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GEOLOGICAL SURVEY

DESCRIPTION OF WELLS AT BEALE AIR FORCE BASE
AND VICINITY, CALIFORNIA

By Gerald L. Rockwell

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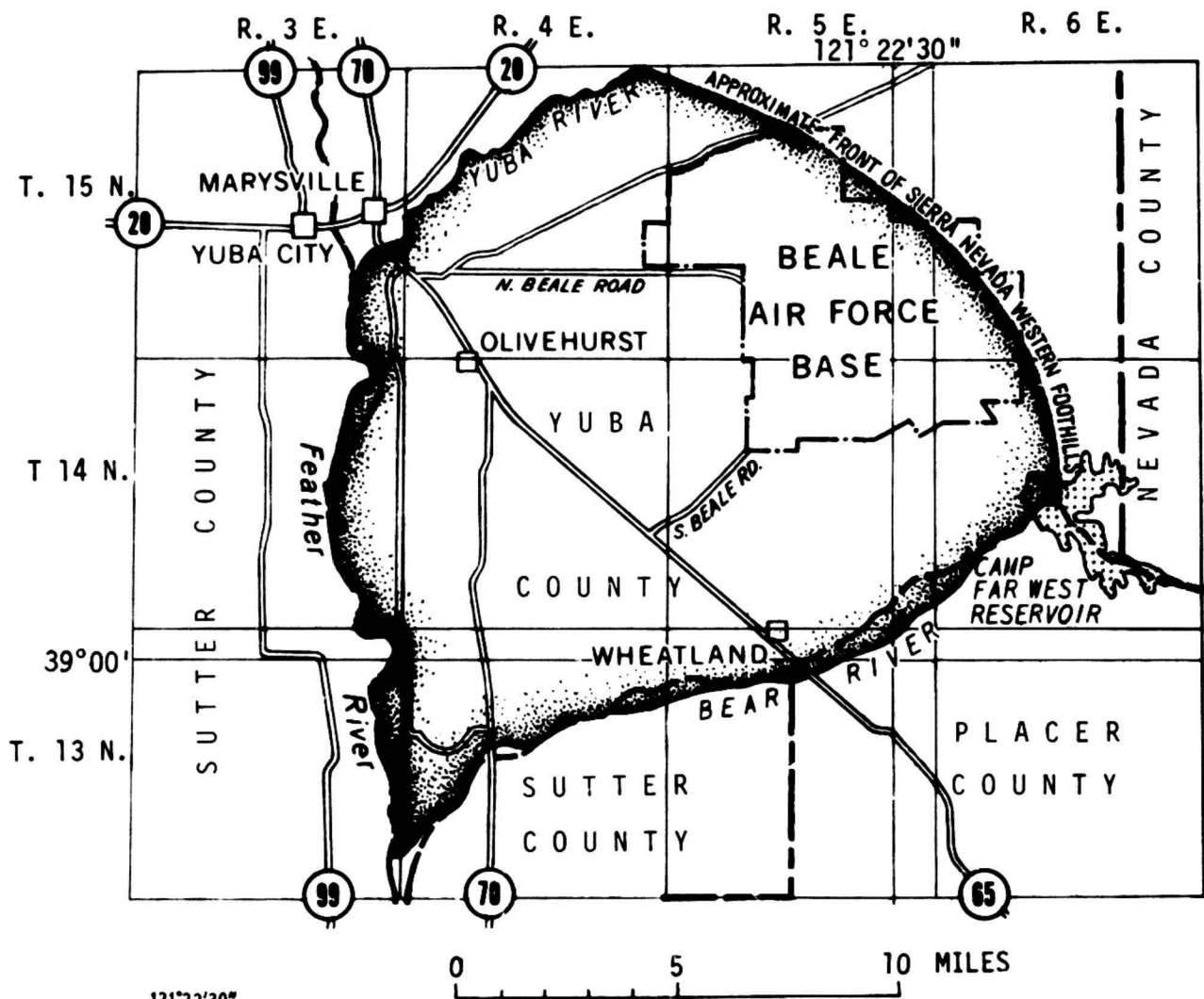
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EXPLANATION


Boundary of study area

FIGURE 1.--Index map.

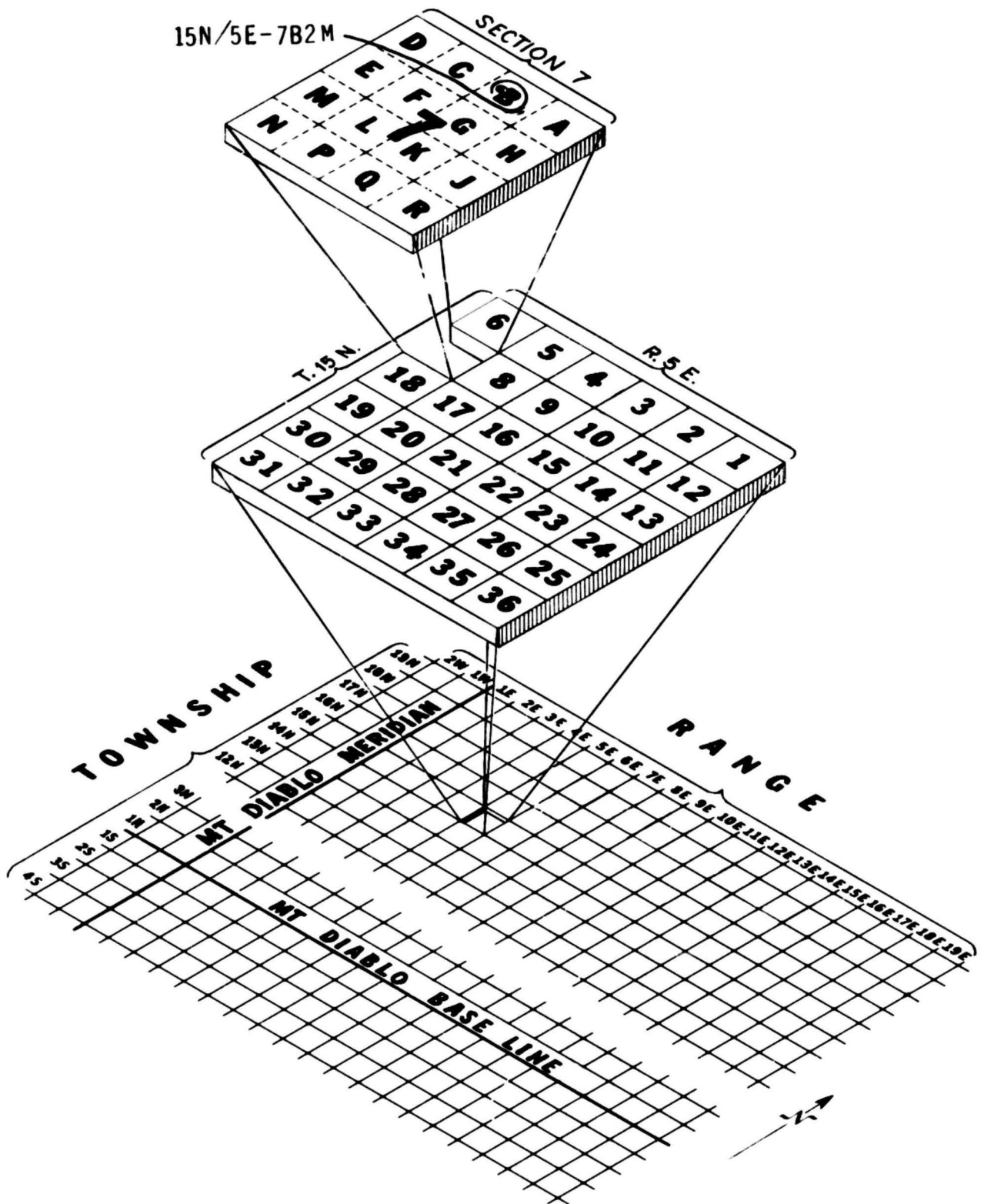


FIGURE 2.--Well-numbering system.

DESCRIPTION OF WELLS AT BEALE AIR FORCE BASE
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The study area occupies approximately 168 square miles of the Sacramento Valley. The study area boundary is the Yuba River in the north, the Feather River in the west, the Bear River in the south, and the Sierra Nevada foothills in the east.

Between December 1976 and March 1977, 640 wells were selectively canvassed and 274 water levels were taken in the wells canvassed. Thirty-six water levels measured in March and April 1976 are recorded in this report. Descriptive data for water wells and water levels are recorded in table 1, and location of wells is shown on maps 1-23.

Additional data are on file in the Geological Survey, Water Resources Division office at 2800 Cottage Way, Sacramento, Calif.

CONVERSION FACTORS

For readers who may prefer to use metric units rather than English units, the conversion factors for the terms used in this report are listed below:

<i>English</i>	<i>Multiply by</i>	<i>Metric (SI)</i>
acres	4.047×10^{-3}	km ² (square kilometers)
ft (feet)	3.048×10^{-1}	m (meters)
hp (horsepower)	7.460×10^2	w (watts)
in (inches)	25.4	mm (millimeters)
m ² (square miles)	2.590	km ² (square kilometers)

EXPLANATION OF TABLE 1

State well number: The wells are identified according to their location in the rectangular system for the subdivision of public land. The identification consists of the township number, north or south; the range number, east or west; and the section number. The section is further subdivided into sixteen 40-acre tracts lettered consecutively (excepting I and O), beginning with A in the northeast corner of the section and progressing in a sinusoidal manner to R in the southeast corner. Wells within the 40-acre tract are numbered sequentially. The base line and meridian are indicated by the final letter, as follows: H, Humboldt; M, Mount Diablo; S, San Bernardino.

Owner: The apparent owner on the date indicated. AFB, Air Force Base; C.C., Country Club; DWR, California Department Water Resources; G.C., Gun Club; H.S., High School; LDS, Latter Day Saints; NAT., National; PACK., Packing; PUD, Public Utility District; R., Rodeo; W.D., Water District.

Use of water:

A Air conditioning
B Bottling
C Commercial
D Dewater
E Power
F Fire
H Domestic
I Irrigation
M Medicinal

N Industrial
P Public supply
R Recreation
S Stock
T Institution
U Unused
Y Desalination
Z Other

Use of site:

A Anode
D Drain
E Geothermal
G Seismic
H Heat reservoir
Ø Observation
M Mine
P Oil or gas well
R Recharge
S Repressurize
T Test
U Unused
W Withdrawal of water
X Waste disposal
Z Destroyed

Type of lift:

A Air lift
B Bucket
C Centrifugal pump
J Jet pump
P Piston pump

R Rotary pump
S Submergible pump
T Turbine pump
U Unknown
Z Other

Type of power:

D Diesel engine
E Electric motor
G Gasoline motor
H Hand
L LP gas (propane or butane engine)
N Natural gas engine
W Windmill
Z Other

Altitude of land-surface: Altitude of land-surface datum, in feet, above mean sea level. Land-surface datum is an arbitrary plane closely approximating land surface at the time of the first measurement and used as the plane of reference for all subsequent measurements.

Water level: Depth to water, in feet above(+) or below land-surface datum.
P, pumping; R, recently pumped; S, nearby pumping.

Table 1.--Description of wells

State well number	Owner	Use of water	Use of site	Type of lift	Type of power	Horse-power	Altitude of land surface	Water level	Date
15N/3E-24N1	--	I	W	T	E	20	62	--	--
24P2	--	I	W	T	E	25	63	--	--
25J1	--	I	W	T	E	15	60	33.76	3-9-77
25K2	--	I	W	T	E	--	57	31.56	3-9-77
25M1	--	U	U	--	--	--	56	20.70	3-9-77
25P2	--	I	W	T	E	50	60	--	--
35A2	--	I	W	T	E	50	61	--	--
35J1	--	I	W	T	E	40	57	29.74	3-9-77
36D1	DWR	U	Ø	--	--	--	57	20.44	3-9-77
36H1	--	I	W	T	E	20	57	R48.50	3-8-77
36J2	--	I	W	S	E	1.5	55	29.85	3-8-77
36M1	--	I	W	T	E	75	54	--	--
15N/4E- 3J3	DiGiorgio	U	U	T	E	75	88	--	--
3L1	DiGiorgio	I	W	T	E	40	89	R28.90	3-14-77
4R1	DiGiorgio	I	W	T	E	30	86	--	--
9G1	DiGiorgio	I	W	T	E	30	85	31.05	3-14-77
9L1	--	I	W	T	E	50	81	--	--
9R1	DiGiorgio	I	W	T	E	15	77	--	--
10A1	DiGiorgio	U	U	T	E	100	90	42.10	4-7-76
								36.98	3-14-77
10F2	DiGiorgio	I	W	T	E	40	81	33.70	3-14-77
10J1	--	I	W	T	E	30	79	--	--
10K1	--	U	U	T	E	50	86	--	--
10K2	--	I	W	T	E	10	88	39.62	3-14-77
10L1	DiGiorgio	H	W	T	E	30	86	--	--
10M1	DiGiorgio	I	W	T	E	40	80	33.51	3-14-77
10P1	DiGiorgio	U	U	T	E	75	80	39.95	3-14-77
10Q1	--	U	U	T	E	40	80	--	--
10R1	Willis, B.	I	W	T	E	25	78	34.16	4-8-76
								41.15	3-21-77
11E1	--	I	W	T	E	50	86	--	--
11K2	--	I	W	T	E	40	83	--	--
11K3	Nunes, T.	I	W	T	E	50	84	--	--
12L1	Nunes, T.	I	W	T	E	--	87	--	--
12N1	Nunes, T.	I	W	T	E	25	86	--	--
12P2	Nunes, T.	I	W	T	E	20	86	109.28	3-21-77

Table 1.--Description of wells--Continued

State well number	Owner	Use of water	Use of site	Type of lift	Type of power	Horse- power	Altitude of land surface	Water level	Date
15N/4E-13B2	--	I	W	--	--	--	86	58.69	3-21-77
13D1	Nunes, T.	I	W	T	E	20	84	--	--
13F1	LDS Church	U	U	--	--	--	85	568.50	3-22-77
13F2	LDS Church	I	W	T	E	20	85	--	--
13N1	--	I	W	T	E	40	80	69.90	3-22-77
14F1	--	I	W	T	E	25	89	50.90	3-21-77
14F2	--	I	W	T	E	40	83	64.07	3-21-77
14J2	Hamon, V.	I	W	T	E	40	80	66.25	3-22-77
14K1	Blair, E.	H	W	S	E	3	78	--	--
14N3	Willis, B.	I	W	T	E	20	79	--	--
15A2	--	I	W	T	E	40	77	44.38	3-21-77
15B1	--	I	W	T	E	20	77	45.20	3-21-77
15B2	--	I	W	T	E	40	77	44.20	3-21-77
15G1	--	I	W	T	E	20	76	51.46	3-21-77
15L2	--	U	U	T	E	20	80	--	--
15N1	Luis, T.	I	W	T	E	20	75	55.09	3-21-77
15P1	--	I	W	T	E	40	74	--	--
15Q1	--	U	U	--	--	--	74	54.76	3-21-77
15R1	--	I	W	T	E	25	69	56.99	3-21-77
15R2	--	I	W	T	E	40	74	--	--
16G1	DiGiorgio	I	W	T	E	75	75	41.77	3-14-77
16H1	DiGiorgio	U	U	T	E	100	80	45.00	3-14-77
16J1	--	I	W	T	E	75	70	--	--
16L1	--	I	W	T	E	50	75	37.72	3-9-77
16N3	--	I	W	T	E	20	75	--	--
16P1	PeachTree C.C.	I	W	T	E	100	69	--	--
16P3	--	I	W	T	E	30	74	44.79	3-14-77
17D1	Quinco	I	W	T	E	50	76	39.90	3-9-77
17G1	--	I	W	T	E	20	76	38.04	3-9-77
17J2	--	I	W	T	E	10	69	--	--
17J3	--	I	W	T	E	10	69	--	--
17J4	--	I	W	T	E	20	72	--	--
17L1	--	I	W	T	E	40	75	--	--
17M2	Quinco	I	W	T	E	40	74	--	--
17M3	Quinco	H	W	S	E	5	74	54.97 38.05	4-7-76 3-10-77
18J1	Quinco	I	W	T	E	25	71	--	--
18L1	--	U	U	--	--	--	70	37.25	3-10-77
18M1	--	I	W	T	E	25	70	38.50	3-10-77
18Q2	Rice, P.	I	W	T	E	30	67	--	--
18Q3	Rice, P.	I	W	T	E	30	67	--	--
19F1	--	I	W	T	E	5	66	39.75	3-10-77

Table 1.--Description of wells--Continued

State well number	Owner	Use of water	Use of site	Type of lift	Type of power	Horse-power	Altitude of land surface	Water level	Date
15N/4E-19G1	--	I	W	T	E	30	68	47.60	3-10-77
19J2	Speckert	H	W	S	E	--	69	46.77	3-9-77
19K1	--	I	W	T	E	15	64	48.70	3-10-77
19L1	Wilbur, R.	I	W	T	E	40	66	36.72	3-10-77
19N2	--	I	W	T	E	25	61	--	--
20A1	--	I	W	T	E	40	73	--	--
20B1	Peach Tree C.C.	U	U	--	--	--	70	41.15	3-10-77
20B2	Peach Tree C.C.	I	W	T	E	100	70	--	--
20C1	--	I	W	--	--	--	68	40.15	3-10-77
20D1	Quinco	U	U	--	--	--	71	36.88	3-10-77
20F1	--	I	W	T	E	15	71	42.99	3-9-77
20J1	Linda W.D.	P	W	T	E	60	65	--	--
20K4	Lantsbealer	H	W	S	E	--	70	--	--
20K5	Smith, C.	H	W	S	E	.5	70	--	--
20P2	--	I	W	T	E	15	67	--	--
21D1	Peach Tree C.C.	I	W	T	E	10	70	54.85	3-9-77
21D2	--	I	W	T	E	50	70	--	--
21F2	Barrow	I	W	T	E	40	70	57.15	3-21-77
21G1	Webb, H.	H	W	S	E	--	70	--	--
21G2	--	U	U	T	E	15	70	--	--
21J1	--	I	W	T	E	--	76	79.10	3-23-77
21J3	Starks, D.	H	W	S	E	1	80	--	--
21J4	--	U	U	--	--	--	70	73.40	3-23-77
21K1	McCann, G.	H	W	S	E	--	70	--	--
21K2	Mosier, G.	H	W	S	E	--	70	--	--
21P2	--	I	W	T	E	75	82	71.53	3-28-77
22E1	--	I	W	T	E	--	70	--	--
22M1	--	I	W	T	E	25	80	--	--
22P3	Webb, G.	H	W	S	E	--	68	--	--
22Q1	--	U	U	--	--	--	75	--	--
23A1	--	I	W	T	E	30	79	68.98	3-22-77
23H1	--	I	W	T	E	30	86	--	--
23K1	Colbert, T.	H	W	S	E	--	80	83.66	4-7-76
23K2	--	I	W	T	E	7.5	78	83.33	3-22-77
24A1	Beale AFB	P	W	T	E	150	86	--	--
24B1	Beale AFB	P	W	T	E	150	87.8	--	--
24C1	--	I	W	T	E	50	84	--	--
24E1	Bertelini, A.	H	W	S	E	--	95	--	--
24F1	--	I	W	T	E	60	81	86.20	3-22-77
24G1	Beale AFB	P	W	T	E	150	84.9	--	--
24H1	Beale AFB	P	W	T	E	150	81.3	--	--

Table 1.--Description of wells--Continued

State well number	Owner	Use of water	Use of site	Type of lift	Type of power	Horse- power	Altitude of land surface	Water level	Date
15N/4E-24K1	Beale AFB	P	W	T	E	250	82	--	--
24L1	--	I	W	T	E	60	82	92.28	3-22-77
24R1	Beale AFB	P	W	T	E	150	84	--	--
24R2	Beale AFB	P	W	T	E	150	82	--	--
25E1	--	T	W	T	E	40	78	97.10	3-29-77
25G1	--	I	W	T	E	40	75	102.25	3-29-77
25H2	--	I	W	T	E	40	81	--	--
25H3	--	I	W	T	E	40	82	--	--
25J1	--	I	W	T	E	40	78	--	--
25L1	--	I	W	T	E	50	78	108.04	3-29-77
25P1	--	I	W	T	E	40	76	--	--
26A1	--	I	W	T	E	50	76	--	--
26C1	Boardman, A.	I	W	T	E	50	77	--	--
26D1	Boardman, A.	I	W	T	E	30	75	--	--
26J1	--	I	W	T	E	30	78	--	--
26P1	--	I	W	T	E	50	72	101.27	3-29-77
26P2	--	I	W	T	E	50	72	--	--
27A1	--	I	W	T	E	25	82	89.95	3-29-77
27E2	--	I	W	S	E	--	69	--	--
27J1	--	I	W	T	E	50	69	100.20	3-28-77
27M1	Chipman, W.	H	W	S	E	2	68	68.66 72.69	4-1-76 3-28-77
28A1	--	I	W	T	E	50	70	P102.45	3-28-77
28D1	--	P	W	T	E	40	75	--	--
28J1	--	I	W	T	E	50	68	--	--
29A2	Linda W.D.	P	W	T	E	50	65	-	--
30B3	Diamond Nat.	N	W	T	E	25	65	--	--
30B4	--	I	W	T	E	20	64	--	--
30G3	Linda W.D.	P	W	T	N	--	63	--	--
30H2	Linda W.D.	P	W	T	E	--	59	--	--
30K1	Ash, C.	U	U	J	E	--	62	--	--
30L3	Lambert W.	H	W	J	E	--	58	29.97	4-1-76
31A1	Linda W.D.	P	W	T	E	75	59	--	--
31A2	Linda W.D.	P	W	T	N	--	59	--	--
31J1	Olivehurst PUD	P	W	T	E	--	62	--	--
32L2	Olivehurst PUD	P	W	T	E	--	64	--	--
33B1	Cantrell, J.	H	W	S	E	1	67	--	--
33B2	Cantrell, J.	I	W	T	E	30	67	71.25	2-9-77
33D2	--	I	W	T	E	40	66	--	--
33G1	--	I	W	T	E	50	64	--	--
33H2	Parret, V.	I	W	T	E	50	66	--	--
33H3	--	I	W	T	E	30	66	--	--

Table 1.--Description of wells--Continued

State well number	Owner	Use of water	Use of site	Type of lift	Type of power	Horse-power	Altitude of land surface	Water level	Date
15N/4E-33J1	--	I	W	T	E	60	66	--	--
33M1	--	I	W	T	E	40	63	--	--
33M2	--	I	W	T	E	60	60	66.75	2-9-77
34E1	Ruff, E.	I	W	T	E	50	66	65.85	4-1-76
								69.37	2-9-77
34E2	--	I	W	T	E	75	66	--	--
34N2	--	I	W	T	E	40	66	--	--
35A1	--	I	W	T	E	60	76	91.00	3-29-77
35G1	--	I	W	T	E	60	72	108.60	3-29-77
35L1	--	I	W	T	E	15	70	--	--
35P2	Clark, J.	I	W	T	E	7.5	70	--	--
15N/5E- 7B1	Brorsen, J.	I	W	T	E	60	100	--	--
7B2	--	I	W	T	E	75	106	--	--
7K1	--	I	W	T	E	60	98	--	--
19F1	Beale AFB	U	U	--	--	--	86.6	--	--
19L1	Beale AFB	P	W	T	E	--	86	--	--
29D1	Shackleford	I	W	T	E	5	102	--	--
30A1	Blair	I	W	S	E	10	101	121.64	3-29-77
30D1	Nichols, B.	H	W	S	E	--	85	--	--
30G1	--	I	W	T	E	40	82	118.44	3-28-77
30L1	--	I	W	T	E	75	81	--	--
30R1	--	U	U	--	--	--	87	108.40	3-28-77
30R2	--	I	W	T	E	40	87	--	--
31G1	--	U	U	--	--	--	77	114.70	3-28-77
31K1	--	I	W	T	E	50	81	117.50	3-28-77
32E1	--	I	W	T	E	75	79	117.50	3-28-77
32E2	--	I	W	T	E	75	86	119.06	3-28-77
14N/3E- 1H2	Leal, E.	H	W	S	E	1	54	42.09	3-23-76
								42.95	3-29-77
1H3	Leal, E.	I	W	T	E	40	54	--	--
IR1	Poldervarrt	I	W	T	E	25	53	44.27	3-1-77
12B1	Poldervarrt	I	W	T	E	25	53	--	--
12F1	--	I	W	T	E	15	51	--	--
12F2	--	I	W	T	E	--	52	43.45	3-1-77
12G1	Poldervarrt	S	W	T	E	5	50	57.64	3-23-76
12H1	Poldervarrt	I	W	T	E	30	54	45.20	3-1-77
12K1	Poldervarrt	I	W	T	E	25	53	46.35	3-1-77
12K2	--	I	W	T	E	20	52	65.70	3-1-77
12N1	--	I	W	T	E	30	49	38.40	3-1-77
12P1	--	I	W	T	E	25	51	48.20	3-1-77

Table 1.--Description of wells--Continued

State well number	Owner	Use of water	Use of site	Type of lift	Type of power	Horse-power	Altitude of land surface	Water level	Date
14N/3E-12Q4	Morgan, C.	U	U	--	--	--	51	--	--
12Q5	--	I	W	T	E	25	51	--	--
12R1	--	I	W	T	E	25	52	53.10	3-1-77
13A1	--	I	W	T	E	20	49	--	--
13F1	DiGiorgio	I	W	T	E	50	50	43.60	3-1-77
13F2	DiGiorgio	I	W	T	E	30	48	43.73	3-2-77
13G1	DiGiorgio	H	W	S	E	--	51	61.75	3-23-76
								37.70	3-2-77
13G2	Watts, C.	I	W	T	E	15	50	67.26	3-23-76
								46.96	3-2-77
13G3	--	I	W	T	E	20	51	49.61	3-2-77
13K1	DiGiorgio	I	W	T	E	30	50	--	--
13K2	--	I	W	T	E	40	48	--	--
13L1	DiGiorgio	H	W	T	E	15	50	--	--
13M1	DiGiorgio	I	W	T	E	100	46	--	--
13N1	DiGiorgio	I	W	T	E	60	45	35.85	3-2-77
13Q1	--	U	U	T	E	--	47	--	--
13Q2	--	I	W	T	E	--	47	--	--
14G1	DiGiorgio	I	W	T	D	--	45	--	--
14H2	DiGiorgio	I	W	T	E	60	50	--	--
14R1	DiGiorgio	I	W	T	E	30	47	34.90	3-2-77
23H1	DiGiorgio	I	W	--	--	--	41	27.90	3-2-77
24A1	--	I	W	T	E	25	47	45.03	3-2-77
24B3	--	U	U	--	--	--	47	38.23	3-3-77
24B4	--	I	W	T	E	30	49	39.53	3-3-77
24E1	DiGiorgio	I	W	T	E	75	42	29.50	3-3-77
24F1	DiGiorgio	I	W	T	E	5	45	--	--
24G1	Cooper, T.	I	W	T	E	--	47	38.25	3-3-77
24H2	--	I	W	T	E	15	48	--	--
24K3	--	I	W	T	E	20	47	--	--
24L1	--	I	W	T	E	25	46	33.92	3-3-77
24Q2	--	I	W	T	E	25	46	--	--
24R2	--	I	W	T	E	20	47	--	--
25A3	--	I	W	T	E	20	44	--	--
25B2	--	I	W	T	E	15	46	30.30	3-3-77
25B3	--	I	W	T	E	15	46	--	--
25D2	--	I	W	T	E	25	33	17.07	3-3-77
25F1	--	I	W	T	E	25	45	--	--
25G2	--	I	W	T	E	20	44	--	--
25H2	--	U	U	T	E	15	43	--	--
25J3	--	I	W	T	E	15	43	--	--
25K1	Mariner, C.	I	W	T	E	10	44	--	--

Table 1.--Description of wells--Continued

State well number	Owner	Use of water	Use of site	Type of lift	Type of power	Horse-power	Altitude of land surface	Water level	Date
14N/3E-25K3	Mariner, C.	H	W	S	E	1	44	36.40	3-23-76
								31.63	3-3-77
25K5	--	I	W	T	E	20	47	37.15	3-8-77
25N1	--	I	W	T	E	10	44	23.70	3-8-77
25N2	Speckert	I	W	T	E	40	44	--	--
25P1	Mayfair Pack.	I	W	T	E	75	44	26.28	3-8-77
25Q1	Mayfair Pack.	I	W	T	E	15	41	--	--
25R1	Mayfair Pack.	I	W	T	E	25	44	--	--
25R3	Mayfair Pack.	I	W	T	E	20	44	35.95	3-8-77
26A1	--	I	W	T	E	15	46	--	--
26H1	--	I	W	T	E	7.5	45	--	--
26J1	--	I	W	T	E	5	46	P28.20	3-8-77
36H1	--	I	W	T	E	10	35	28.52	3-8-77
36H2	--	I	W	T	E	20	33	13.46	3-8-77
36H3	--	I	W	T	E	15	41	27.18	3-8-77
36R1	Rouse, D.	I	W	T	E	15	47	--	--
14N/4E- 1G1	Staas, R.	I	W	T	E	40	71	--	--
1H1	--	I	W	T	E	60	75	--	--
1N1	Staas, R.	I	W	T	E	40	71	98.60	2-7-77
1P1	Staas, R.	S	W	S	E	--	71	98.30	3-23-76
								105.67	2-7-77
2A2	--	I	W	T	E	30	71	--	--
2C1	Thorton, J.	H	W	S	E	3	70	90.45	3-23-76
2F3	--	I	W	T	E	20	70	80.63	2-8-77
2L1	Jamison, L.	H	W	S	E	3	62	67.40	3-23-76
								78.20	2-8-77
2M1	Sams, J.	U	U	--	--	--	60	--	--
2Q1	Finley, P.	H	W	S	E	--	65	--	--
2R2	Staas, R.	H	W	S	E	3	66	95.10	2-7-77
2R3	Staas, R.	H	W	S	E	--	66	83.74	2-7-77
3H1	--	I	W	T	E	15	70	87.80	2-8-77
3L1	--	I	W	T	E	50	63	77.10	2-8-77
4C2	--	I	W	T	E	50	63	68.00	2-9-77
4J1	--	I	W	T	E	40	65	78.02	2-8-77
4N1	--	I	W	T	E	40	64	77.23	3-24-76
								75.81	2-24-77
5C2	Olivehurst PUD	P	W	T	N	--	63	--	--
5D2	--	I	W	T	E	15	63	--	--
5J2	Olivehurst PUD	P	W	T	E	30	62	--	--
5P1	Olivehurst PUD	P	W	T	E	--	58	--	--

Table 1.--Description of wells--Continued

State well number	Owner	Use of water	Use of site	Type of lift	Type of power	Horse- power	Altitude of land surface	Water level	Date
14N/4E- 6M2	--	I	W	T	E	40	54	49.30	2-29-77
6N1	--	I	W	T	E	--	53	46.15	2-29-77
7A2	--	I	W	T	E	30	57	--	--
7A3	--	U	Z	--	--	--	57	--	--
7C1	Smith, F.	I	W	T	E	15	54	43.95	2-24-77
7C2	--	I	W	T	E	3	53	--	--
7C3	--	I	W	T	E	5	53	--	--
7C4	--	I	W	T	E	5	53	--	--
7D2	--	I	W	T	E	7.5	54	47.96	2-29-77
7E1	--	I	W	T	E	7.5	53	--	--
7G1	Davis	H	W	S	E	--	54	55.39	3-23-76
								48.46	2-24-77
7G2	--	H	W	S	E	--	54	--	--
7H2	--	H	W	S	E	.5	54	49.70	3-23-76
7J1	--	I	W	T	E	50	53	--	--
7L1	--	I	W	T	E	20	53	--	--
7N2	--	S	W	S	E	--	52	41.70	2-24-77
8C2	--	I	W	T	E	30	61	62.37	2-29-77
8D2	--	I	W	T	E	25	57	54.70	2-29-77
8G1	Olivehurst PUD	P	W	T	--	--	60	--	--
8J1	Ryan	H	W	S	E	1	60	--	--
8K1	Shaw, M.	H	W	S	E	--	58	59.18	3-24-76
8K2	--	I	W	T	E	20	57	60.58	2-17-77
8M1	--	U	U	--	--	--	56	55.54	2-22-77
8Q1	Williams, C.	H	W	S	E	1.5	59	68.68	3-23-76
9A1	--	I	W	T	E	30	64	72.08	2-8-77
9F2	Olivehurst PUD	P	W	T	E	100	57	--	--
9G1	Boyd, R.	U	U	--	--	--	65	72.94	3-24-76
9H1	Muzik, D.	H	W	S	E	--	62	--	--
9K2	Loftis, C.	H	W	S	E	--	60	--	--
9P1	Sanderson	I	W	T	E	7.5	62	--	--
9Q2	Jones, D.	I	W	T	E	15	61	--	--
9R1	--	I	W	T	E	25	50	62.17	2-9-77
9R2	Freeze, S.	I	W	T	E	15	56	--	--
10Q1	--	I	W	T	E	15	60	--	--
11C3	--	I	W	T	E	50	67	-	--
11C4	--	H	W	T	E	5	66	88.24	2-8-77
11F1	--	I	W	T	E	40	66	89.78	2-8-77
11H1	--	I	W	T	E	40	71	121.68	2-3-77
11J1	--	I	W	T	E	30	70	110.90	2-3-77
11P1	--	I	W	T	E	40	67	106.90	2-1-77
12A2	--	I	W	T	E	40	76	101.10	2-8-77

Table 1.--Description of wells--Continued

State well number	Owner	Use of water	Use of site	Type of lift	Type of power	Horse-power	Altitude of land surface	Water level	Date
14N/4E-12B2	--	I	W	T	E	50	77	107.88	2-7-77
12E1	--	I	W	T	E	25	71	--	--
12P1	--	I	W	T	E	30	78	--	--
12R2	Peri, R.	I	W	T	E	30	76	--	--
13B1	--	I	W	T	E	40	76	--	--
13C1	--	I	W	T	E	50	71	96.37	2-2-77
13H1	Murray, R.	I	W	T	E	50	78	--	--
13M1	Johnson, J.	H	W	S	E	--	65	--	--
13P1	--	I	W	T	E	30	73	--	--
13R1	--	I	W	T	E	50	82	--	--
13R3	Double J Ranch	I	W	T	E	60	78	--	--
14D1	--	I	W	T	E	30	66	--	--
14H1	Blackford	N	W	T	E	20	67	--	--
14R2	--	I	W	T	E	50	70	--	--
15C6	--	I	W	T	E	50	60	--	--
15D3	Marysville Meat Co.	N	W	T	E	15	55	50.27 65.60	3-24-76 2-9-77
15K1	Golden State R.	I	W	T	E	25	60	--	--
15L2	--	I	W	T	E	25	61	79.47	2-9-77
15L3	--	I	W	T	E	40	62	--	--
16A1	--	I	W	T	E	25	50	60.28	2-9-77
17B1	--	I	W	T	E	40	57	--	--
17D3	--	U	U	--	--	--	54	58.24	2-22-77
17E1	Sandgren, C.	H	W	S	E	--	54	--	--
17G1	Clivehurst PUD	P	W	T	E	40	58	64.45	2-22-77
17K1	--	I	W	T	E	30	55	57.92	2-16-77
17L1	--	I	W	T	E	15	55	55.13	2-22-77
17L2	--	I	W	T	E	--	55	--	--
17N1	Evans, F.	I	W	T	E	7.5	54	--	--
17P2	--	I	W	T	E	10	55	--	--
17P3	--	I	W	T	E	10	53	55.84	2-17-77
17R1	--	I	W	T	E	15	56	57.06	2-17-77
18A1	--	U	U	--	--	--	54	53.85	2-22-77
18B1	--	I	W	T	E	40	52	46.83	2-22-77
18D1	--	I	W	T	E	40	50	42.70	2-22-77
18G1	--	U	U	--	--	--	53	48.90	2-22-77
18J1	--	I	W	T	E	7.5	55	--	--
18J2	--	I	W	T	E	40	54	--	--
18J3	--	U	U	--	--	--	54	--	--
18L1	--	U	U	--	--	--	50	44.80	2-22-77
18R1	--	U	U	--	--	--	54	54.71	2-17-77
19A1	--	I	W	T	E	30	54	--	--

Table 1.--Description of wells--Continued

State well number	Owner	Use of water	Use of site	Type of lift	Type of power	Horse-power	Altitude of land surface	Water level	Date
14N/4E-19B1	--	I	W	T	E	20	49	--	--
19F1	Lowe, R.	I	W	T	E	10	52	--	--
19F2	--	I	W	T	E	10	46	--	--
19G2	Perry, L.	I	W	T	E	7.5	50	52.77	2-17-77
19H1	--	I	W	T	E	30	51	--	--
19H2	--	I	W	T	E	15	53	53.05	2-17-77
19M1	--	I	W	T	E	15	46	52.46	2-16-77
19N1	--	I	W	T	E	15	46	--	--
19R1	Oharis, J.	H	W	S	E	--	50	54.81	3-24-76
								49.13	2-16-77
19R2	--	I	W	T	E	15	48	50.36	2-16-77
19R3	--	I	W	T	E	10	50	--	--
20A1	--	H	W	J	E	2	55	58.60	2-16-77
20A2	--	I	W	T	E	15	55	54.55	2-17-77
20B1	Carter, B.	I	W	T	E	7.5	55	57.15	2-17-77
20C1	--	I	W	T	E	5	55	57.20	2-16-77
20E2	--	I	W	T	E	7.5	54	--	--
20E3	--	U	U	T	E	5	54	--	--
20F1	Paulsen, E.	H	W	S	E	--	53	58.84	3-24-76
20G1	Sorenson, D.	H	W	S	E	--	50	56.68	3-24-76
								56.40	2-16-77
20G2	--	I	W	T	E	15	50	86.41	2-16-77
20G3	--	U	U	T	E	30	45	43.95	2-16-77
20L1	--	I	W	T	E	20	53	--	--
20M2	--	I	W	T	E	40	51	--	--
20N1	--	I	W	T	E	50	51	--	--
20P1	--	I	W	T	E	50	44	44.66	2-16-77
21B1	Shuster	I	W	T	E	30	60	--	--
22C1	--	I	W	T	E	15	55	68.92	2-16-77
22F4	Hoffman, F.	I	W	T	E	50	61	83.76	2-9-77
22P1	Hoffman, F.	I	W	T	E	50	62	--	--
23B1	--	I	W	T	E	40	71	110.15	2-2-77
23F1	Hoffman, F.	I	W	T	E	40	70	85.4	2-14-77
23F2	Hoffman, F.	I	W	T	E	40	71	88.22	2-14-77
24B2	--	I	W	T	E	30	74	--	--
24F1	--	I	W	T	E	30	73	114.00	2-2-77
24H2	Zuissig Dairy	S	W	T	E	25	105	132.68	2-2-77
24H3	--	I	W	T	E	50	85	--	--
24K2	--	I	W	T	E	25	74	101.50	2-2-77
24M2	--	I	W	T	E	50	70	--	--
24P1	--	I	W	T	E	50	72	109.30	2-2-77
24R1	Staas, W.	H	W	S	E	1	76	--	--

Table 1.--Description of wells--Continued

State well number	Owner	Use of water	Use of site	Type of lift	Type of power	Horse- power	Altitude of land surface	Water level	Date
14N/4E-24R2	--	I	W	T	E	--	76	107.70	2-2-77
25D1	Jensen, J.	I	W	T	E	50	68	--	--
25N1	--	I	W	T	E	25	70	--	--
27C1	Hoffman, F.	I	W	T	E	--	63	70.60	2-14-77
27E1	Hoffman, F.	I	W	T	E	40	55	--	--
27L2	Hoffman, F.	I	W	T	E	40	62	73.80	2-9-77
28G1	Hoffman, F.	I	W	T	E	50	54	72.90	2-14-77
28R2	Hoffman, F.	I	W	T	E	40	56	74.05	2-14-77
28R3	Hoffman, F.	I	W	T	E	40	57	73.19	2-14-77
29E1	Marysville G.C.	I	W	T	E	30	39	44.53	2-15-77
29L1	--	I	W	T	E	30	41	75.25	2-15-77
29Q1	--	I	W	T	E	15	50	48.20	2-15-77
29R2	--	I	W	T	E	5	50	--	--
30D1	--	I	W	T	E	25	46	--	--
30F1	--	I	W	T	E	15	45	--	--
30H1	Layman, J.	H	W	--	E	--	44	--	--
30H2	Marysville G.C.	I	W	T	E	30	45	43.60	2-15-77
30H3	Marysville G.C.	I	W	T	E	40	40	36.55	2-15-77
30K1	--	I	W	T	E	25	45	--	--
30L1	--	I	W	T	E	15	45	51.59	2-15-77
30L2	--	I	W	T	E	15	45	60.30	2-15-77
30M2	Heir, S.	H	W	J	E	1	45	--	--
30N2	--	I	W	T	E	--	46	--	--
30P1	--	I	W	T	E	30	43	--	--
30R1	--	I	W	T	E	15	40	--	--
31D1	--	I	W	T	E	10	41	31.50	2-15-77
31E2	--	I	W	T	E	15	41	34.85	2-15-77
31M1	--	I	W	T	E	15	45	--	--
32A1	--	I	W	T	E	30	49	--	--
32C1	--	I	W	T	E	--	50	--	--
32F1	Gardner, H.	H	W	S	E	.5	50	37.82 41.72	3-3-76 2-15-77
33B2	--	I	W	T	E	--	56	--	--
33C2	--	I	W	T	E	20	55	--	--
33K2	Blue Bird G.C.	I	W	T	E	30	52	55.17	3-25-76
33R1	Frach, Inc.	I	W	T	E	20	56	--	--
33R2	Frach, Inc.	I	W	T	E	20	55	--	--
34B1	--	I	W	T	E	15	64	--	--
35A1	--	I	W	T	E	50	68	--	--
35E1	--	I	W	T	E	40	66	--	--
35H1	--	I	W	T	E	60	68	98.24	12-21-76
35K2	--	I	W	T	E	50	67	--	--

Table 1.--Description of wells--Continued

State well number	Owner	Use of water	Use of site	Type of lift	Type of power	Horse- power	Altitude of land surface	Water level	Date
14N/4E-35N1	--	I	W	T	E	50	64	--	--
35P1	--	I	W	T	E	50	66	--	--
36C1	--	I	W	T	E	50	72	--	--
36G3	Weststeyn, J.	I	W	T	E	50	71	--	--
36F1	--	I	W	T	E	50	70	--	--
36P1	--	I	W	T	E	20	67	--	--
36Q1	--	I	W	T	E	20	66	113.65	12-21-76
14N/5E-4D1	Boccardo, J.	I	W	--	--	--	93	118.89	2-3-77
5B2	Boccardo, J.	I	W	T	E	50	85	114.62	2-3-77
5F1	Boccardo, J.	I	W	T	E	40	82	--	--
5H2	Boccardo, J.	I	W	T	E	30	86	113.27	2-3-77
6B1	Boccardo, J.	I	W	T	E	50	78	--	--
6G1	Boccardo, J.	I	W	T	E	25	78	--	--
6K1	--	I	W	T	E	50	75	117.29	2-3-77
7A1	--	I	W	T	E	40	83	--	--
7B1	--	I	W	T	E	50	81	--	--
7L1	Melindy, M.	H	W	S	E	5	100	153.35	2-1-77
7P1	Melindy, M.	I	W	T	E	40	84	--	--
7R1	--	I		T	E	40	82	--	--
8B1	--	U	U	--	--	--	86	117.63	2-1-77
8N1	--	I	W	T	E	100	83	117.23	2-1-77
8Q1	Boccardo, J.	I	W	T	E	30	85	--	--
8R1	--	I	W	T	E	30	90	--	--
9F1	Beale AFB	H	W	T	E	50	94	--	--
9N1	--	I	W	T	E	75	91	--	--
9P1	--	I	W	T	E	40	100	119.65	1-25-77
12N1	Lawson, L.	H	W	S	E	3	120	--	--
13C1	--	I	W	T	E	30	121	--	--
13J1	Monroy	H	W	S	E	1	161	58.90	12-29-76
13N1	--	H	W	T	E	--	110	25.36	1-19-77
15B1	--	I	W	T	E	30	108	123.20	1-25-77
15C1	Townsend, J.	I	W	T	E	50	108	--	--
15D3	--	I	W	T	E	50	106	129.40	1-25-77
16C2	--	I	W	T	E	40	100	115.85	1-25-77
16F1	--	I	W	T	E	--	97	--	--
16M1	--	I	W	T	E	60	90	127.35	1-25-77
16P1	Middleton, W.	H	W	S	E	--	95	109.84	3-30-76
								137.30	1-25-77
16Q1	Townsend, J.	H	W	S	E	--	100	118.70	4-1-76
								136.88	1-25-77
16Q2	--	I	W	T	E	75	95	133.60	1-19-77
17L1	--	I	W	T	E	50	86	116.10	2-3-77
17N1	Bradshaw, J.	I	W	T	E	30	90	--	--

Table 1.--Description of wells--Continued

State well number	Owner	Use of water	Use of site	Type of lift	Type of power	Horse- power	Altitude of land surface	Water level	Date
14N/5E-18A1	--	I	W	T	E	40	86	--	--
18G3	--	I	W	T	E	30	91	--	--
18J1	--	I	W	T	E	50	85	--	--
19H1	--	I	W	T	E	50	85	128.45	2-1-77
19N'	Garcia, A.	I	W	S	E	25	79	--	--
19P1	Garcia, J.	H	W	S	E	--	79	99.08	3-30-76
								102.95	1-27-77
19Q1	Anderson, L.	H	W	--	E	--	90	--	--
20A1	--	I	W	T	E	50	89	--	--
20H1	--	I	W	T	E	60	92	--	--
20N1	--	I	W	T	E	50	82		
20P1	--	I	W	T	E	50	86	--	--
20P2	--	I	W	T	E	50	86	--	--
20Q1	--	I	W	T	E	40	86	--	--
21A2	--	I	W	T	E	50	97	--	--
21C2	--	I	W	T	E	50	94	--	--
21K1	Waltz, P.	I	W	T	E	50	93	115.45	1-26-77
21M1	Waltz, D.	I	W	T	E	50	89	117.90	1-26-77
21P1	Waltz, D.	I	W	T	E	50	91	116.35	1-26-77
21R2	Waltz, D.	I	W	T	E	75	93	--	--
22D1	--	I	W	T	E	60	97	117.30	1-19-77
22E1	--	I	W	T	E	50	101	121.54	1-19-77
22M2	Bechtel, J.	I	W	T	E	60	96	79.10	1-19-77
22P1	--	I	W	T	E	--	97	--	--
23P1	--	I	W	T	E	30	96	92.35	1-19-77
26D1	--	I	W	T	E	60	93	99.50	1-19-77
27M1	Waltz, D.	H	W	S	E	2	88	86.00	3-30-76
								92.50	1-26-77
27N2	--	I	W	T	E	50	84	69.20	1-26-77
27N3	--	I	W	T	E	15	86	82.45	1-26-77
27Q1	--	I	W	T	E	20	87	82.85	1-19-77
27Q2	--	I	W	T	E	15	86	94.24	1-19-77
28A1	Waltz, D.	I	W	T	E	50	93	110.85	1-26-77
28D1	--	I	W	T	E	50	89	--	--
28M2	--	I	W	T	E	40	87	--	--
28Q1	Blackford	I	W	T	E	40	84	--	--
29K1	--	I	W	T	E	30	81	--	--
29Q1	--	I	W	T	E	30	81	--	--
30H1	--	I	W	T	E	40	78	100.00	1-27-77
30J2	--	I	W	T	E	50	78	--	--
30K1	--	I	W	T	E	--	76	90.75	12-21-76
30M1	--	I	W	T	E	60	74	--	--
30R1	--	I	W	T	E	20	75	93.40	12-21-76

Table 1.--Description of wells--Continued

State well number	Owner	Use of water	Use of site	Type of lift	Type of power	Horse- power	Altitude of land surface	Water level	Date
14N/5E-31A2	Deels, C.	H	W	S	E	1	76	65.20	3-30-76
31F2	Ross, J.	H	W	S	E	2	72	--	--
32E1	--	I	W	T	E	15	76	--	--
32E2	--	I	W	T	E	30	70	--	--
32F2	--	I	W	T	E	15	70	--	--
32K1	Sohrakoff, J.	I	W	T	E	40	65	64.60	12-22-76
32P1	Sohrakoff, J.	I	W	T	E	25	66	72.60	12-22-76
32R2	--	I	W	T	E	30	72	--	--
32R3	Wheatland	P	W	T	E	50	73	--	--
33D1	Nichols	I	W	T	E	50	76	--	--
33K1	Nichols	I	W	T	E	40	75	--	--
33N1	--	I	W	T	E	40	75	--	--
34E1	Nichols	I	W	T	E	40	85	70.12	1-27-77
34F2	--	I	W	T	E	50	90	--	--
34N1	--	H	W	T	E	10	100	--	--
35D1	Damon, S.	H	W	T	E	--	100	--	--
14N/6E-18C1	--	H	W	J	E	1	175	23.25	12-29-76
18D1	--	H	W	J	E	2	205	51.05	12-29-76
13N/4E-1L1	Norene, R.	I	W	T	E	25	59	--	--
2C1	--	U	U	--	--	--	65	68.90	12-20-76
2E1	--	I	W	T	E	40	63	--	--
2F1	--	I	W	T	E	40	65	--	--
2H1	--	I	W	T	E	40	65	--	--
2K2	Lomis, J.	I	W	T	E	20	66	--	--
2P1	--	I	W	T	E	30	65	--	--
3E2	--	I	W	T	E	40	63	63.15	12-20-76
3G2	--	I	W	T	E	40	56	64.30	12-20-76
3N1	Frach, Inc.	I	W	T	E	50	52	--	--
3N2	Frach, Inc.	I	W	T	E	25	56	--	--
3N3	Frach, Inc.	I	W	T	E	30	56	63.50	12-20-76
3R1	--	I	W	T	E	30	61	65.10	12-20-76
4F1	Frach, Inc.	U	U	T	E	15	51	--	--
4H2	Frach, Inc.	I	W	T	E	40	56	62.75	12-20-76
4J3	Frach, Inc.	I	W	T	E	20	56	--	--
4K1	Frach, Inc.	I	W	T	E	40	51	53.25	12-20-76
5J1	--	I	W	T	E	30	43	45.95	1-18-77
5K1	--	I	W	T	E	30	42	40.75	1-18-77
5M1	--	I	W	T	E	30	43	--	--
6B1	Vina Lands	I	W	T	E	5	43	--	--
6C1	--	I	W	T	E	5	44	--	--
6M1	Mayfair Farms	N	W	S	E	7.5	45	18.80	3- 4-76
								19.85	1-17-77

Table 1.--Description of wells--Continued

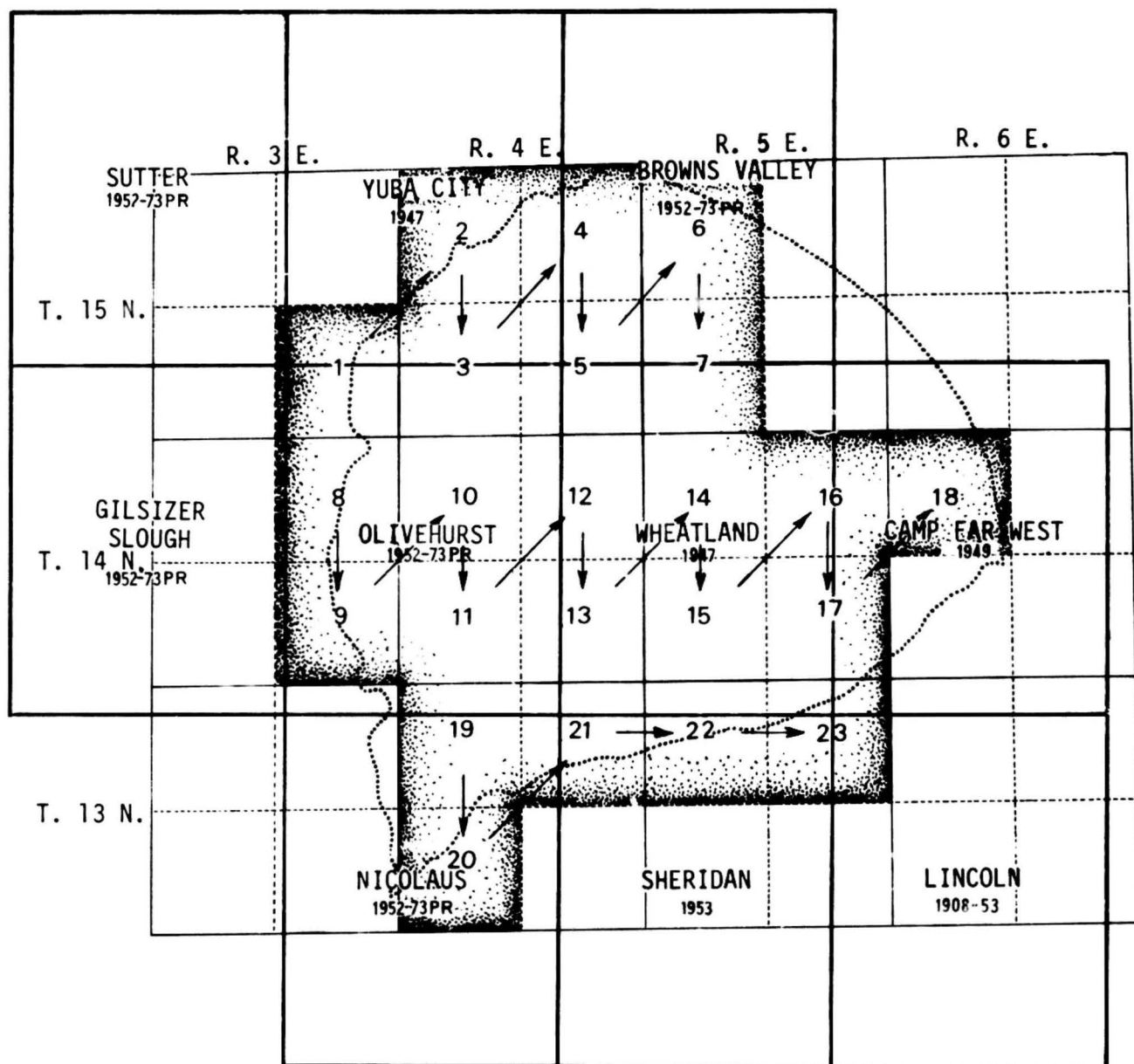
State well number	Owner	Use of water	Use of site	Type of lift	Type of power	Horse- power	Altitude of land surface	Water level	Date
13N/4E- 7F1	--	I	W	T	E	20	44	17.30	1-17-77
8A1	--	I	W	T	E	20	43	--	--
8B1	--	U	U	--	--	--	40	30.80	1-17-77
8E1	--	I	W	T	E	50	40	30.75	1-18-77
8H1	--	I	W	T	E	20	42	--	--
8M1	--	I	W	T	E	30	40	32.05	1-18-77
9M1	--	I	W	T	E	20	44	--	--
10D1	Frach, Inc.	I	W	T	E	--	52	50.70	12-20-76
10D2	Frach, Inc.	I	W	T	E	50	52	--	--
11H1	--	I	W	T	E	30	54	--	--
11H2	--	I	W	T	E	30	62	--	--
11J1	--	I	W	T	E	30	62	--	--
11L1	--	I	W	T	E	40	55	--	--
11R1	--	I	W	T	E	40	59	--	--
12B1	--	I	W	T	E	--	63	--	--
12D2	--	I	W	T	E	30	54	--	--
12G2	--	I	W	T	E	50	64	--	--
12H2	Jaks	I	W	T	E	--	67	--	--
12H4	Jaks	H	W	T	E	7.5	67	--	--
12H5	--	I	W	T	E	--	68	--	--
12H7	--	I	W	T	E	50	66	--	--
12K2	--	U	U	T	E	15	69	--	--
12K3	Warren, W.	H	W	T	E	7.5	72	--	--
12K4	--	I	W	T	E	50	68	--	--
12L3	--	I	W	T	E	50	66	--	--
16E1	--	I	W	T	E	25	45	33.60	1-18-77
17D1	--	I	W	T	E	--	40	--	--
17J1	--	I	W	T	E	30	44	--	--
17L1	--	I	W	T	E	30	43	29.60	1-17-77
17N1	--	I	W	T	E	30	42	--	--
17P2	--	I	W	T	E	15	40	--	--
19A1	--	I	W	T	E	30	40	--	--
19D1	--	I	W	T	E	50	34	14.00	1-17-77
19J1	--	I	W	T	E	30	36	--	--
19Q3	--	I	W	T	E	25	40	--	--
20B4	--	I	W	T	E	--	44	--	--
20F2	--	I	W	T	E	20	40	24.20	1-17-77
20G3	--	I	W	T	E	25	40	--	--
20L1	--	I	W	T	E	30	40	22.25	1-17-77

Table 1.--Description of wells--Continued

State well number	Owner	Use of water	Use of site	Type of lift	Type of power	Horse- power	Altitude of land surface	Water level	Date
13N/5E- 3M1	--	I	W	T	E	20	83	38.15	12-22-76
3P1	--	I	W	T	E	15	86	--	--
4B2	Wheatland	P	W	T	E	75	86	--	--
4C2	Wheatland	P	W	T	E	50	81	--	--
4E1	Wheatland H.S.	H	W	T	E	40	85	--	--
4J4	--	I	W	T	E	20	78	--	--
4J5	--	I	W	T	E	--	79	--	--
4R1	--	I	W	T	E	30	82	--	--
5B2	Schrakoff, J.	H	W	S	E	.5	70	59.70 57.80	3-30-76 12-22-76
5B3	Schrakoff, J.	I	W	T	E	15	70	61.55	12-22-76
5C3	--	I	W	T	E	20	67	--	--
5D2	--	I	W	T	E	20	65	--	--
5F1	Damron, C.	H	W	S	E	--	70	--	--
5G1	Coker, E.	H	W	S	E	1	72	56.70	3-30-76
5G2	Schrakoff, J.	H	W	S	E	1	72	56.30 57.05	3-30-76 12-22-76
5H1	--	I	W	T	E	7.5	76	58.10	12-22-76
5L3	--	I	W	T	E	15	73	--	--
5L4	--	I	W	T	E	15	80	--	--
5R1	--	I	W	T	E	--	70	--	--
6E3	--	I	W	T	E	40	61	--	--
6H1	--	I	W	T	E	25	66	--	--
6J2	--	I	W	T	E	30	65	--	--
6K1	--	I	W	T	E	30	64	59.50	12-23-76
6K2	--	I	W	T	E	40	66	58.16	12-23-76
6M1	--	I	W	T	E	40	63	--	--
6P1	--	I	W	T	E	40	65	57.10	12-23-76
6R1	--	U	U	T	E	25	63	--	--
6R2	--	I	W	T	E	10	65	--	--
6R3	--	U	U	--	--	--	71	40.60	12-29-76
7B1	--	I	W	T	E	30	72	59.10	12-23-76
7C1	--	I	W	T	E	30	66	--	--
7D1	--	I	W	T	E	50	66	65.00	12-23-76
7E1	--	I	W	T	E	30	68	57.66	12-23-76
7G1	--	I	W	T	E	30	76	63.95	12-29-76
7H1	--	I	W	T	E	40	75	--	--
7H4	--	I	W	T	E	40	76	--	--
7L3	--	I	W	T	E	40	76	--	--
7M1	--	I	W	T	E	20	72	--	--
8B1	Stineman	H	W	S	E	5	72	39.90	12-29-76
8D1	--	I	W	T	E	30	73	52.80	12-29-76

Table 1.--*Description of wells*--Continued

State well number	Owner	Use of water	Use of site	Type of lift	Type of power	Horse- power	Altitude of land surface	Water level	Date
13N/5E- 8G1	Stineman	I	W	T	E	25	76	59.45	12-29-76
9D2	--	I	W	T	E	30	75	--	--
9D3	--	I	W	T	E	30	74	--	--
9D4	--	I	W	T	E	30	76	--	--

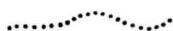


0 5 10 MILES

EXPLANATION



Boundary of quarter townships containing wells referred to in this report



Boundary of study area

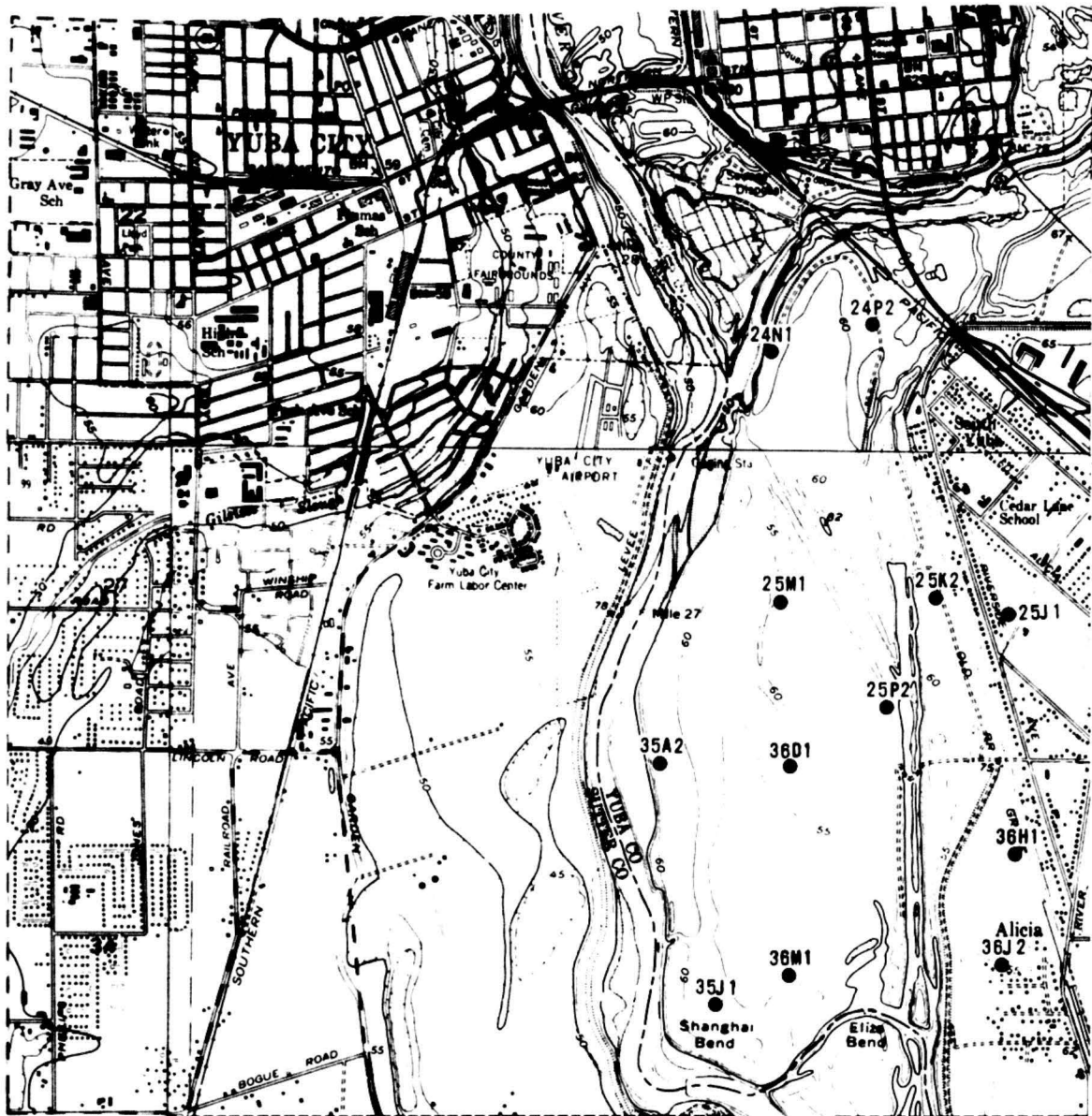
Number in quarter townships is map number.
Arrows indicate sequence of map numbering

FIGURE 3.--Index to quarter-townships referred to in this report and their location in relation to the indicated U.S. Geological Survey topographic maps, 7½-minute series.

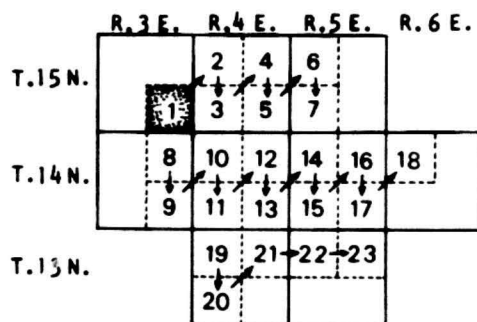
Table 2.--*Index to quarter-township maps*

[Map numbers correspond to small index maps on maps 1-23]

Township/Range	Quarter	Map number
15N/3E	SE	1
15N/4E	NW	2
15N/4E	SW	3
15N/4E	NE	4
15N/4E	SE	5
15N/5E	NW	6
15N/5E	SW	7
14N/3E	NE	8
14N/3E	SE	9
14N/4E	NW	10
14N/4E	SW	11
14N/4E	NE	12
14N/4E	SL	13
14N/5E	NW	14
14N/5E	SW	15
14N/5E	NE	16
14N/5E	SE	17
14N/6E	NW	18
13N/4E	NW	19
13N/4E	SW	20
13N/4E	NE	21
13N/5E	NW	22
13N/5E	NE	23



Well numbers in land grants are based on section lines projected by the California Department of Water Resources. Projected section lines are not shown.

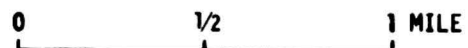


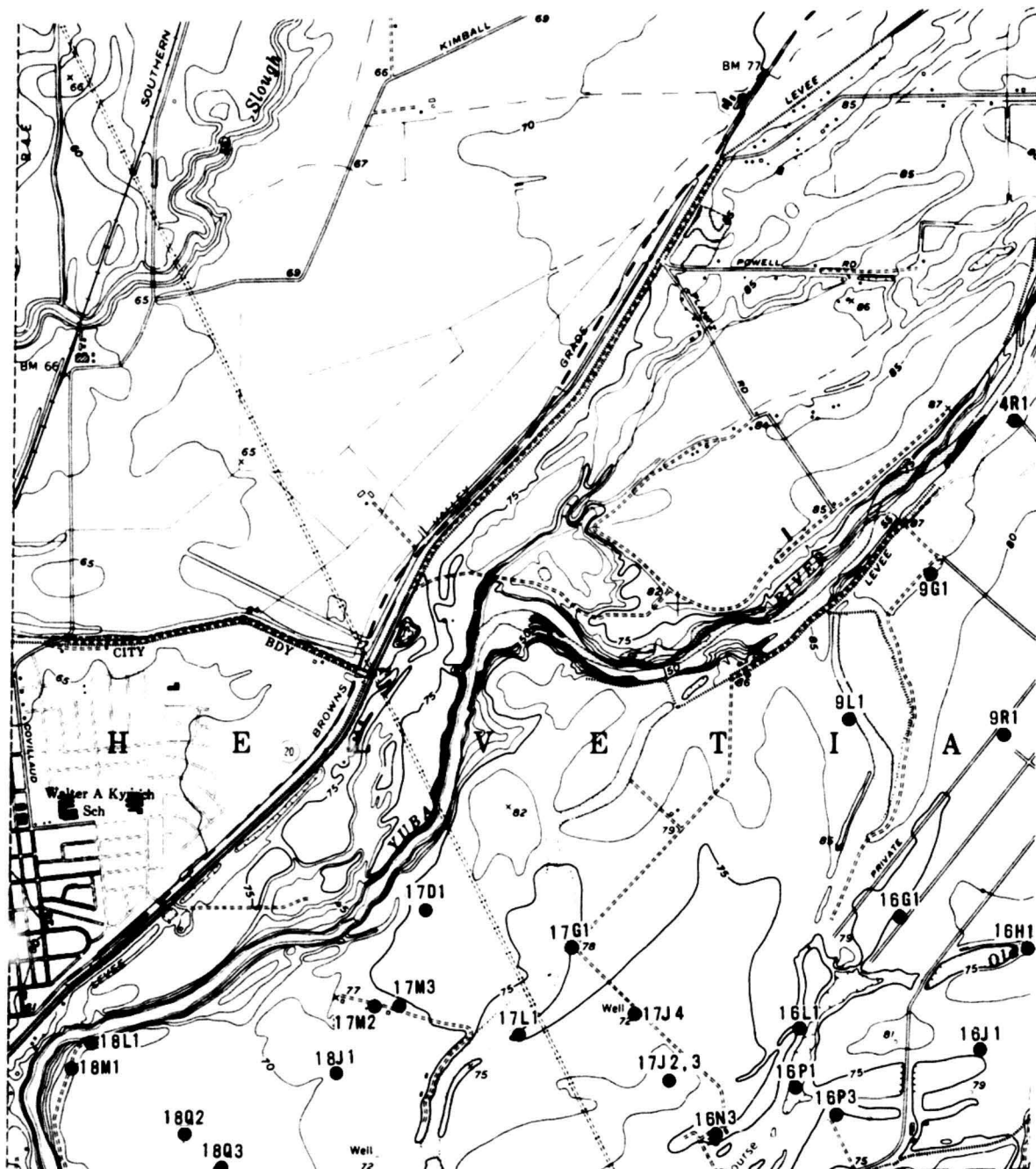
EXPLANATION

Well location based on section number

Well location based on projected section number

Site of destroyed well





EXPLANATION

T.15 N.

T.14 N.

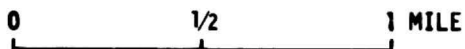
T.13 N.

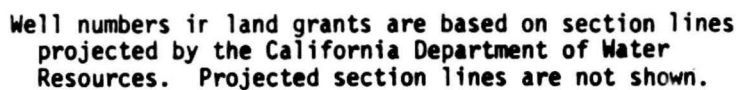
R.3 E. R.4 E. R.5 E. R.6 E.

Well location based on section number
32E2

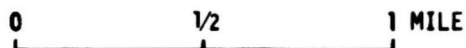
Well location based on
projected section number

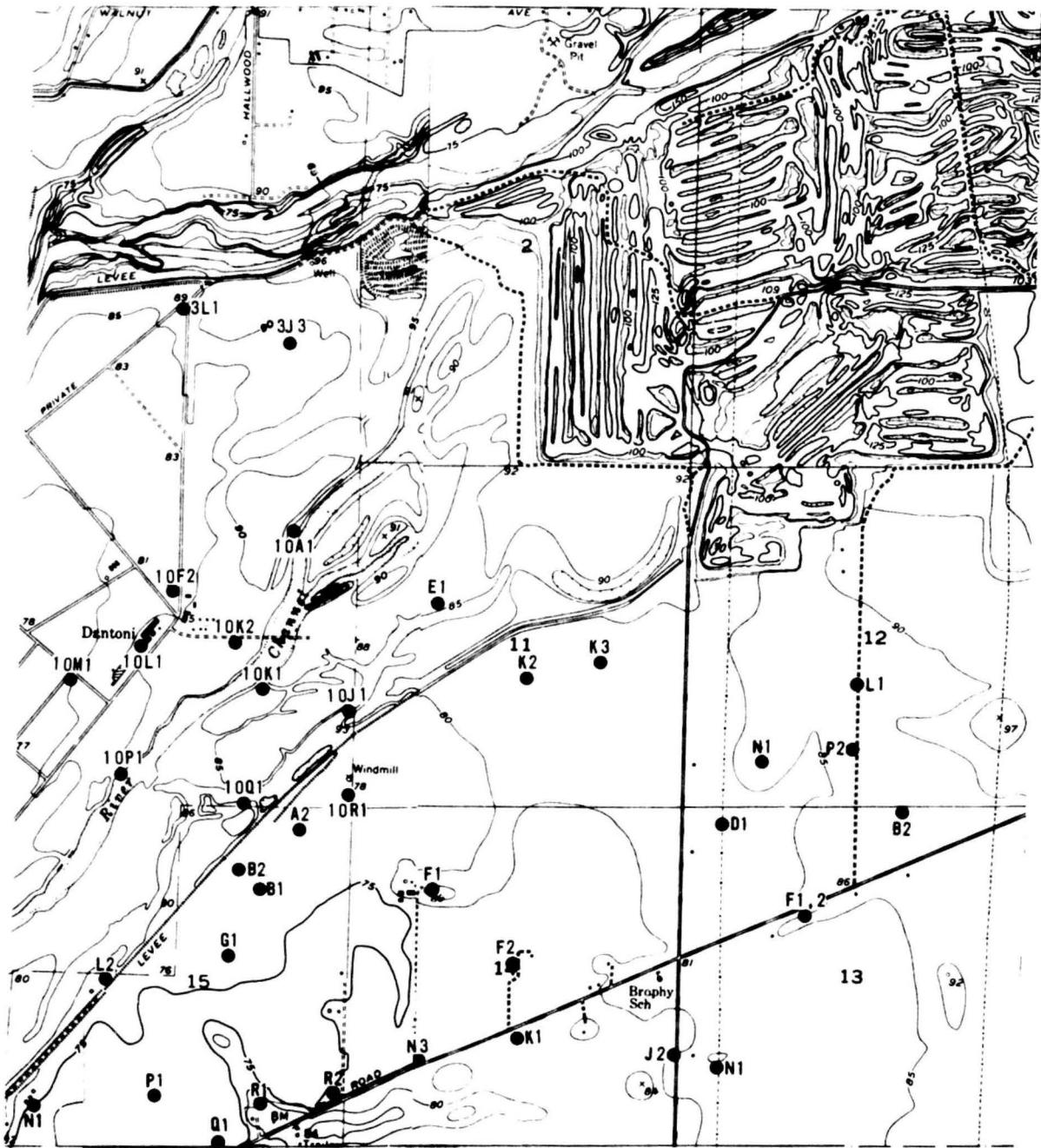
Site of destroyed well





Site of destroyed well





Well numbers in land grants are based on section lines projected by the California Department of Water Resources. Projected section lines are not shown.

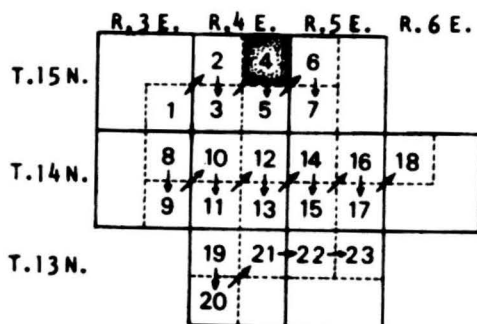
EXPLANATION

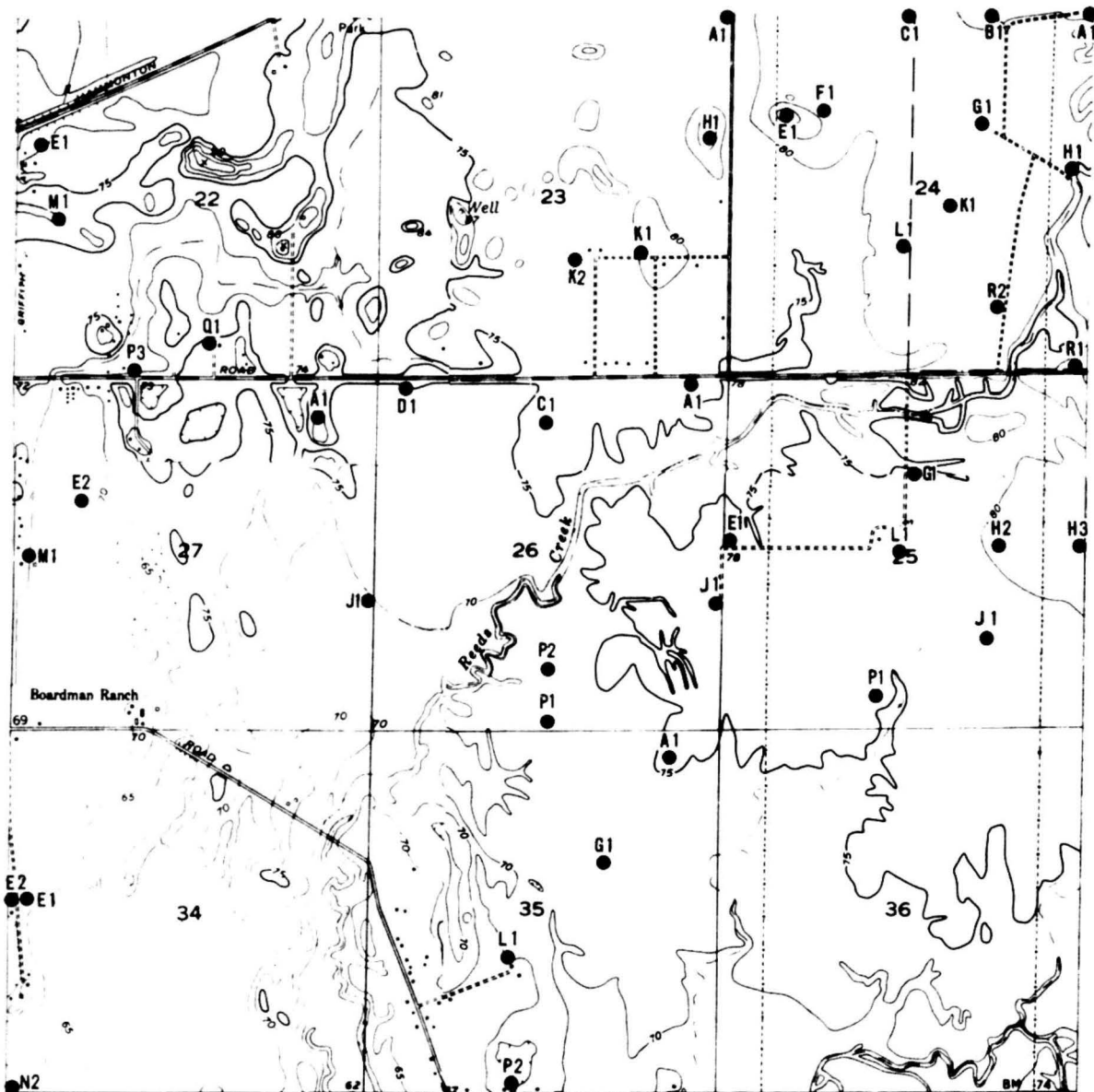
K1
Well location based on section number 32E2

Well location based on projected section number

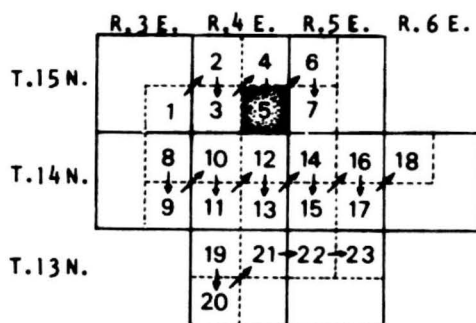
Site of destroyed well

0 1/2 1 MILE





Well numbers in land grants are based on section lines projected by the California Department of Water Resources. Projected section lines are not shown.



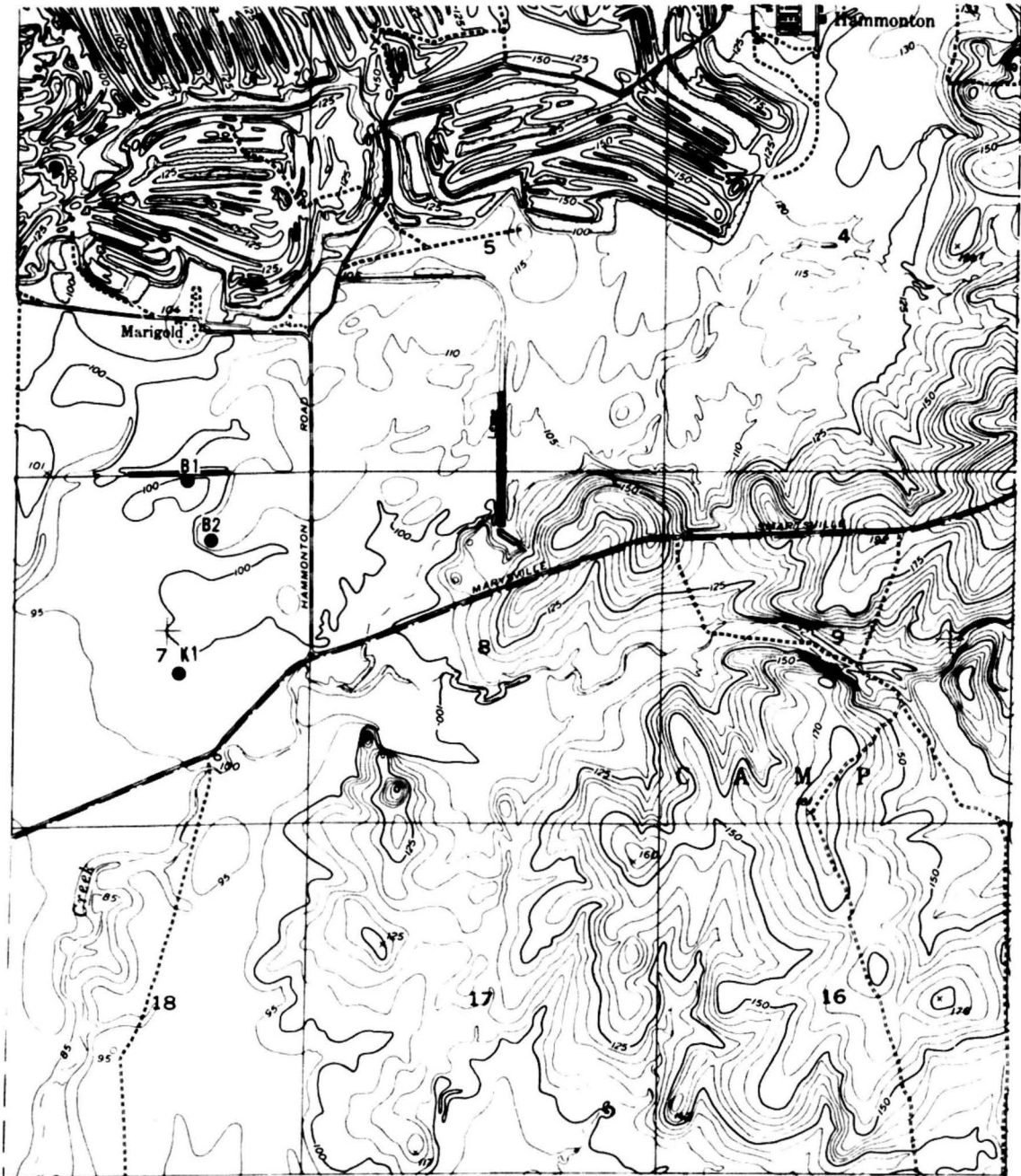
EXPLANATION

Well location based on section number

Well location based on projected section number

Site of destroyed well

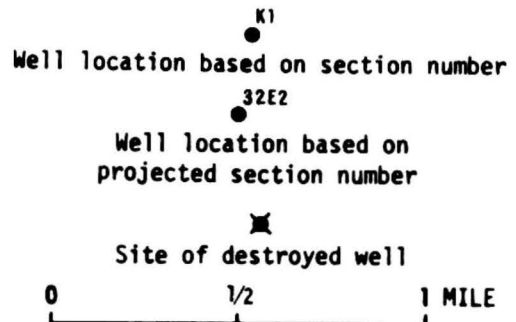
0 1/2 1 MILE



Well numbers in land grants are based on section lines projected by the California Department of Water Resources. Projected section lines are not shown.

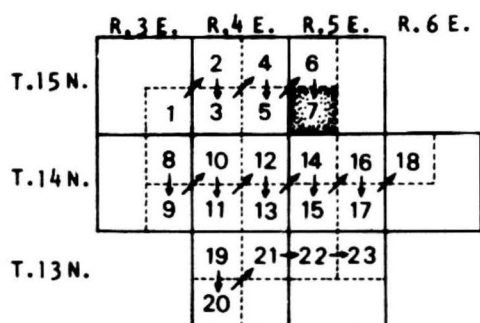
EXPLANATION

	R. 3 E.	R. 4 E.	R. 5 E.	R. 6 E.
T. 15 N.		2 3	4 5	6 7
T. 14 N.	8 9	10 11	12 13	14 15
T. 13 N.		19 20	21 22	23





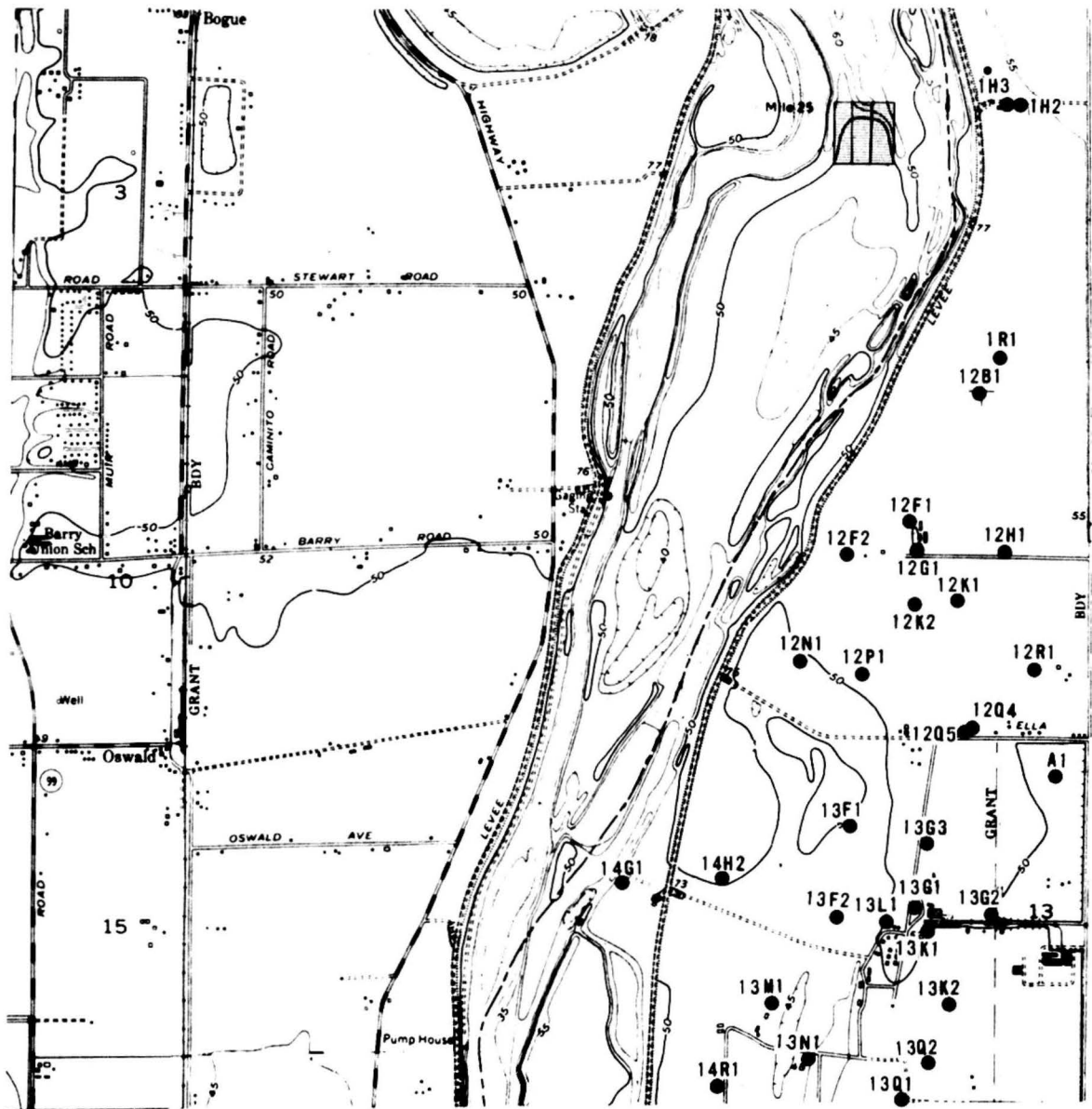
Well numbers in land grants are based on section lines projected by the California Department of Water Resources. Projected section lines are not shown.



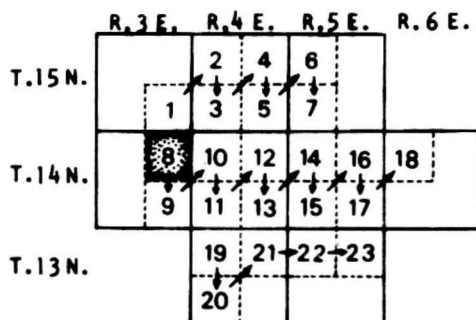
EXPLANATION

- K1
Well location based on section number
- 32E2
Well location based on projected section number
- Site of destroyed well

0 1/2 1 MILE



Well numbers in land grants are based on section lines projected by the California Department of Water Resources. Projected section lines are not shown.



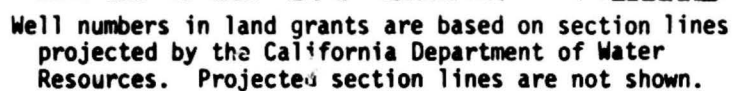
EXPLANATION

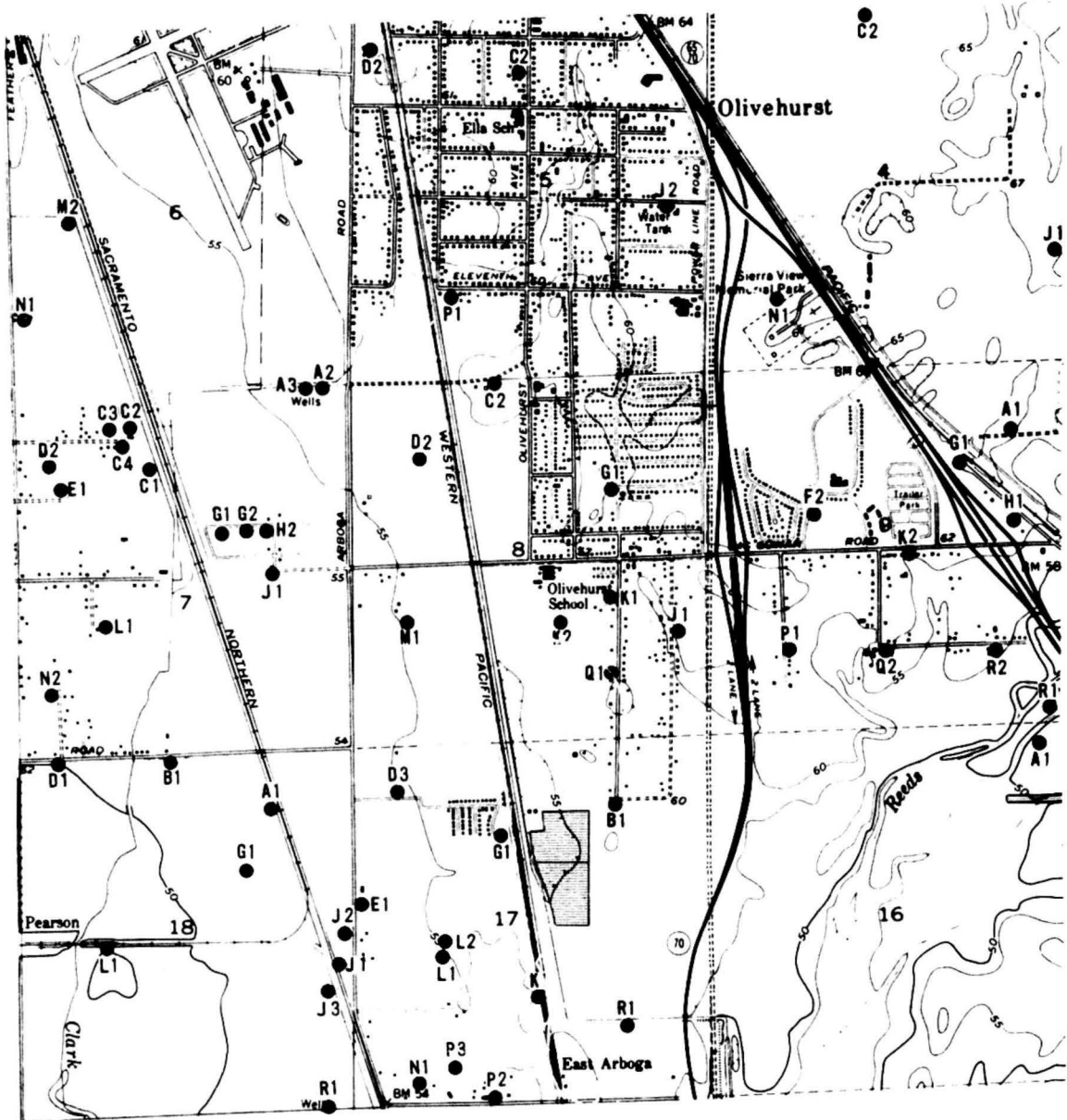
Well location based on section number

Well location based on projected section number

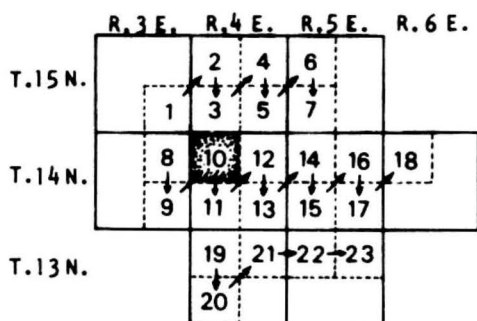
Site of destroyed well

0 1/2 1 MILE





Well numbers in land grants are based on section lines projected by the California Department of Water Resources. Projected section lines are not shown.



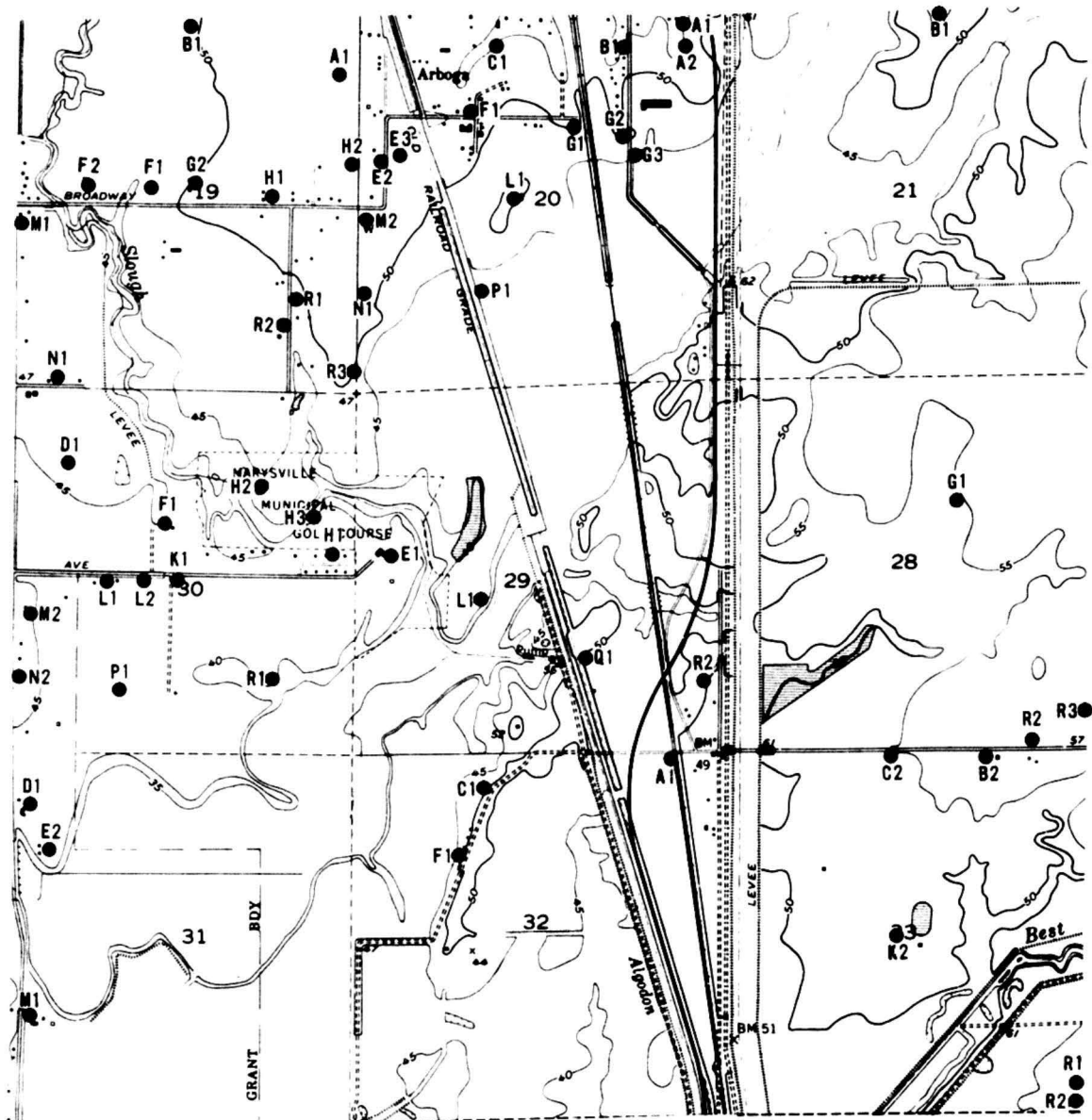
EXPLANATION

Well location based on section number

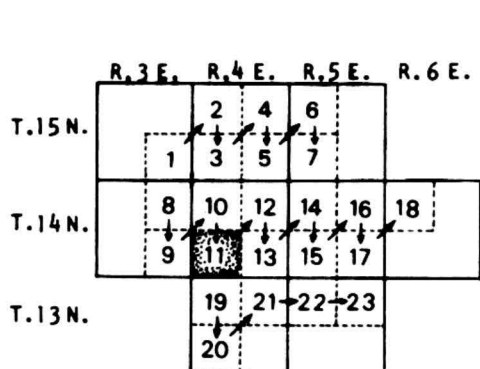
Well location based on projected section number

Site of destroyed well

0 1/2 1 MILE



Well numbers in land grants are based on section lines projected by the California Department of Water Resources. Projected section lines are not shown.



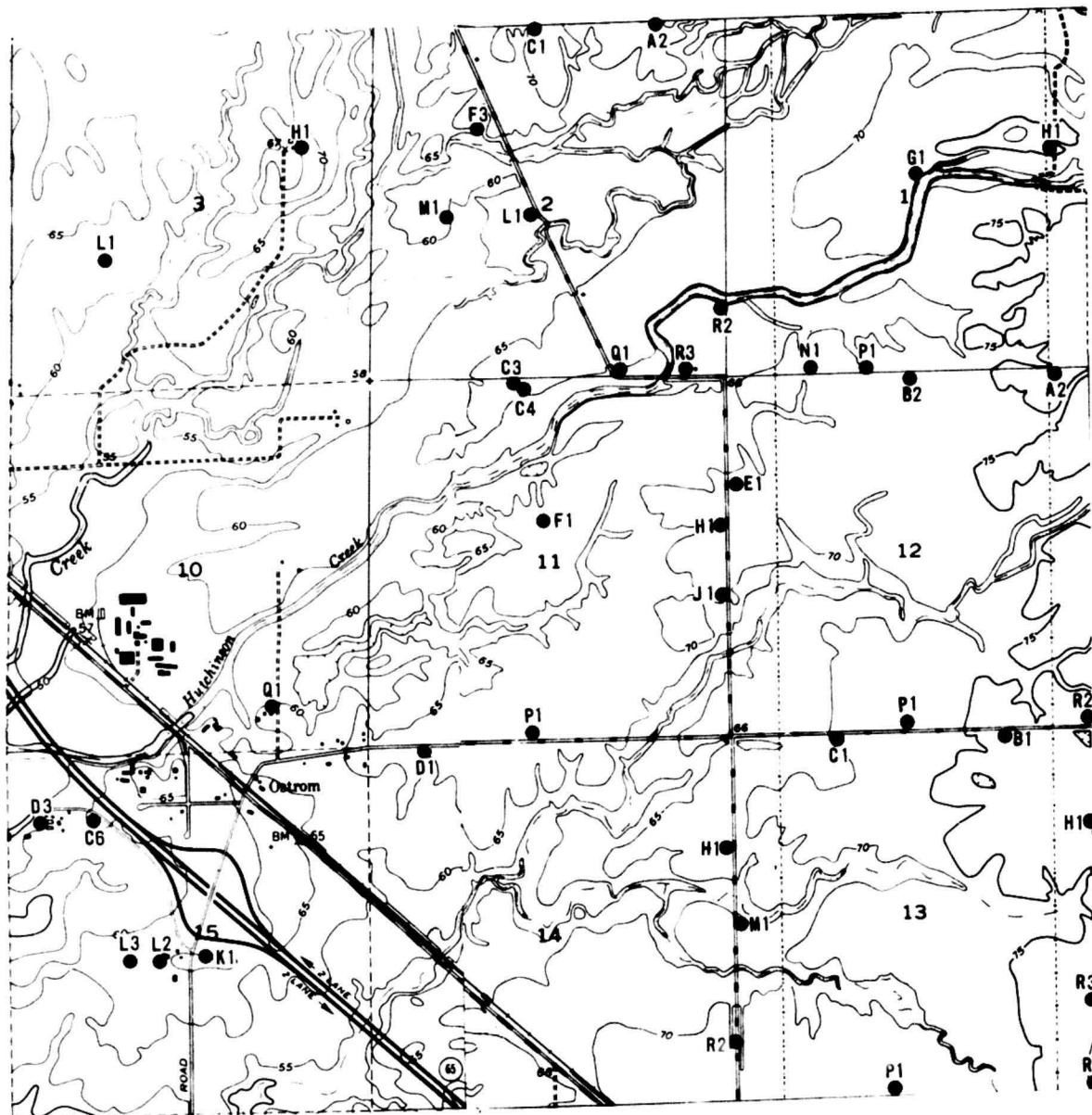
EXPLANATION

Well location based on section number

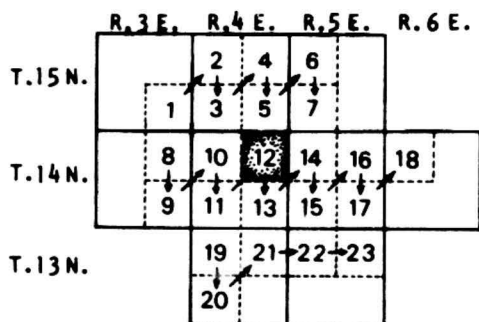
Well location based on projected section number

Site of destroyed well

0 1/2 1 MILE



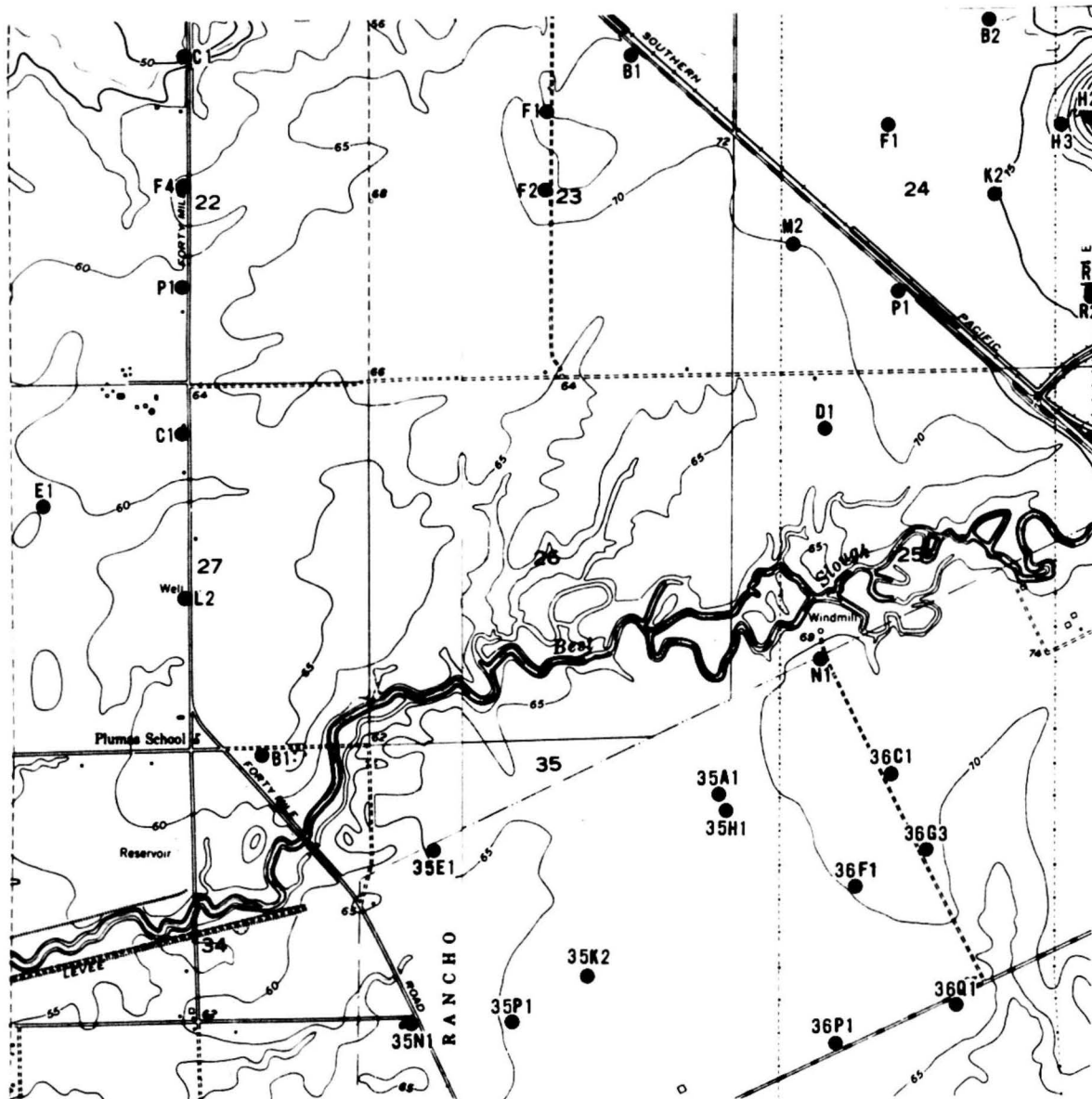
Well numbers in land grants are based on section lines projected by the California Department of Water Resources. Projected section lines are not shown.



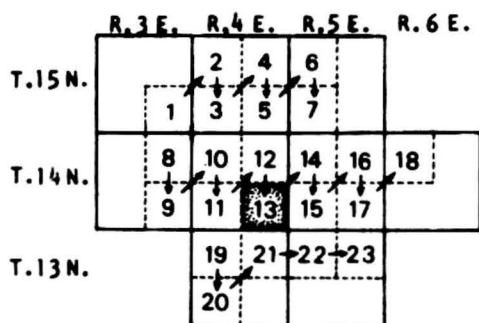
EXPLANATION

- Well location based on section number
- Well location based on projected section number
- Site of destroyed well

0 1/2 1 MILE



Well numbers in land grants are based on section lines projected by the California Department of Water Resources. Projected section lines are not shown.



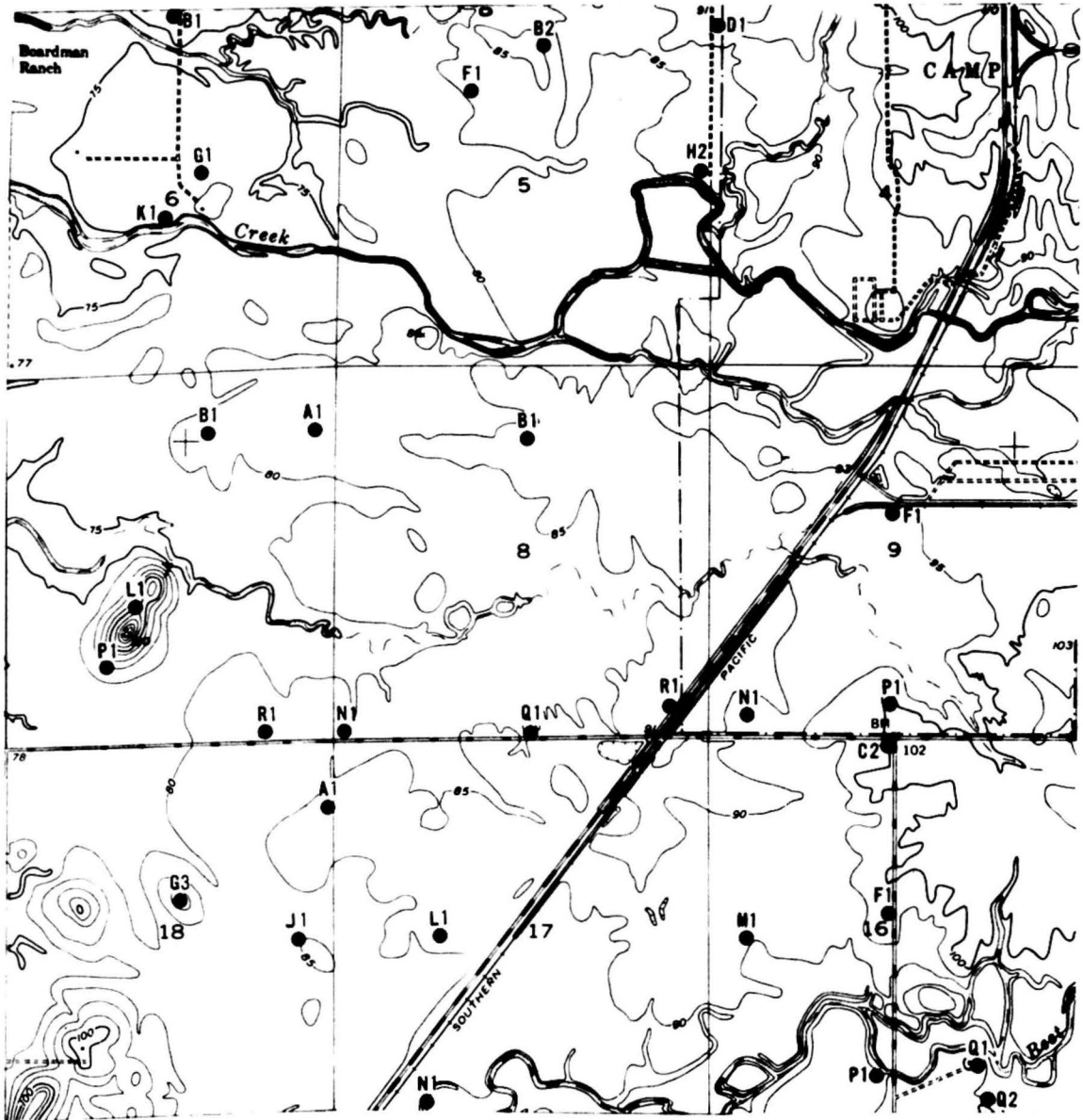
EXPLANATION

Well location based on section number
K1
32E2

Well location based on
projected section number

Site of destroyed well

0 1/2 1 MILE



Well numbers in land grants are based on section lines projected by the California Department of Water Resources. Projected section lines are not shown.

	R. 3 E.	R. 4 E.	R. 5 E.	R. 6 E.
T. 15 N.		2 1	4 3	6 5
T. 14 N.	8	10 9	12 11	14 13
T. 13 N.		19 20	21 22	23

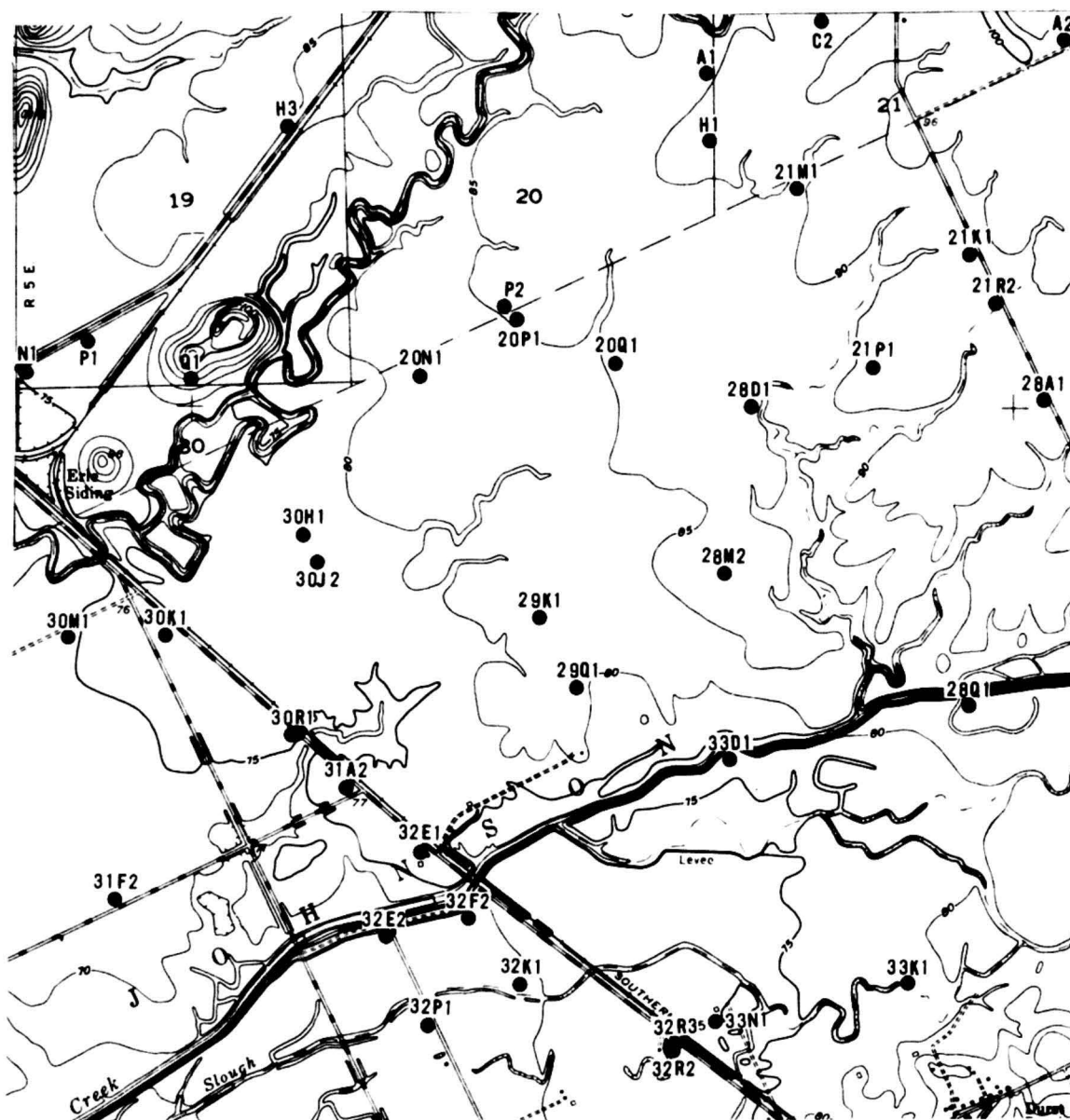
EXPLANATION

Well location based on section number
K1

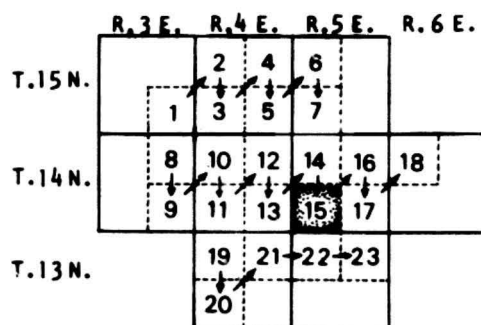
Well location based on
projected section number
32E2

Site of destroyed well

0 1/2 1 MILE



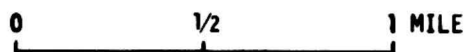
EXPLANATION

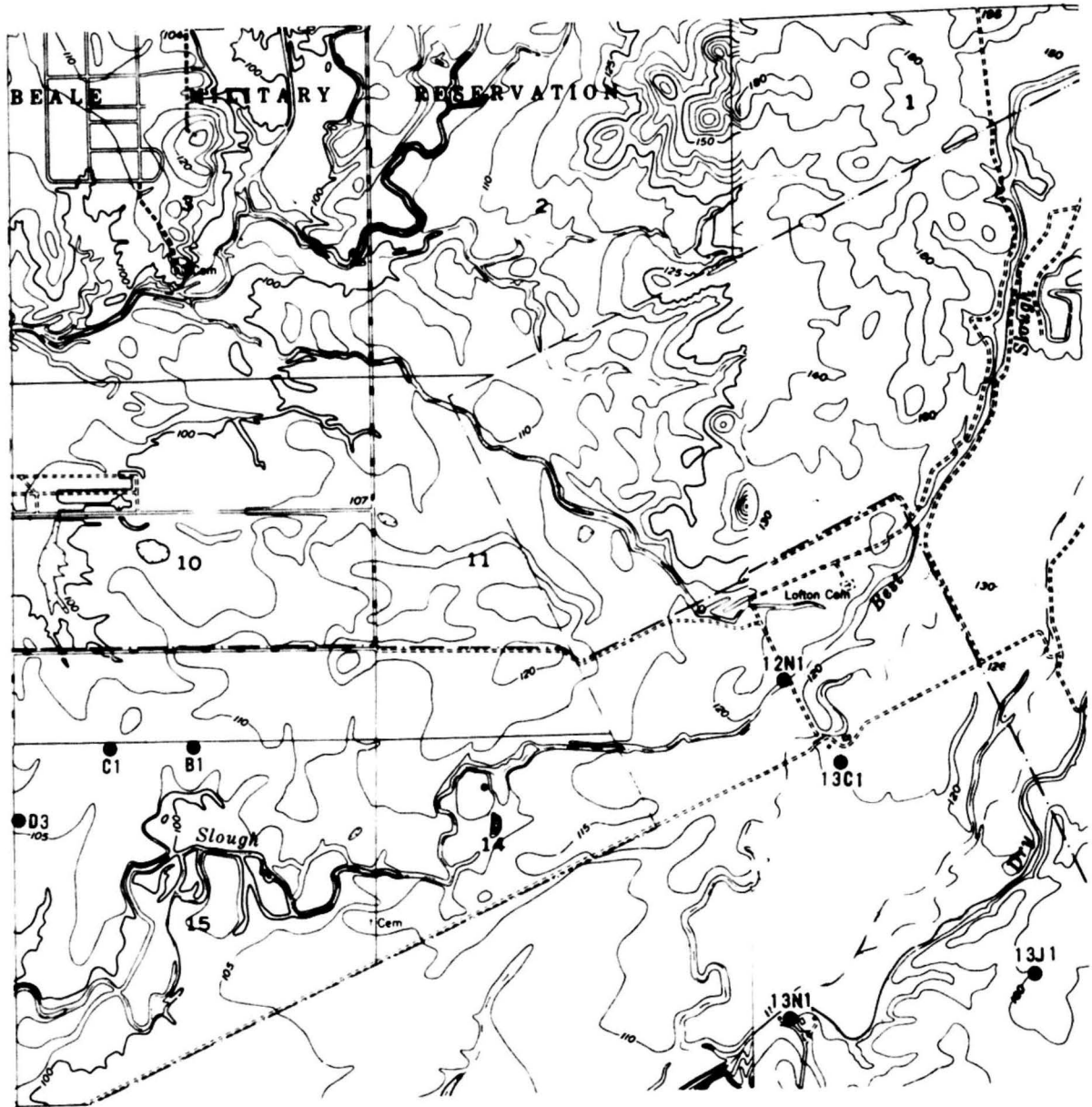


Well location based on section number

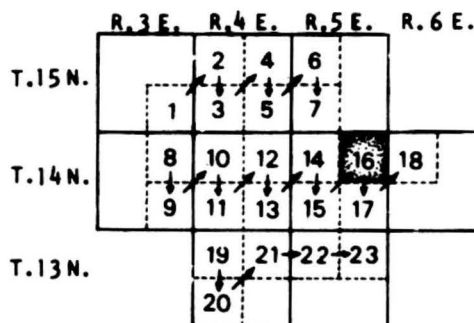
Well location based on
projected section number

Site of destroyed well





Well numbers in land grants are based on section lines projected by the California Department of Water Resources. Projected section lines are not shown.

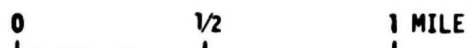


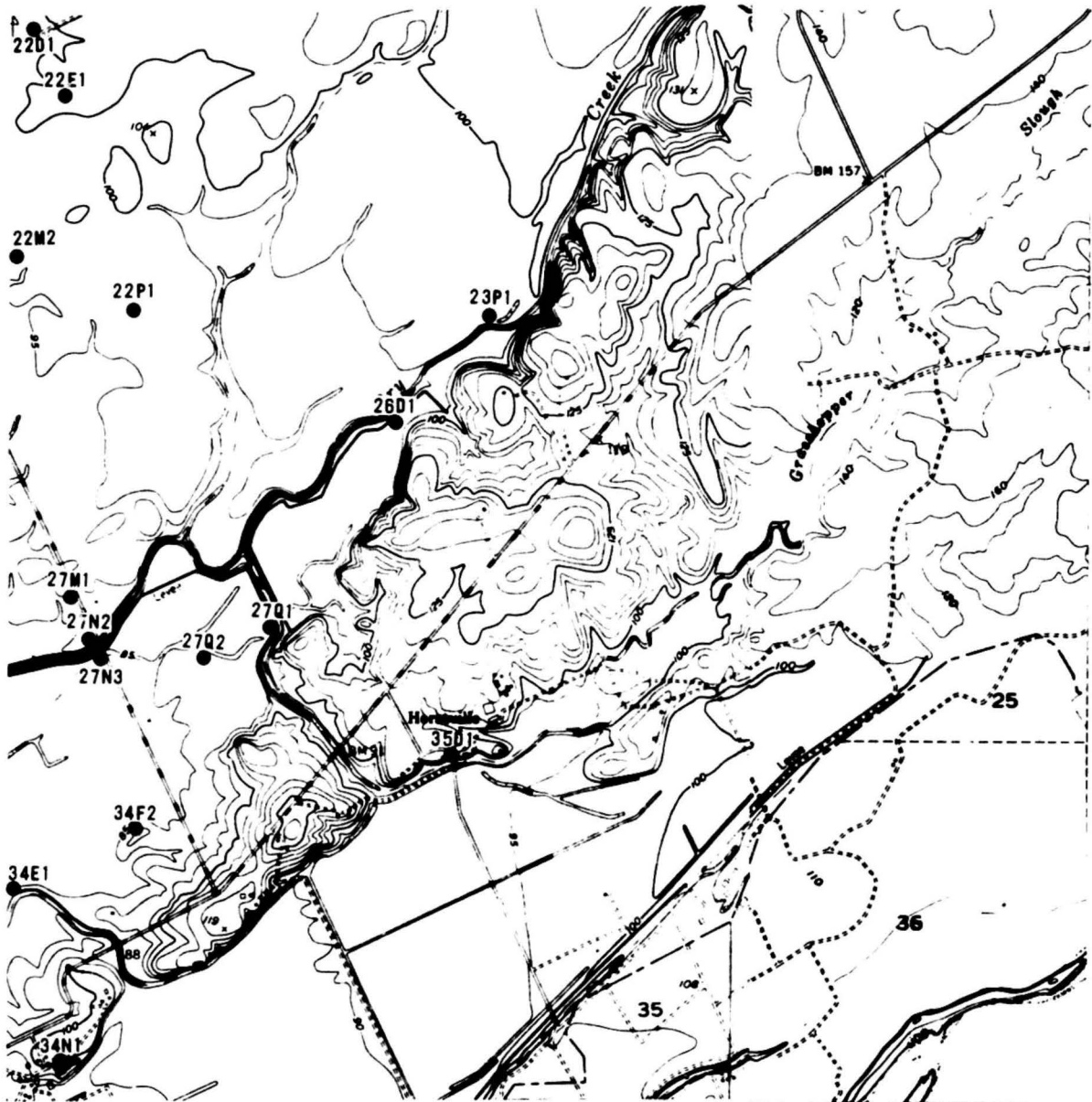
EXPLANATION

Well location based on section number

Well location based on projected section number

Site of destroyed well





Well numbers in land grants are based on section lines projected by the California Department of Water Resources. Projected section lines are not shown.

	R. 3 E.	R. 4 E.	R. 5 E.	R. 6 E.
T. 15 N.		2 1	4 3	6 5
T. 14 N.	8 9	10 11	12 13	14 15
T. 13 N.		19 20	21 22	23 24

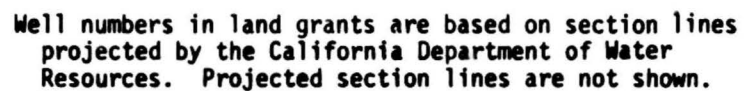
EXPLANATION

K1
Well location based on section number

32E2
Well location based on projected section number

Site of destroyed well

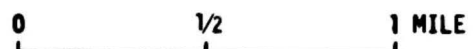
0 1/2 1 MILE

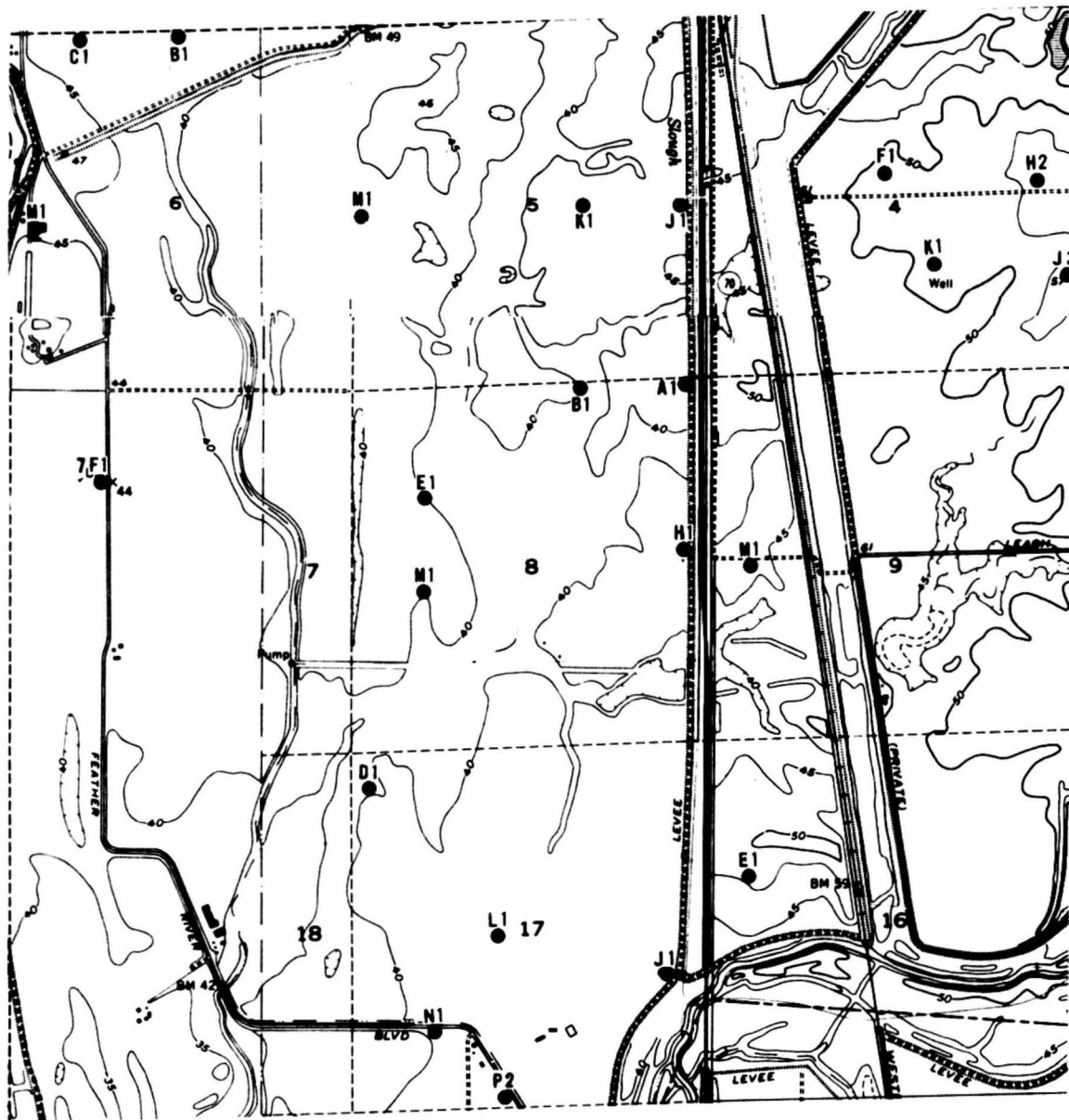


		2	4	6	
T.15 N.		1	3	5	7
		8	10	12	14
T.14 N.		9	11	13	15
					18
T.13 N.			19	21	22
			20		23

Well location based on
projected section number

Site of destroyed well

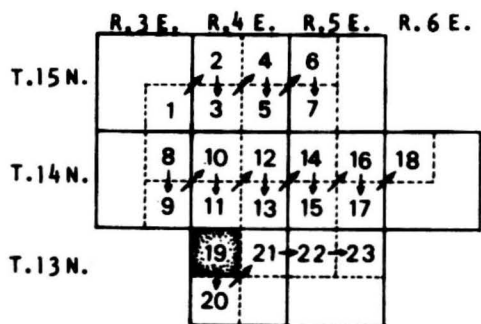




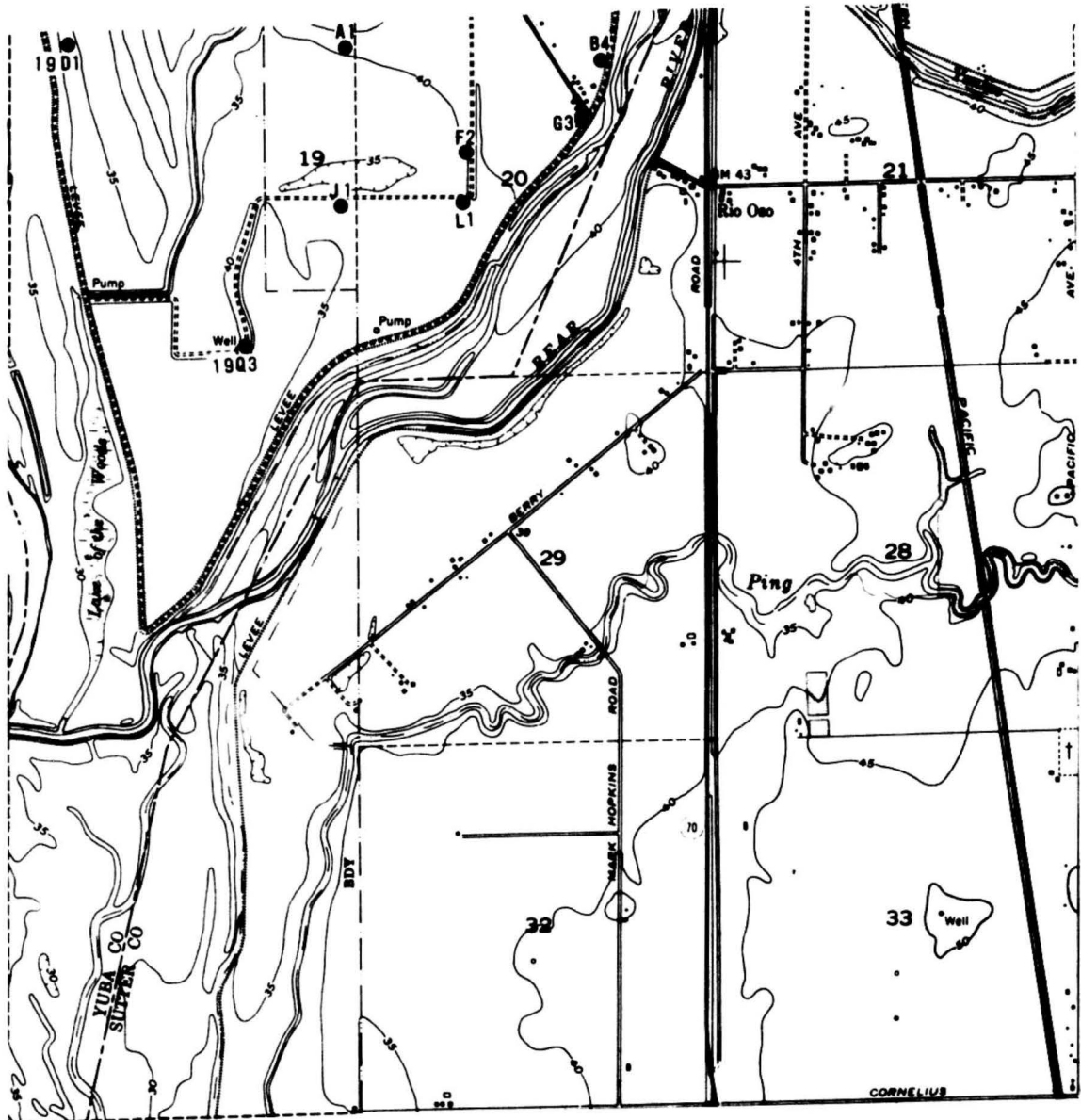
Well numbers in land grants are based on section lines projected by the California Department of Water Resources. Projected section lines are not shown.

EXPLANATION

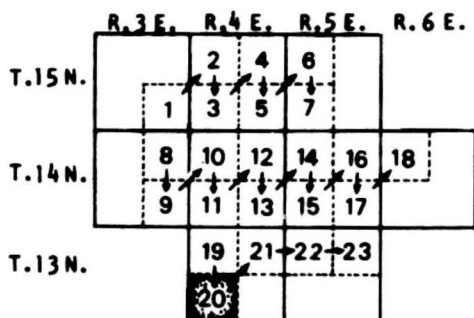
- Well location based on section number
- Well location based on projected section number
- Site of destroyed well



0 1/2 1 MILE



Well numbers in land grants are based on section lines projected by the California Department of Water Resources. Projected section lines are not shown.



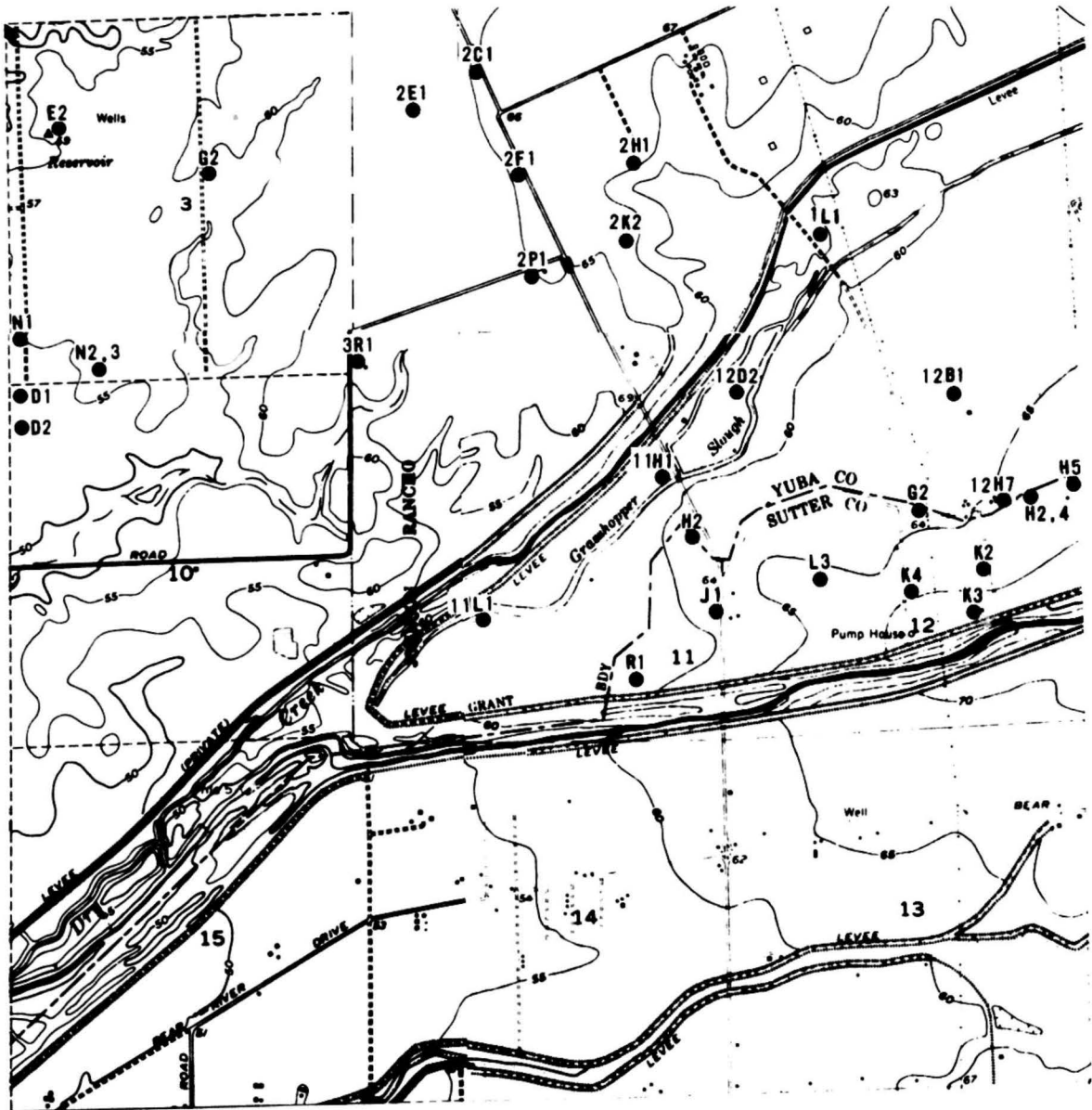
EXPLANATION

K1
Well location based on section number

32E2
Well location based on projected section number

Site of destroyed well

0 1/2 1 MILE



Well numbers in land grants are based on section lines projected by the California Department of Water Resources. Projected section lines are not shown.

	R. 3 E.	R. 4 E.	R. 5 E.	R. 6 E.
T. 15 N.		2 1	4 3	6 5
T. 14 N.	8 9	10 11	12 13	14 15
T. 13 N.	19 20	21 22	23	

EXPLANATION

Well location based on section number

Well location based on projected section number

Site of destroyed well

0 1/2 1 MILE

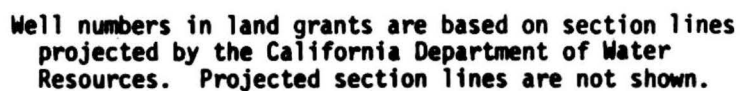
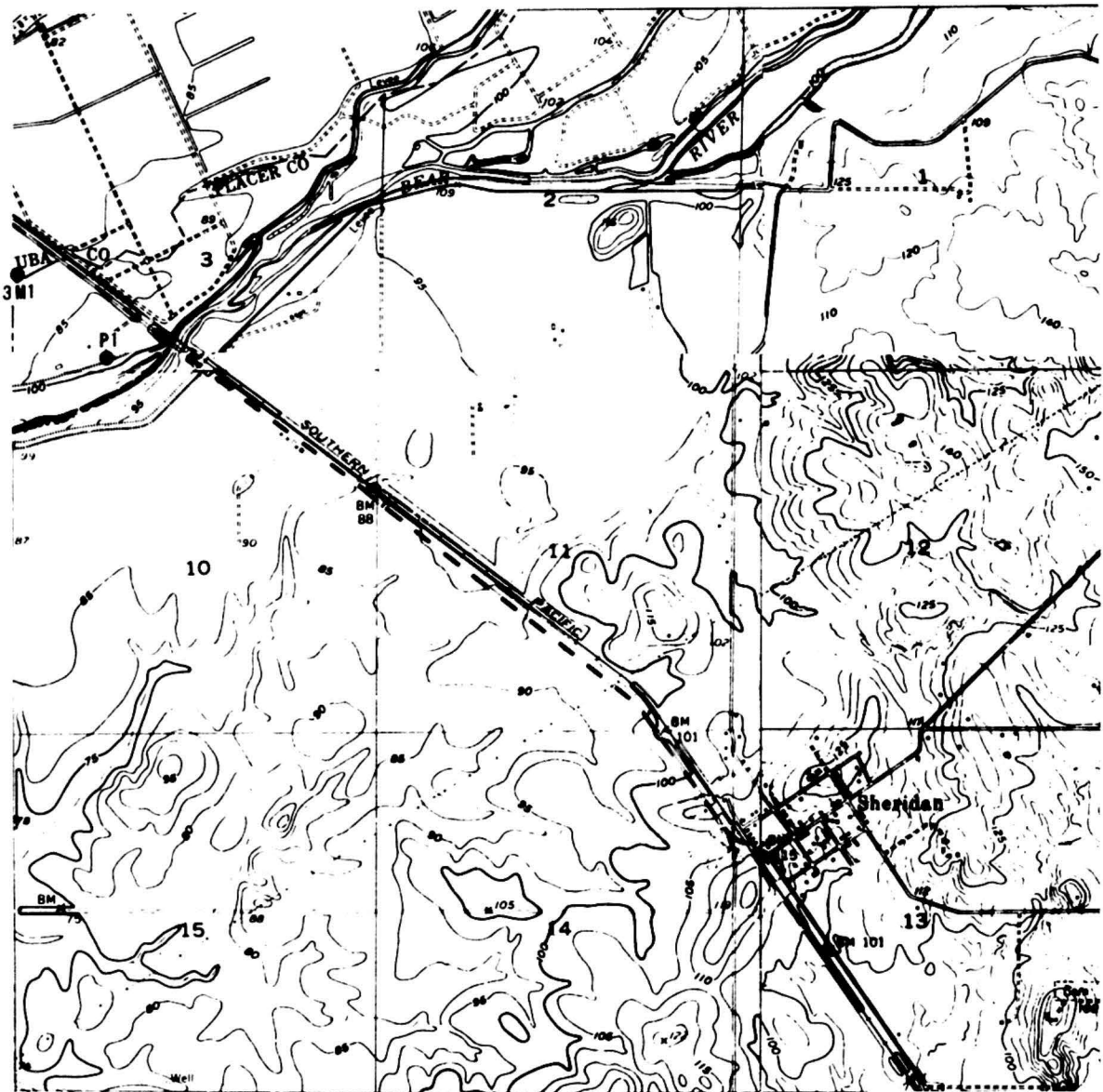


Figure 1 shows a 6x6 grid layout of 24 numbered points. The grid is divided into four quadrants by a vertical line between columns 3 and 4 and a horizontal line between rows 3 and 4. The quadrants are labeled R.3 E., R.4 E., R.5 E., and R.6 E. at the top. The rows are labeled T.15 N., T.14 N., and T.13 N. on the left. The points are numbered 1 through 24. Points 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, and 24 are distributed across the grid. Arrows indicate the direction of the points from the center of the grid. Point 22 is highlighted with a black square.

Site of destroyed well





Well numbers in land grants are based on section lines projected by the California Department of Water Resources. Projected section lines are not shown.

	R. 3 E.	R. 4 E.	R. 5 E.	R. 6 E.
T. 15 N.		2 1	4 3	6 5
T. 14 N.		8 9	10 11	12 13
T. 13 N.		19 20	21 22	23 24

EXPLANATION

K1
Well location based on section number

32E2
Well location based on projected section number

✖
Site of destroyed well

0 1/2 1 MILE