	265
Gravel	11	276
Gravel and clay	21	297
Clay, yellow, and some gravel	3	300
(D-17-3)9cbd-1. Log by Coxe and Clarkson. Alt. 5,520 ft.		
Recent and Pleistocene deposits:		
Soil	3	3
Clay	12	15
Gravel and clay	75	90
Gravel, coarse; water	10	100
Gravel and some clay	15	115
Gravel, coarse	20	135
Gravel, fine	15	150
Gravel, and some clay	10	160
Gravel, coarse	20	180
Clay and gravel	5	185
Clay	10	195

Table 4.--Selected drillers' logs of wells and logs of wells interpreted from geophysical logs and drillers' logs - Continued

Material	Thickness	Depth
(D-17-3)9cbd-1 - Continued		
Clay and gravel	5	200
Gravel, fine	15	215
Gravel and clay	5	220
Gravel, fine	5	225
Gravel and sand	10	235
Gravel	5	240
Sand and clay	40	280
Clay	5	285
(D-17-3)16adb-1. Log by Sharp Welding Co. Alt. 5,620 ft.		
Recent and Pleistocene deposits:		
Clay	12	12
Clay, gravel, and cobbles	81	93
Clay, gravel	7	100
Clay	35	135
Green River Formation:		
Slate	38	173
(D-17-3)17caa-1. Log by Robinson Drilling Co. Alt. 5,493 ft.		
Recent and Pleistocene deposits:		
Soil	5	5
Clay	24	29
Gravel and large boulders	7	36
Clay and gravel	10	46
Clay	19	65
Gravel; water	6	71
Clay and sand	15	86
Sand, fine	5	91
Gravel, large; making water	26	117
Clay	5	122
Clay and gravel	12	134
Gravel	6	140
Conglomerate, hard	6	146
Clay	2	148
Conglomerate	6	154
Gravel, coarse	8	162
Clay, brown	19	181
Gravel, coarse	21	202
Clay, gray	3	205
Gravel, small	9	214
Clay, brown	3	217
Clay and gravel	3	220
Sand, fine; water	3	223
Gravel, coarse, and clay, mixed	19	242
Clay, brown	7	249
Gravel, coarse	2	251
Clay and gravel	18	269
Clay, brown	6	275
Gravel and clay	100	375
Clay, red, and sand	13	388
Sand, hard, and small gravel	3	391
Clay, gray, and gravel	5	396
Clay, red, and hard sand	5	401
Clay, hard, red	22	423
Clay	7	430
Green River(?) Formation:		
Solid rock formation	2	432
Solid formation	21	453
(D-17-3)20cdb-1. Log by Robinson Drilling Co. Alt. 5,524 ft.		
Recent and Pleistocene deposits:		
Soil	2	2
Clay, yellow	35	37
Clay and gravel	23	60
Gravel; making water	9	69
Clay, yellow	16	85
Gravel	13	98
Clay, gray, and gravel	20	118
Clay, yellow, and gravel	30	148
Gravel	10	158
Clay, red, and gravel	15	173
Clay, yellow	4	177
Gravel	4	181
Clay, yellow	9	190
Gravel	7	197
Clay, brown	8	205
(D-17-3)20cdb-1 - Continued		
Clay and gravel	20	225
Gravel	22	247
Clay and gravel	23	270
Green River(?) Formation:		
Conglomerate	5	275
Lime, white	10	285
Conglomerate	5	290
Clay, blue, and gravel	15	305
Clay, yellow, and gravel	10	315
Clay, blue, and gravel	2	317
Rock	5	322
Clay and gray lime	6	328
Clay, gray lime	2	330
Clay, blue	7	337
Lime	5	342
Clay, gray	33	375
Lime, gray	5	380
Shale, dark, and gray lime	5	385
Lime, gray	5	390
(D-17-3)20dbb-1*. Log by Robinson Drilling Co. Alt. 5,546 ft.		
Recent and Pleistocene deposits:		
Topsoil	13	13
Gravel and clay	15	28
Gravel and boulders	12	40
Gravel, large	20	60
Gravel and clay	20	80
Gravel and some clay	21	101
Gravel and some clay	40	141
Gravel	32	173
Gravel and clay	21	194
Clay, brown	5	199
Gravel and clay	21	220
Clay and gravel	184	404
Green River(?) Formation:		
Shale, blue	5	409
Clay and gravel	6	415
Limestone, gray, solid formation	21	436
(D-17-3)30dac-1. Log interpreted from gamma-ray log. Alt. 5,478 ft.		
Recent and Pleistocene deposits:		
Clay and silt	5	5
Gravel and sand	11	16
Clay	19	35
Clay, silt, and sand, some interbeds gravel	125	160
Green River(?) Formation:		
Bedrock; sandstone(?)	36	196
(D-17-3)31caa-1. Log by R. A. Olsen. Alt. 5,473 ft.		
Recent and Pleistocene deposits:		
Clay	19	19
Mud	2	21
Clay	39	60
Mud	8	68
Clay	2	70
Sand	5	75
Clay	49	124
Gravel	2	126
Clay	27	153
Green River(?) Formation:		
Rock, clay layers	14	167
Rock	9	176
Gravel to rock	1	177
(D-18-2)1daa-2. Log by O'Brien Drilling Co. Alt. 5,555 ft.		
Recent and Pleistocene deposits:		
Clay, brown	8	8
Gravel and boulders; dry	92	100
Gravel; water	54	154
Clay, brown	50	204
Gravel; water	3	207
Clay, yellow, and gravel	20	227
Green River Formation:		
(D-18-2)1daa-2 - Continued		
Solid rock	6	233
(D-18-2)12cdb-1. Log by C. W. Anderson. Alt. 5,573 ft.		
Recent and Pleistocene deposits:		
Topsoil	1	1
Boulders; surface water	39	40
Conglomerate	10	50
Boulders; water	20	70
Lime set formation	22	92
Clay, yellow, and gravel	8	100
Lime, gray	164	264
Conglomerate	26	290
Lime rocks	13	303
Conglomerate	19	322
Clay and gravel	8	330
Lime rocks	14	344
(D-18-2)14aac-1. Log by C. W. Anderson. Alt. 5,536 ft.		
Recent and Pleistocene deposits:		
Topsoil	8	8
Gravel hardpan	68	76
Clay, blue	1	77
Gravel; water	7	84
Gravel hardpan	10	94
Gravel; water	15	109
Clay, blue	15	124
Gravel, sandy	9	133
Gravel and hardpan	7	140
Gravel hardpan	23	163
Clay and gravel	5	168
Gravel	7	175
Clay, blue	3	178
Gravel	9	187
Gravel in clay	3	190
Gravel	19	209
Gravel, cemented	114	323
(D-18-2)33abc-1*. Log by Sharp Welding Co. Alt. 5,500 ft.		
Recent and Pleistocene deposits:		
Clay, red	22	22
Rock and clay; water	29	51
Hardpan, hard clay, and rock	8	59
Clay, soft, brown	14	73
Clay, hard, brown	24	97
Gravel; water	2	99
(D-18-2)34bbb-1*. Log by C. W. Anderson. Alt. 5,497 ft.		
Recent and Pleistocene deposits:		
Clay, sandy	48	48
Sand; water	2	50
Green River(?) Formation:		
Sandstone	10	60
(D-19-2)32aac-1. Log by E. O. Reid. Alt. 5,540 ft.		
Recent and Pleistocene deposits:		
Topsoil	4	4
Gravel and boulders	46	50
Gravel and boulders; water-bearing	116	166
(D-20-2)18adb-1*. Log by C. W. Anderson. Alt. 5,599 ft.		
Recent and Pleistocene deposits:		
Clay	45	45
Water	1	46
Clay	32	78
Hardpan	3	81
Clay	10	91
Hardpan	3	94
Clay	23	117
Hardpan	3	120
Clay, gravel	20	140

Table 5.--Stream discharges, in cubic feet per second, at miscellaneous sites

(Discharge determined by gage-height readings, unless followed by m, measured)

San Pitch River near Manti

Location.--(D-18-2)3d.
Gage.--Staff gage. Rating curve for gage established by periodic measurements; gage-height reading made every few days.

1965		1966		1966	
Nov. 23	99m	Feb. 28	181	May 13	20
Dec. 6	104m	Mar. 3	145	May 16	11
Dec. 13	116m	Mar. 5	137	May 20	3.0
Dec. 21	101m	Mar. 9	170	May 23	2.0
Dec. 22	87	Mar. 12	237	May 26	1.8
Dec. 24	80	Mar. 15	242	May 30	1.8
Dec. 28	83m	Mar. 16	224	June 2	1.8
Dec. 30	110	Mar. 17	235	June 10	1.8
1966		Mar. 18	235	June 14	1.8
Jan. 3	102	Mar. 21	172	June 17	1.8
Jan. 5	108	Mar. 23	159	June 26	.8
Jan. 7	103	Mar. 24	145	July 13	1.0
Jan. 11	97	Mar. 25	131	July 19	1.9
Jan. 13	120	Mar. 30	80	July 26	1.4
Jan. 14	82	Apr. 1	67	Aug. 3	1.0
Jan. 17	106	Apr. 4	58	Aug. 25	.8
Jan. 21	83	Apr. 5	52m	Sept. 1	.5
Jan. 25	52	Apr. 13	11	Sept. 19	0
Jan. 26	48	Apr. 15	11m	Oct. 6	0
Jan. 27	50m	Apr. 20	8.0	Oct. 28	0
Jan. 29	58	Apr. 22	8.0	Dec. 5	14
Feb. 3	71	Apr. 26	1.5	Dec. 7	44
Feb. 7	90	Apr. 27	4.4m	Dec. 16	26
Feb. 10	106	May 2	2.5	1967	
Feb. 15	64	May 6	1.8	Jan. 5	21
Feb. 17	61	May 10	3.0	Jan. 21	11
Feb. 22	103	May 12	17		

Saleratus Creek at railroad crossing

Location.--(D-18-2)22cb.
Gage.--Staff gage. Rating curve for gage established by periodic measurements; gage-height readings made periodically.

1965		1966		1966	
Aug. 26	5.6m	Jan. 5	2.0	Feb. 22	4.2
Oct. 15	5.6m	Jan. 7	3.4	Feb. 28	5.3
Dec. 3	5.5	Jan. 17	2.0	Mar. 9	12
Dec. 6	6.1m	Jan. 21	1.9	Mar. 15	5.1
Dec. 13	6.4	Jan. 26	1.9	Mar. 25	2.6
Dec. 20	2.2	Jan. 29	2.1	Apr. 4	2.3
Dec. 21	2.1m	Feb. 3	2.1	Apr. 13	2.4
Dec. 28	3.8m	Feb. 10	2.9	Apr. 26	1.7m
Dec. 30	16	Feb. 15	2.0	May 5	2.3

Saleratus Creek at railroad crossing - Continued

1966		1966		1966	
May 12	2.1	June 26	1.8	Nov. 2	1.6
May 24	1.8	July 13	1.4	1967	
June 2	2.0	Aug. 2	1.5	Jan. 21	1.4
June 14	2.0	Sept. 1	1.5		

Sixmile Creek below diversion to Gunnison Reservoir and west of Sterling

Location.--(D-18-2)33bc.
Gage.--None April 1965 to November 1965; staff gage installed November 1965 and rating curve for gage established by periodic measurements; gage-height readings made every few days.

1965		1965		1966	
Apr. 9	4.0m	Dec. 30	6.5	Apr. 15	7.7
Apr. 16	4.1m	1966		Apr. 20	9.0
Apr. 23	3.7m	Jan. 5	5.8	Apr. 26	9.0m
Apr. 30	9.9m	Jan. 7	5.2	May 2	19
May 7	9.4m	Jan. 11	5.2	May 5	16
May 14	4.2m	Jan. 13	5.2	May 6	20
May 21	13m	Jan. 14	5.5m	May 10	37
May 28	15m	Jan. 17	5.5	May 12	32
June 4	48m	Jan. 21	4.0	May 13	30
June 14	60m	Jan. 25	5.0	May 16	32
June 18	10m	Jan. 26	5.0	May 20	42
June 24	40m	Jan. 29	4.5	May 24	39
July 3	66m	Feb. 3	1.0	May 26	37
July 9	48m	Feb. 7	0	May 30	36
July 16	50m	Feb. 10	4.5	June 2	39
July 23	45m	Feb. 15	4.5	June 7	29
July 30	34m	Feb. 17	4.5	June 10	27
Aug. 11	22m	Feb. 22	5.8	June 14	22
Aug. 19	19m	Feb. 28	5.2	June 17	16
Aug. 26	14m	Mar. 3	5.0	June 23	14
Sept. 3	9.0m	Mar. 5	5.5	June 26	10
Sept. 20	6.3m	Mar. 9	5.2	July 13	7.3
Oct. 9	5.5m	Mar. 12	4.5	July 18	5.8
Oct. 20	6.1m	Mar. 15	5.8	July 27	5.2
Nov. 16	7.2m	Mar. 18	11	Aug. 2	3.5
Dec. 8	7.3	Mar. 21	7.3	Aug. 19	4.0
Dec. 13	.3m	Mar. 25	5.8	Sept. 1	2.2
Dec. 20	5.2	Mar. 30	7.7	Sept. 19	3.5
Dec. 21	4.0m	Apr. 1	10	Oct. 12	3.5
Dec. 24	5.8	Apr. 4	10	Nov. 2	0
Dec. 28	5.5	Apr. 13	7.3		

Table 6.--Chemical analyses of water from selected wells and springs

Location No: Asterisk (*) indicates that the well number has been revised. See footnote 1 in table 1 for revised number.
Iron: In solution at time of analysis, except as indicated by t, total iron in solution at time of collection.
Manganese: In solution at time of analysis, except as indicated by t, total manganese in solution at time of collection.
Sodium and potassium: Where no value is given for potassium, sodium (Na) plus potassium (K) values are reported as sodium.
Dissolved solids: Residue on evaporation at 180°C, except as indicated by c, calculated as sum of determined constituents.
Agency making analysis: DH, Utah State Department of Health; GS, U.S. Geological Survey; SC, State Chemist.

Location No.	Date of collection	Temperature (°F)	Parts per million																	Percent sodium	Sodium-adsorption ratio	Specific conductance (micromhos/cm at 25°C)	pH	Agency making analysis
			Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B)	Dissolved solids	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$					
(D-13-5)																								
33ada-S1[1]	[2]8-29-57	57	7.6	0.02t	0.00t	64	19	19	2.3	303	0	28	2.8	0.2	0.4	-	292	238	0	15	0.5	523	8.0	GS
(D-14-2)																								
2bab-S1[3]	2-26-41	-	4.0	.00	-	62	16	12		274	-	7.7	13	.0	.0	-	-	-	-	11	.4	-	-	SC
	4-10-41	-	4	.0	-	62	16	12		225	-	7.7	13	.0	.0	-	252c	219	-	11	.4	-	7.3	DH
	[4]8-29-57	55	8.0	.06t	.00t	62	11	19	2.2	278	0	8.2	6.4	.1	2.0	-	243	200	0	17	.6	455	7.9	GS
	2-20-64	-	7	.01t	.00	63	17	7.0	.6	270	1	9	9	.1	.6	0.07	246	228	-	6	.2	445	7.8	DH
13aaa-1	5- -55	-	20	.02	-	60	21	11	.3	268	-	11	20	.2	2.4	-	277	236	-	9	.3	478	-	GS
	12- 4-57	-	19	1.1	-	59	19	14		266	0	10	18	-	3.3	-	273c	225	7	12	.4	477	-	GS
	7- 3-58	51	16	.49t	-	59	20	13		267	0	10	18	-	2.7	-	270c	229	10	11	.4	472	7.8	GS
(D-14-3)																								
7bbb-1	8-27-51	50	-	-	-	68	25	5.8		308	0	15	12	-	-	-	278c	272	20	4	.2	420	-	GS
20cbb-1	5-18-65	50	21	-	-	84	34	25		384	0	33	36	-	5.7	-	429	350	35	13	.6	736	7.9	GS
33bcc-1	5- -55	-	46	.11	-	124	61	22	3.0	344	0	112	124	.0	42	-	710	560	278	8	.4	1,210	7.9	GS
	12- 4-57	-	35	.71t	-	142	56	24		432	0	94	112	-	32	-	707c	584	230	8	.4	1,200	-	GS
	7- 3-58	51	41	.17t	-	144	58	22		427	0	95	118	-	39	-	727c	600	250	7	.4	1,190	7.6	GS
	7-29-59	52	40	-	-	140	59	9.9		426	0	88	116	-	14	-	676c	594	245	3	.2	1,190	7.7	GS
	7-27-60	52	45	.00	-	140	54	25	2.7	422	0	87	114	.2	36	.18	744	572	226	9	.5	1,200	7.8	GS
(D-14-4)																								
1abc-1	7-25-52	-	19	.05	-	62	29	25		352	-	16	7.9	.4	11	-	344	273	-	17	.7	-	-	SC
12cdd-1	7-31-65	50	8.8	-	-	71	23	11		320	0	21	5.8	-	6.5	-	288	274	12	8	.3	522	7.9	GS
24bbb-1	6-29-65	56	9.8	-	-	80	29	5.5		346	0	20	8.5	-	17	-	336	318	34	4	.1	593	7.7	GS
(D-14-5)																								
16bdd-1	12-21-56	127	29	.68	-	26	7.1	124	10	438	0	.1	10	.8	.6	-	425	94	0	72	5.6	670	7.7	GS
	5-18-59	133	35	-	-	27	6.1	129		440	0	.0	8.0	-	.2	-	421c	92	0	75	5.8	645	7.5	GS
	1-20-62	-	17	.06t	.00	27	13	69	6.0	299	2	10	5	.7	1.1	.16	302	121	-	55	2.7	471	8.0	DH
(D-15-2)																								
2ada-S1[5]	5- 7-41	-	2.7	.00	-	54	22	7.8		262	-	11	12	.2	.0	-	277	225	-	7	.2	-	-	SC
12aad-1	4-30-65	52	17	-	-	53	34	6.9		300	0	15	18	-	.3	-	298	272	26	5	.2	522	7.6	GS
26acb-S1[6]	[7]5- 7-41	-	3.8	.00	-	81	30	23		360	-	43	26	.4	.0	-	420	324	-	13	.6	-	-	SC
	8-28-57	54	7.7	.08t	.00t	86	33	17	1.0	379	0	41	21	.0	.7	-	411	350	40	10	.4	692	7.4	GS
	5-12-64	-	5	.03t	.01	89	31	13	1.3	376	1	39	20	.2	1.2	.05	420	350	-	8	.3	665	7.8	DH
(D-15-3)																								
8cda-3	4-30-65	52	28	-	-	44	32	18		258	14	26	13	-	.0	-	287	242	7	14	.5	498	8.7	GS
9ddc-1[8]	9-21-55	-	14	-	-	105	22	20		335	-	43	48	.2	8.2	-	387	236	-	11	.5	-	7.7	SC
25ccb-S1[9]	[10]11- 2-51	52	23	-	-	60	53	36	2.6	394	0	61	49	.2	.3	.12	479c	368	44	17	.8	796	-	GS
26ccd-1	5-12-64	-	7	.05	.02	106	76	72	2.3	521	2	171	86	.2	.7	.24	814	-	-	21	1.3	1,240	7.8	DH
	1-21-67	-	11	-	-	92	75	72		536	0	144	76	-	.1	-	798	540	100	22	1.3	1,260	8.1	GS
28aba-1	12- 4-57	-	26	.02	-	89	55	99		502	0	158	59	-	4.6	-	738c	448	36	32	2.0	1,180	-	GS
	7- 3-58	51	28	.07t	-	88	57	93		497	0	157	58	-	4.5	-	730c	454	46	31	1.9	1,150	7.6	GS
	7-29-59	50	32	-	-	87	58	88		496	0	150	58	-	3.2	-	720c	456	49	30	1.8	1,140	7.8	GS
	7-22-60	52	34	.01	-	90	54	90	3.1	500	0	155	58	.1	3.8	.22	720	448	38	30	1.8	1,130	7.5	GS
	9-25-63	55	-	-	-	-	-	94		495	0	153	60	-	-	-	688	446	40	31	1.9	1,100	7.6	SC
(D-15-4)																								
2adb-1[11]	8-20-52	-	12	.60t	-	38	43	18		345	-	21	.0	.0	5.7	-	336	271	-	13	.5	-	-	SC
4dda-1	6-29-65	50	7.7	-	-	67	37	17		377	0	18	11	-	17	-	354	320	11	10	.4	638	7.8	GS
8dcd-1	5-19-65	50	9.1	-	-	66	40	11		384	0	20	7.8	-	6.7	-	344	328	13	7	.3	619	7.8	GS
29dcb-S1	1-20-62	-	12	.005t	.00	57	41	18	4.1	377	1	17	13	.2	20	.10	379	310	-	11	.4	604	7.4	DH
31dcc-1	4-29-65	50	19	-	-	45	41	36		344	0	35	25	-	5.4	-	359	280	0	22	.9	639	7.9	GS
32bab-1	11-15-66	52	12	-	-	53	38	28		380	0	14	11	-	7.8	-	337	388	0	17	.7	595	7.9	GS
(D-15-5)																								
22bbb-S1	2-20-64	-	6	.02t	.02	72	31	3.0	1.2	331	2	16	7	.1	.5	.02	320	306	-	2	.1	535	8.0	DH
(D-16-2)																								
35acd-2	7-21-66	57	22	-	-	56	79	90		458	0	153	80	-	15	-	716	465	89	30	1.8	1,140	7.7	GS
36cbd-1	6- 5-65	55	18	-	-	38	36	36		274	0	33	44	-	.0	-	321	242	17	25	1.0	585	8.1	GS
(D-16-3)																								
4aaa-1	[10]11- 2-51	51	58	.02	-	98	51	99	10	402	0	188	113	.0	6.1	.14	821c	454	124	32	2.0	1,240	7.8	GS
	5- -55	-	60	.08	-	80	53	100	8.7	360	0	181	110	.2	5.7	-	765	418	122	34	2.1	1,100	7.7	GS
4aaa-2	11- 2-51	51	62	-	-	-	-	-	-	414	0	198	102	.0	5.7	.15	-	-	-	-	-	1,230	-	GS
7abc-1*	4-29-65	55	13	-	-	67	75	32		380	0	93	73	-	42	-	609	476	164	13	.6	997	7.8	GS
9bbb-1*	4-29-65	51	38	-	-	37	25	37		190	8	24	59	-	.2	-	316	196	27	29	1.2	584	8.5	GS
15cda-1*	6- 4-65	53	25	-	-	103	92	85		473	0	231	108	-	26	-	900	616	228	21	1.5	1,420	7.8	GS
21bbb-2*	4-29-65	54	28	-	-	31	33	39		264	0	12	50	-	.3	-	315	214	0	29	1.2	567	8.1	GS
21cdb-2	4-29-65	52	18	-	-	106	86	62		360	0	263	118	-	21	-	904	618	323	18	1.1	1,340	8.0	GS
24aba-1	7-30-65	54	15	-	-	56	3.2	190		402	3	58	32	-	.0	-	518	27	0	94	16	806	8.3	GS
33ba-S	1-20-62	-	14	.02	.01	68	65	118	2.7	518	3	134	60	.4	6.2	.25	778	438	-	37	2.5	1,209	8.0	DH
(D-16-4)																								
13adb-S1[12]	[13]8-28-57	50	6.6	.06t	.00t	74	28	10	2.2	368	0	7.2	5.6	.1	1.5	-	293	300	0	7	.3	562	7.9	GS
(D-17-2)																								
1cba-1	[10]11- 2-51	56	20	.09	-	39	37	20	1.6	268	0	42	20	.1	.3	.05	312c	250	30	15	.6	517	-	GS
1cba-2	[10]11- 2-51	51	26	.06	-	49	47	53	1.6	340	0	81	48	.3	.6	.11	474c	316	38	27	1.3	769	-	GS
11dab-1	8-27-51	-	-	-	-	23	22	35	1.0	244	0	14	5.0	.4	-	-	-	148	0	34	1.2	325	7.8	GS
15dac-1	[10]11- 2-51	52	21	-	-	58	55	50	2.0	365	0	113	40	.1	2.4	.10	520c	370	72	23	1.1	832	-	GS
22ddc-3	4-28-65	53	15	-	-	64	55	35		378	0	93	40	-	2.1	-	493	388	78	17	.8	830	7.9	GS
35ada-1	7- 3-58	53	24	.23t	-	45	43	34		313	0	67	24	-	4.0	-	395c	290	33	20	.9	654	7.8	GS
	7-29-59	53	16	-	-	44	42	29		302	0	62	24	-	2.1	-	368c	285	37	18	.7	646	7.6	GS
	7-27-60	53	17	.14	-	44	41	32	.9	304	0	68	22	.4	.2	.09	376	278	29	20	.8	640	8.0	GS

Table 6.--Chemical analyses of water from selected wells and springs - Continued

Location No.	Date of collection	Temperature (°F)	Parts per million: Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B)	Dissolved solids	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Sodium-adsorption ratio	Specific conductance (micromhos/cm at 25°C)	pH	Agency making analysis
(D-17-2)																								
35ada-1	7-26-61	53	-	-	-	-	-	-		335	0	-	22	-	-	-	-	-	-	-	-	665	7.6	GS
	9-25-63	53	-	-	-	-	-	30		295	0	72	27	-	-	-	365	290	48	18	0.8	613	7.6	GS
(D-17-3)																								
6aad-1	4-28-65	56	10	-	-	45	42	34		280	10	68	29	-	2.0	-	364	286	40	20	.9	658	8.4	GS
6bcd-1	11- 2-51	54	16	0.05	-	58	48	16	1.6	348	0	35	19	0.1	29	-	394c	342	57	9	.4	656	-	GS
6dbb-3	5- -55	50	17	.04	-	73	59	15	1.9	420	0	40	25	.1	43	-	456	424	80	7	.3	832	7.9	GS
19bcb-1*	4-28-65	52	14	-	-	60	50	6.7		282	8	62	31	-	20	-	400	354	110	4	.2	667	8.4	GS
20dbb-1*	14/8-28-57	52	16	.04t	0.00t	76	45	23	2.3	375	0	71	21	.3	21	-	463	374	67	12	.5	775	7.7	GS
30dbd-1	5- -55	52	39	.05	-	41	45	21	2.2	272	0	81	17	.6	.9	-	370	288	64	14	.5	596	7.9	GS
(D-17-4)																								
16dcd-S1	4-10-41	-	1.5	.0	-	39	27	12	2.5	252		13	9	.0	.0	-	252c	208	-	11	.4	-	7.7	DH
	14/8-28-57	45	5.1	.10t	.00t	45	21	9.8	2.2	262	0	8.8	1.8	.1	2.0	-	210	199	0	9	.3	376	8.1	GS
(D-18-2)																								
10daa-1*	4-27-65	50	11	-	-	74	54	27		384	10	98	15	-	15	-	495	408	77	12	.6	813	8.4	GS
12bab-1	4-30-62	-	8.6	.02	.00	84	56	20	2.0	409	2	103	17	.3	7.4	.17	550	439	-	9	.4	835	7.8	DH
	7-20-65	51	9.8	-	-	80	54	40		446	0	103	14	-	20	-	512	420	54	17	.9	808	8.0	GS
13cad-S1 15/	2- 6-41	-	5.6	.05	-	26	15	129		421	-	86	55	.7	3.0	-	635	-	-	69	5.0	-	7.7	SC
	1-23-62	-	11	.03	.01	25	13	175	6.5	410	4	82	49	1.0	.6	.26	587	117	-	77	7.1	893	8.3	SC
14aac-1	7-19-66	56	14	-	-	22	28	317		740	0	50	142	-	.8	-	936	170	0	80	11	1,550	8.0	GS
22add-1	4-27-65	49	16	-	-	34	24	374		776	0	148	147	-	2.5	-	1,130c	186	0	81	12	1,820	7.9	GS
23aac-S1	7-22-66	59	13	-	-	45	46	354		704	0	113	265	-	1.2	-	1,180c	300	0	72	8.9	1,800	8.0	GS
33abc-1*	4-27-65	54	10	-	-	59	48	57		326	8	85	68	-	4.2	-	500	344	64	27	1.3	859	8.4	GS
35cda-1	12- 7-45	-	4.5	-	-	54	43	58		-	-	76	24	-	.0	-	-	312	-	29	1.4	-	-	SC
(D-18-4)																								
20bb-S	7/8-28-57	41	6.5	.09t	.00t	62	35	9.1	1.0	218	0	138	1.8	.2	2.0	-	373	298	120	6	.2	594	7.9	GS
	6-24-66	41	5.5	-	-	48	31	14	31	216	0	94	1.7	-	.3	-	310	248	71	11	.4	497	7.8	GS
(D-19-2)																								
1dbc-S1 16/	5- 7-41	-	8.3	-	-	43	29	16		262	-	22	20	.2	.0	-	280	228	-	12	.4	-	-	SC
	2-20-64	-	9	.02	.00	43	35	7.0	1.1	256	2	22	19	.2	1.4	.08	288	250	-	6	.2	490	8.2	DH
4dca-S1 17/	9- 8-50	-	9.2	.00	-	25	27	101		303	-	81	41	.3	.7	-	438	174	-	56	3.3	-	-	SC
	4/8-27-57	67	13	.03t	.02t	38	19	94	3.8	310	2	71	34	1.1	.1	-	417	173	0	53	3.1	711	8.3	GS
	6-18-64	-	12	.02	.00	37	23	81	1.7	316	2.2	75	42	.0	.2	.21	446	186	-	48	2.6	780	8.1	DH
8dcb-S1 18/	5- 7-55	-	2.1	.10	-	103	19	229		521	-	155	148	.8	41	-	896	336	-	60	5.4	-	7.8	DH
9cbb-S1 19/	11- 2-51	53	28	-	-	54	55	164	3.2	481	0	143	108	.4	42	.62	834c	360	0	49	3.8	1,310	-	GS
17aad-1	4-27-65	48	13	-	-	53	50	95		371	14	103	65	-	19	-	586	336	9	38	2.2	1,020	8.5	GS
20ddd-S1	20/8-28-57	55	19	.09t	.00t	74	66	49	1.7	450	0	107	37	.3	23	-	607	456	87	19	1.0	978	7.5	GS
32aac-1	7-27-65	52	23	-	-	69	56	32		405	0	66	31	-	38	-	527	404	72	15	.7	897	7.9	GS
33acd-S1	7-13-65	50	14	-	-	74	48	24		412	0	34	18	-	43	-	450	380	42	12	.5	764	8.0	GS

1/ Two spring areas used as public supply for town of Fairview; sample is composite sample.
2/ Analysis includes 0.5 ppm lithium.
3/ Numbered (D-13-2)35 in Connor, Mitchell, and others (1958).
4/ Analysis includes 0.4 ppm lithium.
5/ Numbered (D-15-2)2 in Connor, Mitchell, and others (1958).
6/ Numbered (D-15-2)25c in Connor, Mitchell, and others (1958).
7/ Analysis includes 0.1 ppm lithium.
8/ Numbered (D-15-3)9acb in Connor, Mitchell, and others (1958).
9/ Numbered (D-15-3)25 in Connor, Mitchell, and others (1958).
10/ Analysis includes 0.00 ppm lithium.
11/ Numbered (D-15-4) in Connor, Mitchell, and others (1958).
12/ Ten springs used as public supply for town of Spring City; sample is composite sample.
13/ Analysis includes 0.0 ppm lithium.
14/ Analysis includes 0.3 ppm lithium.
15/ Numbered (D-18-2)13 in Connor, Mitchell, and others (1958).
16/ Numbered (D-19-2)2b in Connor, Mitchell, and others (1958).
17/ Numbered (D-19-1) in Connor, Mitchell, and others (1958).
18/ Numbered (D-19-2)8 in Connor, Mitchell, and others (1958).
19/ Numbered (D-19-2)9 in Connor, Mitchell, and others (1958).
20/ Analysis includes 0.2 ppm lithium.

Table 7.--Chemical analyses of water from streams

Date of collection: All analyses for 1949 were taken from Connor, Mitchell, and others (1958); all analyses for 1964 were taken from Hahl and Cabell (1965).
Iron: In solution at time of analysis.
Manganese: In solution at time of analysis.
Sodium and potassium: Where no value is given for potassium, sodium (Na) plus potassium (K) values are reported as sodium.
Dissolved solids: Residue on evaporation at 180°C.
Discharge: Measured by U.S. Geological Survey except as indicated by e, estimated.
Agency making analysis: AC, Agricultural Experiment Station, Utah State University; DH, Utah State Department of Health; GS, U.S. Geological Survey.

Location	Date of collection	Temperature (°F)	Parts per million																					Agency making analysis
			Silica (SiO_2)	Iron (Fe)	Manganese (Mn)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)	Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B)	Dissolved solids	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Sodium-adsorption ratio	Specific conductance (micromhos/cm at 25°C)	pH	Discharge (cfs)	
(D-13-4)35c San Pitch River at Fairview	6- 6-49	-	-	-	-	63	41	12	2.3	376	-	22	8.2	-	0.8	0.08	-	326	17	7	0.3	640	-	-	AC
	8-11-49	-	-	-	-	52	39	18	3.9	395	-	28	9.9	-	.8	.10	-	290	0	12	.5	700	-	-	AC
	8-26-49	-	-	-	-	33	36	18	3.9	391	-	26	9.9	-	.7	-	-	230	0	14	.5	700	-	-	AC
	3- 8-64	32	11	-	-	61	43	20		390	0	29	14	-	2.1	-	350	328	8	11	.5	636	8.1	4.4	GS
	5-21-64	47	6.2	-	-	60	19	7.8		264	6	14	3.6	-	1.2	-	246	230	4	7	.2	429	8.3	58	GS
	7-30-64	54	13	-	-	75	45	16		427	0	30	15	-	3.1	-	406	370	20	9	.4	690	7.9	4.6	GS
	9-23-64	53	13	-	-	24	43	24		258	12	35	13	-	1.1	-	281	235	4	18	.7	538	8.4	1.1	GS
(D-13-5)31cc Cottonwood Creek at mouth, near Fairview	6- 6-49	-	-	-	-	68	44	15	3.5	398	-	26	11	-	1.0	.14	-	350	24	8	.3	680	-	-	AC
(D-15-3)10d San Pitch River near Moroni	3-11-64	34	15	-	-	63	52	28		427	0	49	21	-	4.5	-	426	373	23	14	.6	729	8.2	43	GS
	5-21-64	53	15	-	-	67	41	28		380	0	53	20	-	3.0	-	400	336	24	15	.7	661	8.2	37	GS
	7-30-64	63	21	-	-	122	115	164		526	0	549	92	-	1.1	-	1,340	776	345	32	2.6	1,770	7.8	.4	GS
	9-23-64	60	14	-	-	88	84	126		496	0	346	52	-	.1	-	949	565	158	33	2.3	1,410	8.1	.5e	GS
(D-15-5)5b Pleasant Creek near Mount Pleasant	6- 6-49	-	-	-	-	50	13	2.1	1.2	229	-	7.2	2.1	-	.4	.06	-	178	0	2	.1	370	-	-	AC
	3-11-64	45	6.7	-	-	52	28	15		300	0	17	10	-	.3	-	247	244	0	12	.4	445	8.1	-	GS
	5-21-64	47	4.8	-	-	52	15	3.8		222	0	14	2.3	-	.6	-	206	192	10	4	.1	350	7.8	48	GS
	7-30-64	53	4.9	-	-	46	23	8.7		261	0	13	2.3	-	.2	-	217	212	0	8	.3	405	8.0	12	GS
	9-23-64	54	6.1	-	-	40	26	12		262	0	17	1.7	-	.1	-	219	208	0	11	.4	424	8.2	9.1	GS
(D-16-4)1b Oak Creek at mouth, near Spring City	6- 6-49	-	-	-	-	50	16	2.1	1.2	254	-	5.8	2.1	-	.4	.00	-	191	0	2	.1	400	-	-	AC
(D-17-3)14a Ephraim Creek near Ephraim	6- 5-49	-	-	-	-	42	16	3.0	1.2	218	-	19	2.1	-	.4	.08	-	171	0	4	.1	370	-	-	AC
	8-11-49	-	-	-	-	31	22	8.0	2.0	214	-	22	3.2	-	.2	.02	-	168	0	9	.3	360	-	-	AC
(D-18-2)3d[1/] San Pitch River near Manti	8-26-49	-	-	-	-	59	56	37	5.9	497	-	103	26	-	1.2	.09	-	377	0	17	.8	990	-	-	AC
	3-10-64	32	16	0.01	0.01	100	118	90	2.9	580	5	303	100	.7	3.6	.20	1,080	734	251	21	1.4	1,510	8.2	3.6	DH
	5-19-64	72	10	.05	.03	138	291	370	8.8	782	4	977	500	3.7	1.7	.30	3,040	1,540	892	34	4.1	3,670	8.0	17	DH
	7-28-64	68	12	.01	.00	137	55	29		489	4	162	36	.5	4.6	.16	703	570	162	10	.5	1,050	8.2	1e	DH
	9-22-64	47	15	.03	.04	67	85	41	3.0	481	2	137	37	.5	5.8	.05	663	516	118	15	.8	950	7.9	1e	DH
(D-18-2)32ac Sixmile Creek near Sterling	6- 5-49	-	-	-	-	42	26	9.9	1.2	265	-	19	3.2	-	.6	.07	-	212	0	9	.3	440	-	-	AC
(D-18-2)33bb San Pitch River at Gunnison Reservoir outlet	6- 5-49	-	-	-	-	61	84	143	11	445	-	240	136	-	.9	.22	-	497	132	38	2.8	1,480	-	-	AC
	8-11-49	-	-	-	-	52	90	178	13	501	-	272	167	-	.2	.14	-	500	89	43	3.5	1,510	-	-	AC
	8-26-49	-	-	-	-	53	102	186	12	500	-	282	180	-	.4	.20	-	551	142	42	3.4	1,700	-	-	AC
(D-18-3)18b[2/] Manti Creek below lower power plant tailrace, near Manti	8-26-49	-	-	-	-	51	30	12	3.1	220	-	92	2.1	-	.2	.00	-	250	70	9	.3	560	-	-	AC
	5-21-64	39	5.3	-	-	48	24	8.2		240	0	38	2.3	-	.5	-	244	220	23	7	.2	414	8.0	86	GS
	7-29-64	64	5.4	-	-	43	30	6.1		206	0	70	2.5	-	.2	-	277	232	63	5	.2	447	8.1	22	GS
	9-23-64	54	4.9	-	-	51	33	17		236	0	98	3.0	-	.1	-	322	262	68	13	.5	513	8.2	9.1	GS
(D-19-2)7d San Pitch River near Sterling	6- 5-49	-	-	-	-	51	56	111	7.4	359	-	112	131	-	.8	.21	-	357	62	40	2.6	1,120	-	-	AC
	8-11-49	-	-	-	-	49	86	236	13	451	-	259	275	-	.4	.25	-	476	106	51	4.7	1,820	-	-	AC
	3-10-64	36	11	.02	.01	96	93	666	4.6	485	4	238	1,020	.4	1.7	.30	2,450	624	220	70	12	3,810	8.2	1.5	DH
	5-19-64	61	14	.05	.02	70	89	155	4.5	412	4	254	202	.3	1.0	.61	1,070	542	198	38	2.9	1,540	8.2	53	DH
	7-28-64	77	15	.01	.00	84	121	295	6.0	492	2	372	410	.4	.5	.34	1,660	780	374	47	4.8	2,450	7.8	95	DH
	9-22-64	60	18	.03	.03	68	129	325	7.0	485	8	390	420	.5	1.0	.21	1,680	702	290	50	5.3	2,390	8.5	49	DH

1/ Numbered (D-18-2)3a in Utah Basic-Data Release No. 10.
2/ Numbered (D-18-3)19b in Utah Basic-Data Release No. 10.

Table 8.--Specific conductance of water from streams

Specific conductance: All determinations were made in the field.
Discharge: Measured except as indicated by e, estimated.

Location	Stream	Date of collection	Temperature (°F)	Specific conductance (micromhos/cm at 25°C)	Discharge (cfs)
(D-13-4)1cd	San Pitch River at bridge north of Milburn	1-26-66	-	600	-
24da	Oak Creek at mouth, near Fairview	11- 8-66	37	420	-
(D-13-5)31cc	Cottonwood Creek at mouth, near Fairview	11- 8-66	-	510	-
(D-14-5)16d	Birch Creek above where well water enters	10-10-66	48	410	1.5e
17c	Birch Creek at mouth	10-10-66	-	420	-
(D-15-5)19c	Twin Creek at mouth	10-25-66	44	410	7e
30b	Cedar Creek at mouth	10-25-66	44	430	1.5e
(D-16-2)1b	Peach Canyon Creek near mouth	11-23-65	42	680	-
22cb	Axhandle Canyon Creek near mouth	11-19-65	47	770	-
(D-16-4)1b	Oak Creek at mouth, near Spring City	11-16-66	37	380	-
15c	Canal Canyon Creek near mouth	11-16-66	38	420	3e
(D-17-3)22c	Willow Creek at mouth, near Ephraim	7-14-66	-	450	-
(D-18-2)3d	San Pitch River near Manti	11-23-65	44	1,800	99
		12-21-65	32	2,200	101
		1-26-66	33	2,100	50
		2-28-66	-	1,800	-
22ca	Saleratus Creek above Saleratus Springs	8-28-65	-	1,520	-
		12-28-65	-	2,200	3.1
		4-26-66	62	2,200	1.1
		8- 2-66	76	2,200	.5
		11- 4-66	-	2,300	-
32ac	Sixmile Creek near Sterling	7-16-65	58	470	50
		12-21-65	39	650	4
		8-19-66	58	310	4
33bb	San Pitch River at Gunnison Reservoir outlet	7-16-65	65	1,400	-