UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Water Resources Division

DATA FOR WELLS IN THE MODESTO-MERCED AREA

SAN JOAQUIN VALLEY, CALIFORNIA

By

Gary O. Balding and R. W. Page

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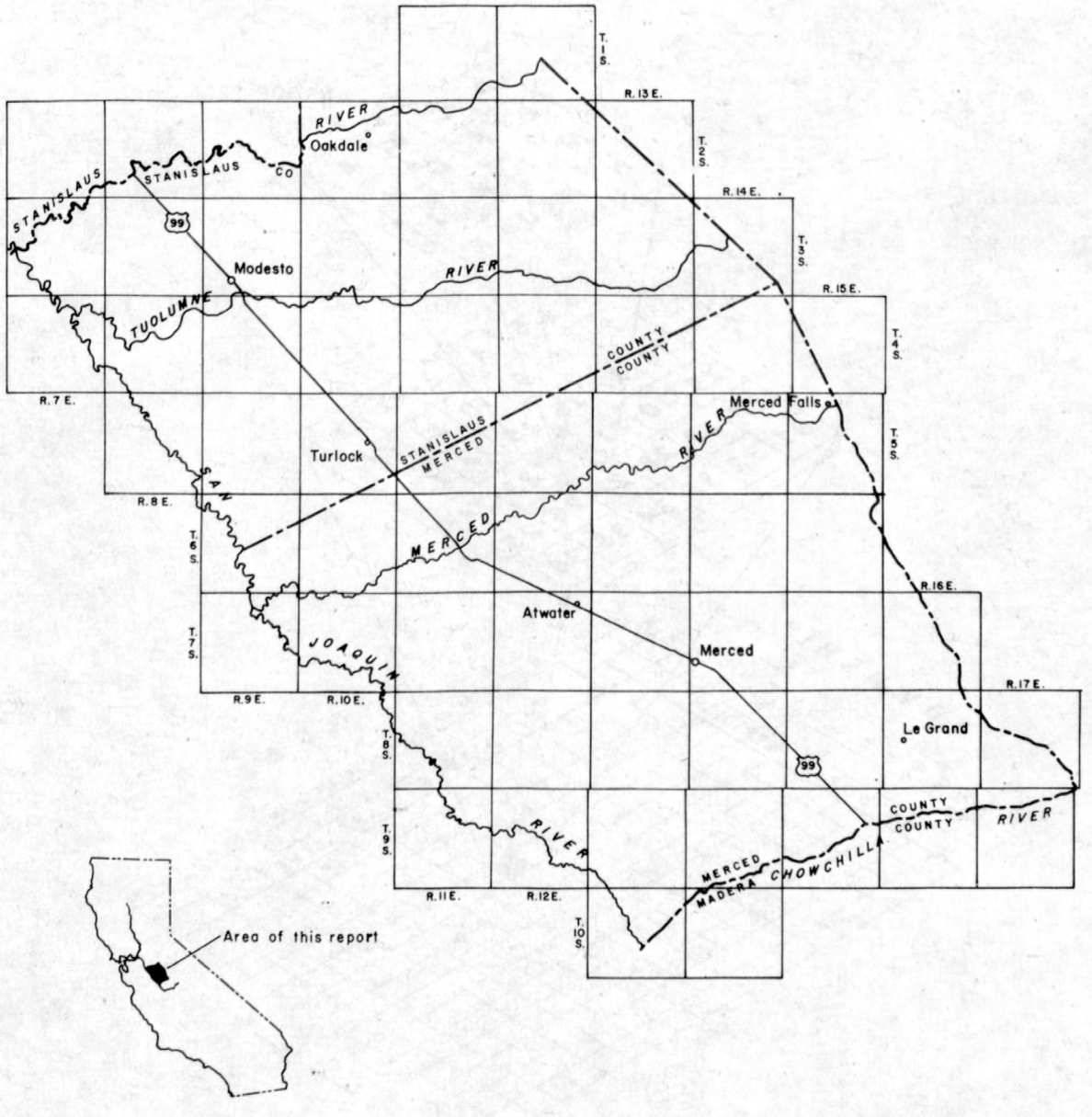

FIGURE 1. -- Index map

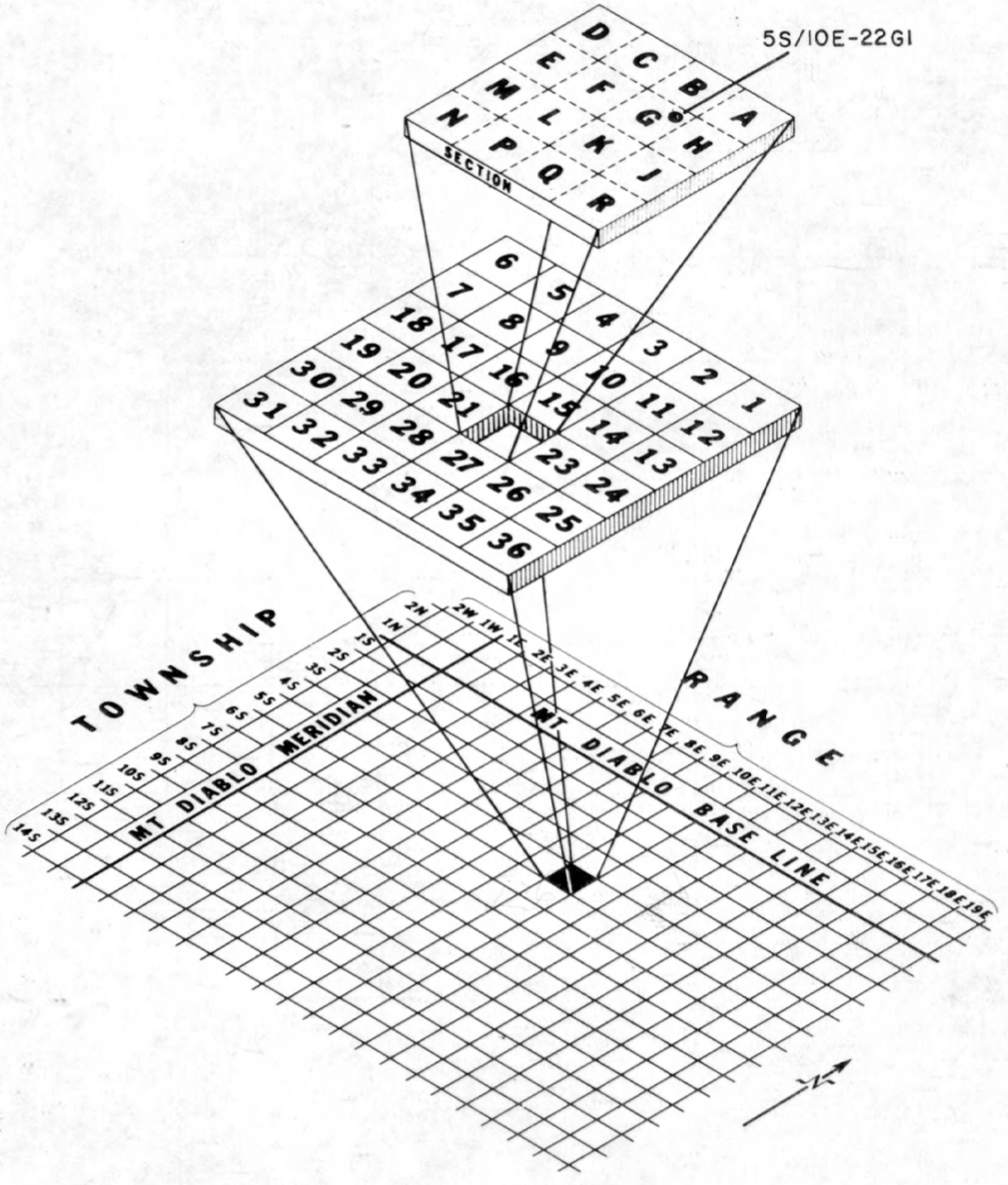

FIGURE 2.--Well-numbering system.

DATA FOR WELLS IN THE MODESTO-MERCED AREA

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The Modesto-Merced area is in the northeastern part of the San Joaquin Valley. The area includes about 1,800 square miles that lie in the eastern portions of Merced and Stanislaus Counties. Specifically the boundaries are: North, the Stanislaus River; south, the Merced-Madera County line; east, the Merced-Mariposa and the Stanislaus-Tuolumne County lines; west, the San Joaquin River.

Between September 1970 and May 1971, 859 wells were selectively canvassed in the area. The resulting data are on file in the U.S. Geological Survey office at 2800 Cottage Way, Sacramento, Calif. Selected well data are tabulated in table 1, and the location of these wells is shown on maps 1-65. Selected chemical analyses are shown in table 2. Table 3 is a listing of the well numbers of all wells canvassed in the area by the U.S. Geological Survey through April 1971.

TABLE 1.--*Description of wells*

Boxhead explanations are abstracted from U.S. Geological Survey "Instructions for Using the Punch-Card System for the Storage and Retrieval of Ground-Water Data"]

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 or user: The apparent owner or user on the date indicated. In some cases, the local name of the well or spring is given.

Ownership:

- C County
- F Federal Government
- M City, town, or unincorporated village
- N Corporation or company, churches, lodges, and other nonprofit, nongovernment groups
- P Private
- S State agency
- W Water district.

Use of water:

- A Air conditioning
- B Bottling
- C Commercial
- D Dewatering
- E Power generation
- F Fire protection
- H Domestic
- I Irrigation
- M Medicinal
- N Industrial, including mining
- P Public supply
- R Recreation
- S Stock supply
- T Institutional
- U Unused
- V Repressurization
- W Recharge
- X Desalination, public supply
- Y Desalination, other use
- Z Other.

Use of well:

- A Anode
- D Drainage
- G Seismic hole
- H Heat reservoir
- O Observation
- P Oil or gas
- R Recharge
- T Test hole
- U Unused
- W Withdraw water
- X Waste disposal
- Z Destroyed.

Well data: In tabulation below, C, complete data; N, no data; P, partial data. Complete physical data include depth, diameter, and finish. Complete geologic data include lithology and aquifer thickness. Complete water-level data include altitude of land-surface datum, in feet above mean sea level; water level, in feet above(+) or below land-surface datum; and date of measurement. Complete yield data include rate of pumping and drawdown.

Code symbol	1	2	3	4	5	6	7	8	9	0
Physical	C	C	P	C	C	P	C	C	P	P
Geologic	C	C	P	C	C	N	C	N	P	N
Water level	C	C	C	N	N	P	P	C	C	N
Yield	C	N	C	C	N	P	C	N	N	P

Chemical analyses:

- C Complete
- G Dissolved gases
- J Conductance and chloride
- K Conductance
- L Chloride
- M Multiple (complete and one or more partials)
- P Partial
- R Radiochemical (plus partial or complete chemical)
- S Special (tritium, carbon-14, and all other special determinations)
- T Trace elements (spectrographic).

Log data:

- A Drilling-time
- B Casing-collar
- C Caliper (diameter) survey
- D Driller's
- E Electric
- F Fluid-conductivity or fluid-resistivity
- G Geologist or sample
- H Magnetic
- I Induction
- J Gamma-ray
- K Dipmeter or directional (inclinometer) survey
- L Laterolog
- M Microlog
- N Neutron
- O Microlaterolog
- P Photographic
- Q Radioactive-tracer
- R Radiation (includes both neutron and gamma-ray)
- S Sonic
- T Temperature
- U Temperature and fluid-conductivity (resistivity)
- V Fluid-velocity
- W Electric and radiation
- X Electric, radiation, caliper, and fluid-velocity
- Y Electric, radiation, and sample (or driller's)
- Z Electric, radiation, temperature, and fluid-conductivity.

Depth of well: Depth, in feet below land-surface datum, as reported by owner, driller, or others, or as measured by the Geological Survey.

Depth cased: Length of casing, in feet below land-surface datum, to the top of the first perforations.

Diameter: Inside diameter of the well, in inches; nominal inside diameter, in inches, of the innermost casing at the surface for drilled cased wells.

Well finish:

- C Porous concrete
- F Gravel wall, perforated or slotted casing
- G Gravel wall, commercial screen
- H Horizontal gallery or collector
- O Open end
- P Perforated or slotted casing
- S Screen
- T Sand point
- W Walled or shored
- X Open hole in aquifer (generally cased to aquifer)
- Z Other.

Method drilled:

- A Rotary
- B Bored or augered
- C Cable-tool
- D Dug
- H Hydraulic-rotary
- J Jetted
- P Air percussion
- R Reverse-rotary
- T Trenching
- V Driven
- W Drive-wash
- Z Other.

Lift type:

- A Air
- B Bucket
- C Centrifugal
- J Jet
- L Multiple (centrifugal)
- M Multiple (turbine)
- N None
- P Piston
- R Rotary
- S Submergible
- T Turbine
- Z Other.

Power:

1 Hand

2 Natural gas engine
- A 0-20 hp
- B >20-50
- C >50-100
- D>100-200
- E >200

3 Gasoline engine
- F 0-5 hp
- G >5-20
- H >20-50
- J >50-100
- K >100-200
- L >200

4 Diesel engine
- M 0-50 hp
- N >50-150
- P>150-400
- Q>400-750
- R >750

5 Electric motor
- S 0-1 hp
- T >1-5
- U >5-15
- V>15-100
- W >100

6 Wind

7 LP gas engine (propane or butane)
- A 0-20 hp
- B >20-50
- C >50-100
- D>100-200
- E >200

8 Other.

Altitude of lsd: 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.

Date measured: Month and year of the water-level measurement; other data given generally apply for this date.

Yield of well: Yield, in gallons per minute; drawdown, in feet.

State well number	Owner or user	Ownership	Use of water	Use of well	Well data	Chemical analyses	Log data	Depth of well (feet below lsd)	Depth cased (feet below lsd)	Diameter (inches)	Well finish	Method drilled	Year drilled	Lift type	Power	Altitude of lsd (feet)	Water level (feet below lsd)	Date measured	Yield of well: Gallons per minute	Yield of well: Drawdown (feet)
01S/11E-36F01M	WALTER C.WILLMS	P	S	W										P	6	280	88	10-70		
01S/12E-28P01M	ROBERT HUNTER	P	U	U										P	6	325	47			
01S/12E-31P01M	CLAYTON WILLMS	P	S	W				187		6			1925	P	6	280				
01S/12E-34N01M	RAYMOND WILLMS	P	H	W				100		6	X		1922	P	6	315	63	10-70		
02S/07E-36P01M	L.W.COSTA	P	H	W		C		40		7				J	T	55	15	9-70		
02S/08E-25P01M	MODESTO I.D.	W	I	W		M	D	320	79	18	X		1949	T	V	95				
02S/08E-27N01M	MODESTO I.D.	W	I	W		M	D	302	148	18	X		1948	T	V	73	24	9-70		
02S/08E-33F01M	MODESTO I.D.	W	I	W		C	D	393	157	18	X		1950	T	V	66	25	9-70		
02S/09E-26F02M	OAKDALE I.D.	W	I	W			D	455	114		F	H	1960	T	V	131	55	9-70		
02S/09E-28N01M	MODESTO I.D.	W	I	W,		M	D	150	94	18	X		1948	T	V	114				
02S/09E-30F01M	J.VAN HEUKELEM	P	I	W						12			1958	T	V	93	27	9-70		
02S/09E-31G01M	MODESTO I.D.	W	I	W		M	D	384	136	18	X		1949	T	V	98				
02S/09E-36N01M	MODESTO I.D.	W	I	W		C	D	604	124	18	X		1950	T	V	125				
02S/10E-11G01M	CITY OF OAKDALE	M	P	W		C	D	604	137	14	X		1947	T	V	200				
02S/10E-12Q01M	R.B.RICE	P	H	W			D	220	148	8	X	C	1961	P	S	212	87	12-70		
02S/10E-13L01M	OAKDALE I.D.	W	I	W			D	365		16			1951	T	V	185	59	10-70		
02S/10E-14F01M	CITY OF OAKDALE	M	P	W		C	D	218	83	14	X		1912	T	V	160				
02S/10E-14F02M	CITY OF OAKDALE	M	U	U		M	DE	650	150	16	F	H	1967	N		160	36	1-71	4450	45
02S/10E-15A01M	CITY OF OAKDALE	M	P	W		M	D	575	164	16	X		1946	T	V	149	32	12-70		
02S/10E-15D01M	OAKDALE I.D.	W	I	W			D	255	37	16	F	H	1959	T	V	144	37	12-70	1200	90
02S/10E-15F01M	CITY OF OAKDALE	M	P	W		C	D	594	90	30	F	H	1960	T	V	145			1225	41
02S/10E-16M01M	OAKDALE I.D.	W	D	W			D	415	0	16	X	C	1955	T	V	145	37	10-70	2000	90
02S/10E-20C01M	OAKDALE I.D.	W	I	W			D	125	27		X		1954	T	V	132	31	12-70		
02S/10E-23F02M	HERSHEY CO	N	N	W			DE	702		30	F	H	1963	T	5	195	82	10-70	3500	47
02S/10E-25C01M	OAKDALE I.D.	W	I	W		C	D	675		18			1939	T	V	206	82	10-70		
02S/10E-27H01M	OAKDALE I.D.	W	I	W		P	D	475	212	16	X	C	1954	T	V	188	71	10-70	3030	
02S/10E-28P01M	BRICHETTO BROS	P	I	W			D	747	167	16	X	C	1950	T	V	177	68	10-70	2480	26
02S/10E-29N01M	OAKDALE I.D.	W	U	U			D	650			S		1949	T	V	159	57	12-70		
02S/10E-31N01M	RVRBNK.ORD.PLNT	F	N	W			DE	710	107		F	H	1953	T	V	131	43	12-70		
02S/10E-33C01M	G.BRICHETTO	P	H	W										J	T	155				
02S/10E-34N01M	FOSTER FARMS	N	S	W			D	118	96		X	C	1966	T	U	165	53	10-70		
02S/10E-36P01M	MONOTHERM CO	N	N	W			D	584	140	14	P	C	1955	T	V	185			2700	106
02S/10E-36P02M	STOCKMENS CO	N	S	W				80		7				P	6	187	63	10-70		
02S/11E-02N01M	W.K.JOHNSTON	P	H	W		M								S	T	185	46	10-70		
02S/11E-04P01M	DONALD MOORE	P	I	W			D	659	650	14	X	C	1951	T	V	180			1400	44
02S/11E-07B01M	G.PAATER	P	H	W										S	S	235	120	10-70		
02S/11E-09M01M	ANNE E.SMITH	P	U	U			D	170	76	10	X	C	1951	N		202	55	10-70		
02S/11E-11D01M	RICHARD MAGEE	P	H	W						8			1962	S	T	250	125	10-70		
02S/11E-12H01M	W.P.ARDIS	P	S	W						48	X			P	6	290	127	10-70		
02S/11E-13K01M	INEZ CORRIGAN	P	S	W										P	6	255	110	10-70		
02S/11E-14F01M	J.E.NICHOLS	P	S	W										P	6	241	94	10-70		
02S/11E-17J01M	ELGIN SCHWOERER	P	I	W										T	V	246	114			
02S/11E-18Q01M	CITY OF OAKDALE	M	P	W										S	5	225	86	10-70		
02S/11E-19K01M	OAKDALE I.D.	W	I	W										T	V	226	104	10-70		
02S/11E-21G01M	OAKDALE FEED	N	S	W			D	300	180	12	X	C	1963	T	V	260	128	10-70		
02S/11E-26D01M	SANDY MCKEON	P	I	W			D	292		10		C	1965	S	V	292				
02S/11E-27A01M	A.B.MCKEON	P	S	W										P	6	228	97	10-70		
02S/11E-29M01M	UNION PMPG.DIST	W	I	W			D	680	132		X		1951	T	V	201				
02S/11E-31P01M	OAKDALE I.D.	W	I	W										T	V	187	80	10-70		
02S/11E-35K01M	DONALD D.NELSON	P	S	W										P	6	170	41	10-70		
02S/12E-04M01M	RAYMOND WILLMS	P	S	W				453					1955	P	6	565				
02S/12E-05K01M	ROSALIE BACH	P	S	W				274		8				P	6	401				
02S/12E-07G01M	EDNA ADDIS	P	S	W										P	6	303				
02S/12E-08R01M	ROSALIE BACH	P	S	W										P	6	320				
02S/12E-09L01M	RAYMOND WILLMS	P	S	W				235						P	6	360	190	10-70		
02S/12E-10G01M	G.BRICHETTO	P	S	W					4	48	X			P	6	355	100	10-70		
02S/12E-15R01M	ABBIE S.GROHL	P	S	U				193	3	51	X			P	6	320	159	10-70		
02S/12E-17K01M	WILLIAM FAHEY	P	S	W										P	6	425	263	10-70		
02S/12E-18K01M	BESS G.ROSASCO	P	S	W										P	6	380				
02S/12E-21E01M	ALICE E.GROHL	P	S	W						48				P	6	305				

State well number	Owner or user	Ownership	Use of water	Use of well	Well data	Chemical analyses	Log data	Depth of well (feet below lsd)	Depth cased (feet below lsd)	Diameter (inches)	Well finish	Method drilled	Year drilled	Lift type	Power	Altitude of lsd (feet)	Water level (feet below lsd)	Date measured	Yield of well: Gallons per minute	Yield of well: Drawdown (feet)
02S/12E-23D01M	F.E.LOMBARDI	P	S	W										P	F	295				
02S/12E-25K01M	MICHEL INVST.CO	N	U	U			D	315	90	16	X	C	1952	N		222	46	11-70		
02S/12E-27E01M	E.A.ROSASCO	P	S	W				108		42				P	6	225	69	11-70		
02S/12E-29H01M	JOHN GROHL	P	S	W				115		61				P	6	230				
02S/12E-31G01M	JOHN GROHL	P	I	W			DE	484	124	12	P	H	1951	T	V	200	54	10-70	1320	148
02S/12E-32P01M	OAKDALE I.D	W	I	W			D	815		20			1945	T	V	190	34	11-70		
02S/12E-35C01M	ROY C.CULLERS	P	S	W										P	6	230	78	11-70		
02S/12E-36M01M	MARIE ROEN	P	I	W				315						T	V	215	73	11-70		
02S/13E-07Q01M	FRANK R.GATZMAN	P	S	W						6				P	6	415	10	10-70		
02S/13E-19A01M	BESS G.ROSASCO	P	S	W				71		58	X			P	6	256	11	10-70		
02S/13E-19N01M	FRED D.GATZMAN	P	S	W				150		48		D		P	6	240				
02S/13E-20Q01M	MICHELE CURTONI	P	S	W										P	6	245	29	11-70		
02S/13E-27C01M	L.M.HATLER	P	U	U						36				N		290	12	11-70		
03S/07E-09P01M	BARKDULL RANCH	P	I	W			E	276						T	V	35	12	11-70		
03S/07E-13A01M	MODESTO I.D.	W	D	W		M		250	0	16	X		1937	T	V	48				
03S/07E-15Q01M	E.T.MAPES	P	H	W										J	S	37	5	11-70		
03S/07E-16R01M	E.T.MAPES	P	H	W						6				C	S	30	7	11-70		
03S/07E-21H01M	E.T.MAPES	P	S	W						6				C	S	35	6	11-70		
03S/07E-22N01M	E.T.MAPES	P	H	W				50		6				J	S	34	8	11-70		
03S/07E-23F02M	MODESTO I.D.	W	D	W										T	V	41	8	11-70		
03S/07E-23H01M	MODESTO I.D.	W	D	W		M	D	90	70	14	X		1955	T	U	40				
03S/07E-24J01M	MODESTO I.D.	W	D	W		M	D	117	4	16	X		1949	T	V	50				
03S/07E-24M01M	MODESTO I.D.	W	D	W		M	D	64	44	16	X		1949	T	U	41	4	11-70		
03S/07E-25P01M	MODESTO I.D.	W	D	W		M	D	160	18	16	X		1933	T	V	44				
03S/07E-27F01M	E.T.MAPES	P	S	W										C	S	36				
03S/07E-29G01M	BARKDULL RANCH	P	H	W										J	S	26	4	11-70		
03S/07E-33C01M	D.V.PITTS	P	H	W		P		67						J	S	30	12	9-70		
03S/08E-04L01M	MODESTO I.D.	W	D	W		M	D	315	108	14	X		1925	T	U	62				
03S/08E-06D01M	R.B.MASON	P	H	W			D	137		7	F	H	1968	S	S	53	8	9-70		
03S/08E-06N01M	MODESTO I.D.	W	D	W		M	D	200	48	18	X		1938	T	V	50				
03S/08E-07Q01M	MODESTO I.D.	W	D	W		M	D	160	6	18	X		1939	T	5	48				
03S/08E-08D01M	MODESTO I.D.	W	I	D		M	D	130	57	18	X		1942	T	U	51				
03S/08E-09P01M	MODESTO I.D.	W	I	D		M	D	124	79	18	X		1948	T	V	57				
03S/08E-11N01M	MODESTO I.D.	W	D	W		M	D	100	91		X	H	1966	T	U	70	16	11-70		
03S/08E-13F01M	MODESTO I.D.	W	I	W		M	D	296	70	18	X		1949	T	V	77	17	12-70		
03S/08E-13J01M	CITY OF MODESTO	M	P	W		C	D	296	96	20	X	C	1966	T	W	78	21	1-71	3500	70
03S/08E-14M01M	MODESTO I.D.	W	D	W		M	D	100	62	18	X		1924	T	V	64	14	11-70		
03S/08E-15Q01M	MODESTO I.D.	W	D	W		M								T	U	65	17	11-70		
03S/08E-16E01M	MODESTO I.D.	W	D	W		M	D	85	0	16	X		1927	T	V	56	16	11-70		
03S/08E-16R01M	MODESTO I.D.	W	D	W		M	D	93	56	16	X		1923	T	U	60	42	11-70		
03S/08E-17L01M	MODESTO I.D.	W	D	W		M	D	85	0	16	X		1927	T	V	57	13	11-70		
03S/08E-18C01M	MODESTO I.D.	W	D	W		M	D	200	0	20	X		1926	T	U	47	8	11-70		
03S/08E-18J01M	MODESTO I.D.	W	D	W		M	D	77	0	16	X		1927	T	V	48	12	11-70		
03S/08E-18K01M	MODESTO I.D.	W	D	W		M	D	87	31	12	X		1924	T	U	50	14	11-70		
03S/08E-19C01M	MODESTO I.D.	W	D	W		M	D	58	0	18	X		1933	T	U	50	10	11-70		
03S/08E-19Q01M	MODESTO I.D.	W	D	W		M	D	95	80	14	X		1924	T	U	46	10	11-70		
03S/08E-20E01M	MODESTO I.D.	W	D	W		M	D	110	0	16	X		1929	T	V	48	11	11-70		
03S/08E-20R01M	MODESTO I.D.	W	D	W		M	D	72	6	18	X		1931	T	U	56	13	11-70		
03S/08E-22C01M	STATE OF CALIF.	S	U	O		C	DE	310	160	6	X	H	1961	N		64	18	11-70		
03S/08E-22C02M	STATE OF CALIF.	S	U	O		C	DE	131	45	6	X	H	1961	N		64	16	11-70		
03S/08E-22P01M	MODESTO I.D.	W	D	W		M								T	U	66	12	11-70		
03S/08E-23H01M	MODESTO I.D.	W	D	W		M	D	128	104	16	X		1924	T	U	71	15	11-70		
03S/08E-24C02M	MODESTO I.D.	W	I	W		C	D	467	152	18	F	H	1961	T	V	73	26	11-70		
03S/08E-26J01M	MODESTO I.D.	W	D	W		M	D	95	16	16	X		1933	T	U	70	16	11-70		
03S/08E-27H01M	MODESTO I.D.	W	D	W		M	D	98	81	16	X		1924	T	U	65	9	11-70		
03S/08E-28Q01M	MODESTO I.D.	W	D	W		M	D	138	127	14	X		1926	T	U	61	11	11-70		
03S/08E-29E01M	MODESTO I.D.	W	D	W		M	D	150	0	14	X		1926	T	U	51	12	11-70		
03S/08E-29K01M	MODESTO I.D.	W	D	W		M	D	240	151	12	X		1925	T	U	54	9	11-70		
03S/08E-30L01M	MODESTO I.D.	W	D	W			D	150	0	16	X		1927	T	U	50	7	12-70		
03S/08E-31G01M	MODESTO I.D.	W	D	W		M	D	76	0	14	X		1927	T	U	49	10	12-70		

State well number	Owner or user	Ownership	Use of water	Use of well	Well data	Chemical analyses	Log data	Depth of well (feet below lsd)	Depth cased (feet below lsd)	Diameter (inches)	Well finish	Method drilled	Year drilled	Lift type	Power	Altitude of lsd (feet)	Water level (feet below lsd)	Date measured	Yield of well: Gallons per minute	Yield of well: Drawdown (feet)
03S/08E-32C01M	MODESTO I.D.	W	D	W		M	D	86	0	16	X		1927	T	U	53	19	11-70		
03S/08E-34B01M	MODESTO I.D.	W	D	W		M	D	115	15	18	X		1931	T	V	64	12	11-70		
03S/09E-02P01M	MODESTO I.D.	W	D	W		M	D	155	0	18	X		1938	T	V	106	22	10-70		
03S/09E-03D01M	MODESTO I.D.	W	I	W		M	D	650	108	18	X		1949	T	V	109	29	12-70		
03S/09E-07C01M	MODESTO I.D.	W	I	W		M	D	380	114	18	P	H	1960	T	V	86				
03S/09E-08D01M	MODESTO I.D.	W	I	W		P	D	424	90	18	X			T	V	91				
03S/09E-08K01M	CITY OF MODESTO	M	P	W		C	D	395	91	20	X	C	1961	T	W	89	26	1-71	3500	81
03S/09E-09J01M	MODESTO I.D.	W	I	W		M	D	424	121	18	X		1949	T	V	98				
03S/09E-09P01M	CITY OF MODESTO	M	P	W		M		340	83	18	X		1963	T	V	94				
03S/09E-11M01M	MODESTO I.D.	W	D	W		M	D	70	0	16	X		1936	T	U	99	16	10-70		
03S/09E-14P01M	MODESTO I.D.	W	I	W		M	D	255	78	18	X		1949	T	V	101				
03S/09E-16N02M	CITY OF MODESTO	M	P	W		M	D	320	144	20	X	C	1959	T	W	90	38	1-71	3100	59
03S/09E-17D01M	CITY OF MODESTO	M	P	W		M		300	272	20	X	C	1961	T	W	86	26	1-71		
03S/09E-17N01M	CITY OF MODESTO	M	P	W		C								T	V	87				
03S/09E-17P01M	CITY OF MODESTO	M	P	W		C	D	220	74	20	P	C	1961	T	V	87	40	1-71	3000	56
03S/09E-19B01M	CITY OF MODESTO	M	P	W		C								T	U	79	30	1-71		
03S/09E-19C01M	CITY OF MODESTO	M	P	W		C	D	280	130	20	X	C	1959	T	W	78	28	1-71	2700	46
03S/09E-19J01M	CITY OF MODESTO	M	P	W		M	D	200		12	O	C	1944	T	V	88	42	1-71	1350	51
03S/09E-20C01M	CITY OF MODESTO	M	P	W		M	D	232	116	20	X	C	1954	T	V	87	19	1-71	2000	54
03S/09E-20J01M	CITY OF MODESTO	M	P	W		M	D	125	112	24	X	C	1936	T	V	88	42	1-71		
03S/09E-20K01M	CITY OF MODESTO	M	P	W		M	D	263	180	24	X	C	1948	T	V	86	45	1-71		
03S/09E-21A01M	MODESTO I.D.	W	U	Z		C	D	275	95	18	X		1949			95				
03S/09E-21P01M	CITY OF MODESTO	M	P	W		M	D	125	118	24	X	C	1944	T	V	91				
03S/09E-22N01M	CITY OF MODESTO	M	P	W		M	D	250	104	20	X	C	1956	T	V	96	45	1-71		
03S/09E-23E01M	CITY OF MODESTO	M	P	W						16				T	U	101				
03S/09E-26A01M	CITY OF MODESTO	M	N	W			D	94	80	7	X	C	1969	T	U	102			350	
03S/09E-28C01M	CITY OF MODESTO	M	P	W		M	D	234	175	18	X	C	1921	T	V	91	15	1-71		
03S/09E-28K01M	CITY OF MODESTO	M	P	W		C	D	158	104	16	X	C	1968	T	V	84	45	1-71		
03S/09E-28M01M	CITY OF MODESTO	M	P	W		M	D	118	92	12	X	C	1954	T	V	90	60	1-71	1000	60
03S/09E-29B01M	CITY OF MODESTO	M	P	W		M	D	260	210	18	F	C		T	V	87				
03S/09E-29D02M	CITY OF MODESTO	M	P	W		M	D	220	121	16	X	C	1964	T	V	83			1250	86
03S/09E-29G01M	CITY OF MODESTO	M	P	W		M		112	92	14	X	C	1928	T	V	87	52	1-71		
03S/09E-29L01M	CITY OF MODESTO	M	P	W		M	D	118	90	14	X	C	1955	T	W	86	49	1-71	2000	80
03S/09E-29P01M	CITY OF MODESTO	M	P	W		C	D	124	92	16	X	C	1956	T	V	87	52	1-71	2700	79
03S/09E-30E01M	CITY OF MODESTO	M	P	W		C	D	112	100	16	X	C	1967	T	V	78	36	1-71	2200	66
03S/09E-31F01M	CITY OF MODESTO	M	P	W		C	D	276	92	14	X	C	1964	T	V	79	38	1-71		
03S/09E-32A01M	CITY OF MODESTO	M	P	W		M	D	225	137	14	X	C	1933	S	V	87				
03S/09E-32F01M	CITY OF MODESTO	M	P	W		M	D	200	100	30	P	C	1919	T	V	84	58	1-71		
03S/09E-32G01M	CITY OF MODESTO	M	P	W		M	D	110	96	24	X	C	1938	N		84	48	1-71		
03S/09E-32P01M	CITY OF MODESTO	M	P	W		M	D	155	135	20	X	C	1944	T	V	81	53	1-71		
03S/09E-34B01M	DEL ESTE WATER	W	N	W			D	264	168	12	P	C	1945	T	V	95				
03S/10E-02F01M	JAMES WAENY	P	I	W										T	V	180	65	10-70		
03S/10E-04G01M	WILLIAM D.INGLE	P	H	W										J	S	156				
03S/10E-06G01M	MODESTO I.D.	W	I	W		M	D	480	116	18	F	H	1959	T	V	126				
03S/10E-08D01M	MODESTO I.D.	W	I	W		M	D	510	161	18	X		1948	T	V	130				
03S/10E-10A01M	FOSTER FARMS	N	U	U										N		166	49	10-70		
03S/10E-12D01M	FOSTER FARMS	N	S	W						8				N		174	52	10-70		
03S/10E-13A01M	QUINN R.S.CO	N	I	W		C		780						T	V	166				
03S/10E-14L01M	JOHN ROCHA JR	P	I	W										T	V	155	55	10-70		
03S/10E-16A01M	J.L.SERPA	P	I	W										T	S	142	33	10-70		
03S/10E-17K01M	MODESTO I.D.	W	I	W		M	D	476	106	18	X	C	1959	T	V	131			3200	62
03S/10E-18P01M	MODESTO I.D.	W	I	W		M	D	606	87	18	X		1949	T	V	114				
03S/10E-22G01M	EDWARD JOHNSON	P	S	W										J	S	140	41	10-70		
03S/10E-23A01M	JOHN ROCHA JR	P	H	W						6				S	S	172	63	10-70		
03S/10E-25A01M	FOSTER FARMS	N	S	W			D	275	156	8	X	C	1963	T	U	147				
03S/10E-26M01M	MODESTO I.D.	W	I	W			D	330	240	18	X		1958	T	V	132				
03S/10E-28C01M	FRED BENEDICT	P	H	W				138					1970	S	S	125	39	10-70		
03S/10E-28R01M	C.DE MARTINI	P	I	W			D	267	118	16	P	C	1950	T	V	125	52	10-70	2000	24
03S/10E-29K01M	MODESTO I.D.	W	I	W		M	D	370	128	18	X		1948	T	V	117				
03S/10E-30P01M	W.D.WEAVER	P	I	W			D	324	100	14	X	C	1955	T	V	110	43	4-71		

State well number	Owner or user	Ownership	Use of water	Use of well	Well data	Chemical analyses	Log data	Depth of well (feet below lsd)	Depth cased (feet below lsd)	Diameter (inches)	Well finish	Method drilled	Year drilled	Lift type	Power	Altitude of lsd (feet)	Water level (feet below lsd)	Date measured	Yield of well: Gallons per minute	Yield of well: Drawdown (feet)
03S/10E-32G01M	MODESTO I.D.	W	I	W		M	D	260	141	18	X		1948	T	V	120	61	10-70		
03S/10E-35P01M	MAX D.HOUCK	P	H	W			D	167	160	7	D	C	1951	T	T	135	77	10-70		
03S/11E-01B01M	FOSTER FARMS	N	S	W										S	5	175	34			
03S/11E-03B01M	L.H.ROSASCO	P	S	W										P	6	208	85	10-70		
03S/11E-04N01M	VERNON RODDEN	P	I	W										T	V	211	103	10-70		
03S/11E-05A01M	SHEDD-HARVEY	P	H	W						14				S	5	207				
03S/11E-07C01M	DORIS I.BOOTH	P	I	W										T	V	189	81	10-70		
03S/11E-09A01M	V.A.RODDEN	P	I	W			D	802	160	14	X	H	1950	T	W	235			2500	145
03S/11E-13R01M	S.FUSCO	P	I	W			D	521	222	12	X	C	1962	T	V	182	47	10-70	2050	36
03S/11E-14P01M	C.SCHULTZ	P	H	W						6				S	5	152	36	10-70		
03S/11E-18L01M	QUINN R.S.CO	N	H	W										T	V	162	58	10-70		
03S/11E-20G01M	FOSTER FARMS	N	H	W			D	197	112	8	X	C	1966	T	U	161	58	10-70		
03S/11E-22D01M	JAMES LUCAS	P	H	W			D	160	100	8	X		1968	S	5	155	49	10-70		
03S/11E-25K01M	F.C.LARRICK	P	H	W				130		8				P	6	149	79	10-70		
03S/11E-27G01M	WATERFORD I.D.	W	I	W			D	200	110	12	X	C	1959	T	V	180	78	10-70	2000	88
03S/11E-28G01M	WATERFORD I.D.	W	I	W			D	235	103	14	X	C	1960	T	V	160			2000	93
03S/11E-29L01M	D.ELKINS	P	H	W			D	85	62	8	X	C	1956	J	S	154				
03S/11E-31K01M	RICHARD A.OBERG	P	H	W			D	125	110	6	F		1968	S	5	150	67	10-70		
03S/11E-33L01M	JAMES MILLER	P	H	W			D	210	165	6	X		1969	S	5	164				
03S/11E-34C01M	M.D.GATZMAN	P	U	P		P								N		78	FLOW			
03S/11E-34C02M	M.D.GATZMAN	P	U	P		P								N		90	FLOW			
03S/11E-34D01M	M.D.GATZMAN	P	U	P										N		75	FLOW			
03S/11E-34K01M	LEAH K.MEIKLE	P	I	W										T	V	76	74	4-71		
03S/11E-36L01M	GILBERT H.HOLT	P	U	U				76		6				N		171	73	4-71		
03S/12E-03B01M	GEORGE FAHEY	P	I	W										T	V	200				
03S/12E-06C01M	J.DE BOER	P	I	W			D	216	165	10	X		1967	T	5	190	35	10-70		
03S/12E-10R01M	DONALD JACKSON	P	S	W				170						P	6	285	118	11-70		
03S/12E-12K01M	L.W.TRIPLETT	P	S	W				157		6			1932	P	F	255	99	11-70		
03S/12E-14B01M	R.W.ICHORD	P	S	W										P	6	240	76	11-70		
03S/12E-15H01M	BUDD V.HANSON	P	S	W										P	6	220	57	11-70		
03S/12E-18K01M	WATERFORD I.D.	W	I	W			D	228	91	14	X			T	V	192	41	10-70	2000	37
03S/12E-19G01M	WATERFORD I.D.	W	I	W				380	168	14	X	C	1959	T	V	200	51	10-70	1500	
03S/12E-20P01M	WATERFORD I.D.	W	I	W				365	82	14	X	C	1959	T	V	205	32	10-70	1500	76
03S/12E-24A01M	EDWARD W.RODDEN	P	S	W				150		48				P	6	270	114	11-70		
03S/12E-26J01M	IVER FUNK	P	H	W			D	210		7	X		1949	S	5	212	68	11-70		
03S/12E-27M01M	CHARLES ROGERS	P	H	W			D	132	120	10	X		1951	S	5	200	62	10-70		
03S/12E-33E01M	TULAR E.WARNER	P	U	U				150		6			1933	N		180	75	4-71		
03S/12E-36Q01M	STATE OF CALIF.	S	P	W			D	200	100	12	P	C	1951	S	5	225			50	30
03S/13E-01Q01M	C.B.HARVEY	P	U	U						42				N		360				
03S/13E-03A01M	D.ARMSTRONG	P	U	U						46				N		270	30	11-70		
03S/13E-04L01M	L.W.TRIPLETT	P	S	W				180						P	F	300				
03S/13E-07A01M	W.R.FINNEY	P	S	W				140						P	6	260	98	11-70		
03S/13E-09K01M	ELVA M.BRAILEY	P	S	W										P	6	315				
03S/13E-10F01M	INEZ CORRIGAN	P	S	W			D	312	32	12	X	C	1951	P	6	320				
03S/13E-14P01M	GRANGE CO	P	S	W			D	378	223	7	P		1960	S	5	275	96	11-70		
03S/13E-20Q01M	IVER ERICKSON	P	I	W				330		14				T	V	235	77	11-70		
03S/13E-22N01M	JOHN BOERE JR	P	H	W				65						T	T	245	46	11-70		
03S/13E-24M01M	F.R.DOLLING	P	U	U				127		7			1932	N		270	52	11-70		
03S/13E-25M01M	ROBERT CALVERT	P	H	W			D	150	100	6	X	C	1957	J	S	182	10	11-70		
03S/13E-26B01M	WILLIAM RODDEN	P	S	W										S	5	275				
03S/13E-27L01M	F.R.DOLLING	P	S	W										P	6	245	78	11-70		
03S/13E-27P01M	JAMES S.RAIRDEN	P	H	W				150		7			1910	S	S	190	35	11-70		
03S/13E-29M01M	D.VAUGHAN	P	S	W				240		8		C	1963	S	5	235	73	11-70		
03S/13E-30F01M	ROBERT P.CREE	P	I	W				320						T	V	222				
03S/13E-31K01M	STATE OF CALIF.	S	P	W						7				C	T	150				
03S/13E-31L01M	STATE OF CALIF.	S	P	W										N		145	FLOW	11-70	22	
03S/13E-33B01M	D.VAUGHN	P	H	W		P		120						S	5	250	41	11-70		
03S/13E-33N01M	JOEL HALL	P	I	W			D	492	156	16	X		1968	T	V	250	73	11-70		
03S/13E-34H01M	F.R.DOLLING	P	U	U				900		16			1946	N		165				
03S/13E-35L01M	W.D.ZANKER	P	S	W						7				J	5	175	35	11-70		

State well number	Owner or user	Ownership	Use of water	Use of well	Well data	Chemical analyses	Log data	Depth of well (feet below lsd)	Depth cased (feet below lsd)	Diameter (inches)	Well finish	Method drilled	Year drilled	Lift type	Power	Altitude of lsd (feet)	Water level (feet below lsd)	Date measured	Yield of well: Gallons per minute	Yield of well: Drawdown (feet)
03S/14E-07J01M	V.A.RODDEN INC	N	S	W										P	6	395	10	11-70		
03S/14E-18R01M	MODESTO I.D.	W	H	W		C	D	37	32	7	P		1954	T	5	195	12	11-70		
04S/07E-02G01M	E.T.MAPES	P	H	W										C	S	40	15	1-71		
04S/07E-12K01M	ROBERT BOGETTI	P	H	W										J	T	46	19	1-71		
04S/07E-24A01M	PETER NAVARRO	P	I	W			D	125	0	24	F	C	1967	T	V	49	18	1-71	3000	36
04S/07E-25C01M	STANISLAUS CNTY	C	T	W			D	44	0	7	P	C	1951	J	T	30	12	1-71		
04S/08E-02H01M	MODESTO I.D.	W	I	W		M	D	88	36	18	X		1949	T	V	70	23	11-70		
04S/08E-03F01M	MODESTO I.D.	W	I	W		M	D	98	66	18	F		1948	T	V	60	13	11-70		
04S/08E-03K01M	MODESTO I.D.	W	D	W		M	D	95	0	16	X		1927	T	U	63	18	11-70		
04S/08E-04G01M	MODESTO I.D.	W	D	W		M	D	175	12	18	X		1937	T	V	57	12	11-70		
04S/08E-04N01M	MODESTO I.D.	W	D	W			D	95	9	18	X		1931	T	V	55	13	11-70		
04S/08E-05P01M	MODESTO I.D.	W	D	W		M	D	95	0	16	X		1927	T	U	52	11	11-70		
04S/08E-06K01M	MODESTO I.D.	W	D	W		M	D	72	24	12	F		1945	T	U	48	12	11-70		
04S/08E-14D01M	HOMER COUCHMAN	P	S	W				125	100	10	F	H	1970	J	T	51				
04S/08E-17B01M	CALEN HARTWICH	P	H	W						12				S	T	51	20	1-71		
04S/08E-20K01M	PETER NAVARRO	P	U	U			D	77	65	8	P	C	1950	N		50	21	1-71		
04S/08E-22R01M	TURLOCK I.D.	W	U	U			D	230	0	18	X	C	1928	N		55	8	1-71	850	55
04S/08E-24A01M	TURLOCK I.D.	W	D	W		M	D	258	0	18	X	C	1945	T	V	65	9	1-71	1800	34
04S/08E-26R01M	TURLOCK I.D.	W	D	W			D	230	48	18	F		1928	T	V	50				
04S/08E-27M01M	TURLOCK I.D.	W	D	W		M	D	264	0	18	F		1944	T	V	50				
04S/08E-30D01M	STANISLAUS CNTY	C	T	W			D	116	72	12	F	H	1967	T	U	45			1900	
04S/08E-34D01M	TURLOCK I.D.	W	U	U				6		3	X			N		49	DRY			
04S/09E-03B01M	CITY OF MODESTO	M	P	W		C	D	59	57	12	X	C	1965	T	V	61	18	1-71	800	50
04S/09E-03D01M	CITY OF MODESTO	M	P	W		C		108	92	7	X	C	1953	T	U	58				
04S/09E-05H01M	CITY OF MODESTO	M	P	W		M	D	144	128	14	X	C	1964	T	V	70			1500	82
04S/09E-05J01M	CITY OF MODESTO	M	P	W		M	D	123	94	14	X	C	1964	T	V	75	38	1-71	1250	72
04S/09E-05P01M	CITY OF MODESTO	M	P	W			D	195	154	14	X	C	1959	T	V	58	17	1-71	1500	78
04S/09E-06K01M	CITY OF MODESTO	M	P	W		C	D	142	110	16	X	C	1967	T	V	70	34	1-71	1400	93
04S/09E-06R01M	CITY OF MODESTO	M	P	W		C	D	103	84	20	X	C	1948	T	V	55				
04S/09E-07P01M	FAIRVIEW SCHOOL	N	H	W			D	85	62	10	X	C	1951	T	U	75	23	1-76		
04S/09E-08A01M	CITY OF MODESTO	M	P	W		M	D	136	87	12	X	C	1962	T	V	84	42			
04S/09E-08G01M	CITY OF MODESTO	M	P	W		C				14				T	V	83	32	1-71		
04S/09E-08K01M	CITY OF MODESTO	M	P	W		M				14				T	V	83	33	1-71		
04S/09E-09B01M	CITY OF MODESTO	M	P	W		C				14				T	U	87				
04S/09E-09B02M	CITY OF MODESTO	M	P	W		M				14				T	V	87	42	1-71		
04S/09E-09D01M	CITY OF MODESTO	M	P	W		M	D	127	80	14	X	C	1958	T	V	84				
04S/09E-09K01M	CITY OF MODESTO	M	P	W		C	D	240	224	16	X	C	1957	T	V	86	35	1-71	950	64
04S/09E-09Q01M	CITY OF MODESTO	M	P	W		C	D	130	120	14	X	C	1957	T	V	85			1625	66
04S/09E-11D01M	TURLOCK I.D.	W	D	W			D	264	104	24	X	C	1954	T	V	95	39	1-71	2600	75
04S/09E-12E01M	CITY OF CERES	M	P	W			D	103	80	14	X	C	1962	T	V	96			1500	72
04S/09E-13H01M	E.J.CAULKINS	P	H	W			D	141	126	6	P	H	1967	J	S	99	24	1-71		
04S/09E-14L01M	RALPH PECKHAM	P	H	W				103	70	4	X	C	1906	C	S	88	17	1-71		
04S/09E-16D01M	PROCTOR-GAMBLE	N	I	W			D	244	0	16	F	C	1967	T	V	84	25	1-71	3450	58
04S/09E-19A01M	TURLOCK I.D.	W	D	W			D	280	0	24	F		1938	T	V	67				
04S/09E-20A01M	TURLOCK I.D.	W	D	W			D	130	9	18	X		1933	T	V	70	10	1-71		
04S/09E-22C01M	TURLOCK I.D.	W	D	W		M	D	172	0	24	X		1934	T	V	79			1200	16
04S/09E-24M01M	TURLOCK I.D.	W	D	W			D	230	0	16	F	C	1952	T	T	90	14	1-71		
04S/09E-25H02M	TURLOCK I.D.	W	D	W			D	167	36	16	F		1959	T	V	90				
04S/09E-26L01M	TURLOCK I.D.	W	D	W			D	290	0	24	X		1947	T	V	76	5	1-71		
04S/09E-28J01M	TURLOCK I.D.	W	D	W			D	260	58	18	F		1951	T	V	75	8	1-71	2000	46
04S/09E-30Q01M	TURLOCK I.D.	W	D	W			D	88	0	18	X		1933	T	V	65	7	1-71	1100	15
04S/09E-32J01M	TURLOCK I.D.	W	D	W			D	172	0	18	X		1957	T	V	64			2500	37
04S/09E-35E01M	ROBERT M.EARL	P	H	W			D	60	56	7	X	C	1959	J	S	81	10	1-71		
04S/10E-02M01M	LEE DAMIR	P	I	W			D	500	104	18	X	C	1955	T	W	127	50	1-71	2800	78
04S/10E-04C01M	EVAN HUGHES	P	I	W			D	172	165	10	X		1968	S	5	125	70	1-71	160	
04S/10E-06Q01M	L.S.PARKS	P	H	W			D	175	144	10	X	C	1957	T	T	107				
04S/10E-08C01M	WAGNER PUMP I.D	W	I	W			D	515	137	18	X	H	1961	T	V	112	48	1-71	3250	26
04S/10E-10F01M	RIVERBANK WATER	N	P	W		M	D	385	200	16	X		1961	T	V	125				
04S/10E-12A01M	W.E.HUDLESON	P	I	W				230	230	16	O			T	V	140	57	1-71	2000	20
04S/10E-14H01M	MCMULLIN P.DIST	W	I	W			D	505	125	16	X		1961	T	V	130			2700	38

State well number	Owner or user	Ownership	Use of water	Use of well	Well data	Chemical analyses	Log data	Depth of well (feet below lsd)	Depth cased (feet below lsd)	Diameter (inches)	Well finish	Method drilled	Year drilled	Lift type	Power	Altitude of lsd (feet)	Water level (feet below lsd)	Date measured	Yield of well: Gallons per minute	Yield of well: Drawdown (feet)
04S/10E-17J01M	RONALD BRUMLEY	P	H	W			D	100	93	6	X	H	1954	J	S	109	26	1-71		
04S/10E-21E01M	W.C.FISHER	P	H	W				70	70	6	X			J	S	105	14	1-71		
04S/10E-22B01M	PAUL KOETZER	P	I	W										T	V	118	28	1-71		
04S/10E-24B01M	E.TOMLINSON	P	I	W			D	372	96	16	X	C	1955	T	V	130	30	1-71	3750	72
04S/10E-25F01M	JAMES DOERKSEN	P	I	W		C		138	128	10				T	U	130	35	1-71		
04S/10E-27P01M	FRANK PIMENTEL	P	H	W				210	170	6		C	1968	J	T	113	20	1-71		
04S/10E-29B01M	TURLOCK I.D.	W	D	W			D	120	0	16	P	C	1958	T	V	101	7	1-71	1350	52
04S/10E-31B01M	TURLOCK I.D.	W	D	W			D	288	0	18	P		1939	T	U	93	9	1-71		
04S/10E-33J01M	G.STAMMERJOHN	P	I	W				228	105	16	X	C	1949	T	V	104	16	1-71		
04S/10E-35R01M	C.FERNANDES	P	U	U										J	S	117	23	1-71		
04S/11E-01E01M	CARL E.MORRISON	P	H	W			D	92	80	8	X	C	1958	J	S	177	66	4-71		
04S/11E-03C01M	HICKMAN SCHOOL	M	T	W			D	156	132	10	X		1952	T	T	172				
04S/11E-04C01M	FRANK E.CRAIG	P	I	W			D	440	160	14	X	C	1954	T	V	166	68	1-71	1800	95
04S/11E-06P01M	M.T.ZAMBRUNO	W	I	W										T	V	147	72	1-71		
04S/11E-08A01M	TURLOCK I.D.	W	D	W		C	D	540	105	16	X	C	1954	T	S	165	67	1-71		
04S/11E-11H01M	FOSTER FARMS	N	I	W			D	425	210		X	C		T	V	165	52	4-71	2150	15
04S/11E-13F01M	VIRGIL REYNOLDS	P	U	U				120					1916	P	6	206	94	4-71		
04S/11E-15J01M	FIRST WEST.BANK	N	I	W						14				T	V	175				
04S/11E-16J01M	JOHN WASSUM	P	S	W			D	104	90	10	X	C	1955	T	S	152				
04S/11E-18A01M	WAYNE NORRIS	P	H	W			D	136	112	7	X	C	1957	J	S	144				
04S/11E-20M01M	GRATTON SCHOOL	C	T	W			D	191	140	6	X		1961	S	S	142	37	1-71		
04S/11E-22R01M	FOSTER FARMS	N	I	W			D	486	132	16	X	C	1968	T	V	170	79	4-71	2625	92
04S/11E-26F01M	FERN B.WASSUM	P	I	W			D	302	98	14	X	C	1955	T	V	167	66	4-71	1840	29
04S/11E-28J01M	ORTH RANCH	N	I	W			D	142	75	14	X	C	1955	T	V	160	51	1-71		
04S/11E-30K01M	W.E.SPERRY	P	I	W			D	220	68	16	X	C	1956	T	V	132			2000	65
04S/11E-32P01M	TURLOCK I.D.	W	D	W			D	226	21	18	X	C	1951	T	S	129	28	1-71	2000	53
04S/11E-34H01M	J.N.ALBERS	P	I	W			D	268	120	14	P	C	1964	T	V	165	62	4-71	2000	94
04S/11E-36N01M	H.N.CRECELIUS	P	I	W			D	600	383	14	X	C	1963	T	W	222	119	4-71	2500	114
04S/12E-01P01M	LARRY HOOKER	P	S	W			D	115	92	7	X	C	1969		S	245	70	12-70		
04S/12E-02C01M	LARRY HOOKER	P	H	W			D	290	136	7	X	C	1959	S	T	230				
04S/12E-03D01M	WILSON NURSERY	N	I	W		P	D	190		16			1969	T	V	190			2200	
04S/12E-03J01M	LARRY HOOKER	P	I	W										T	V	195	58	12-70		
04S/12E-06G01M	DALMATIA VNYRDS	N	I	W			D	375	120	16	X	C	1961	T	V	196	83	4-71	2100	87
04S/12E-07J01M	ESTMRLND VNYRDS	N	I	W										T	V	193	74	4-71		
04S/12E-08G01M	BLK.BROS.VNYRDS	N	I	W										T	V	245	124	4-71		
04S/12E-09Q01M	J.H.REAL.DEV.CO	N	S	W				225		8			1952	P	6	217	85	4-71		
04S/12E-15F01M	R.S.HAWKINS	N	S	W				125				V	1914	P	6	204	50	68	2	
04S/12E-16A01M	FRED R.HAWKINS	N	H	W				100					1914	J	T	209	77	4-71	12	
04S/12E-17G01M	ABERNTHY VNYRDS	N	I	W			D	360	176	16	X	C	1964	T	V	230			2100	148
04S/12E-19N01M	J.H.REAL.DEV.CO	N	I	W										T	W	235	126	4-71		
04S/12E-21G01M	R.S.HAWKINS	N	S	W				430	140	8	X		1969	S	U	266	135	4-71	150	
04S/12E-25B01M	BANK OF CALIF	N	S	W										P	6	232	80	12-70		
04S/12E-26C01M	H.NARAGHI FARMS	N	I	W										T	V	275	138	12-70		
04S/12E-27E01M	H.NARAGHI FARMS	N	I	W			D	690	370	16	X	C	1962	T	V	245			2300	128
04S/12E-30Q01M	H.NARAGHI FARMS	N	I	W			D	460	184	14	X	C	1967	T	V	240				
04S/12E-33M01M	J.H.REAL.DEV.CO	N	I	W			D	552	164	14	X	C	1966	T	V	239	124	4-71	2600	115
04S/12E-36L01M	F.A.BRUMLEY	P	S	W										P	6	252	111	12-70		
04S/12E-36P01M	F.A.BRUMLEY	P	I	W			D	364	186	16	X		1959	T	V	265			2000	137
04S/13E-03D01M	L.E.DANIELS	P	D	W				120				D		P	T	270	74	12-70		
04S/13E-04A01M	WILLIAM FANNING	P	H	W			D	315	100	10	X	C	1958	T	U	240			350	94
04S/13E-09H01M	LARRY HOOKER	P	U	U						8				P	1	280	63	12-70		
04S/13E-11D01M	JAMES L.SAWYER	P	S	W				120				C	1955	P	6	255	45	12-70		
04S/13E-12M01M	VERNA HALTERMAN	P	S	W										P	F	390	188	12-70		
04S/13E-15D01M	WILLIAM HALL	P	S	W										S	5	290	96	12-70		
04S/13E-17D01M	LARRY HOOKER	P	S	W				200						P	6	265	65	12-70		
04S/13E-18J01M	E.ERICKSON	P	H	W										P	6	285				
04S/13E-20M01M	E.ERICKSON	P	H	W				210						P	F	295				
04S/13E-23C01M	JAMES L.SAWYER	P	S	W						8				P	6	325				
04S/13E-27C01M	JAMES L.SAWYER	P	S	W										J	T	270	88	12-70		
04S/13E-28Q01M	JAMES L.SAWYER	P	H	W			D	620	124	10	X	C	1957	J	T	255	80	12-70	400	95

State well number	Owner or user	Ownership	Use of water	Use of well	Well data	Chemical analyses	Log data	Depth of well (feet below lsd)	Depth cased (feet below lsd)	Diameter (inches)	Well finish	Method drilled	Year drilled	Lift type	Power	Altitude of lsd (feet)	Water level (feet below lsd)	Date measured	Yield of well: Gallons per minute	Yield of well: Drawdown (feet)
04S/13E-29P01M	WELLS FARGO BNK	N	S	W										P	6	245	76	12-70		
04S/13E-30P01M	WELLS FARGO BNK	N	S	W										P	6	325				
04S/13E-34P01M	PAUL ERICKSON	P	H	W		C				12				S	5	205	26	12-70		
04S/13E-36N01M	RUTH CASSINELLA	P	I	W			D	261	104	14	X	C	1953	T	V	280	75	12-70		
04S/14E-06P01M	J.C.ROSASCO	P	S	W										P	6	290	67	11-70		
04S/14E-08J01M	J.C.ROSASCO	P	H	W			D	211	66	16	X	C	1960	T	U	360	78	11-70	710	22
04S/14E-17J01M	J.C.ROSASCO	P	S	W										P	6	306	33	11-70		
04S/14E-18H01M	HENRY PAEIRA	P	S	W						50	X			P	6	315	92	12-70		
04S/14E-20G01M	J.C.ROSASCO	P	S	W						8				P	6	303	99	11-70		
04S/14E-21P01M	J.C.ROSASCO	P	I	W				600		16				T	V	258	67	12-70		
04S/14E-22L01M	M.WOOLSTENHULME	P	H	W						10				J	T	295	36	12-70		
04S/14E-26E01M	R.M.DUNTLEY	P	S	W						8				P	6	300	21	11-70		
04S/14E-30H01M	U.S.BUR.OF RECL	F	U	O			E	205		5			1958	N		248	33	12-70		
04S/14E-31N01M	D.D.NICOLAYSEN	P	U	U				575		14				N		290	94	12-70		
04S/14E-32P01M	SUNSHINE HATCH.	N	S	W						8				S	5	330	100	12-70		
04S/14E-33H01M	M.WOOLSTENHULME	P	S	W								D		P	6	295	68	12-70		
04S/14E-35E01M	R.M.DUNTLEY	P	S	W						7				P	6	320	4	11-70		
04S/15E-30P01M	H.D.KELSEY	P	S	W						8				J	S	375		11-70		
04S/15E-32M01M	H.D.KELSEY	P	S	W						8				J	S	410				
04S/15E-32N01M	H.D.KELSEY	P	S	W				100		8				S	5	440				
05S/08E-01R01M	TURLOCK I.D.	W	D	W		C	D	266	0	18	X		1949	T	V	56	7	1-71		
05S/08E-03A01M	HAILWOOD INC.	N	I	W			DE	150	75	16	F	H	1961	T	V	53	8	1-71	3000	30
05S/08E-11A01M	MANUEL NUNES JR	P	H	W			D	100	77	7	X	H	1967	J	S	52	8	1-71		
05S/08E-13A01M	MANUEL FURTADO	P	H	W			D	80	68	9	F	H	1969	J	S	54				
05S/08E-24B01M	W.H.DAVIS	P	H	W			D	59	54	7	X	C	1959	J	S	51	11	1-71		
05S/09E-01Q01M	TURLOCK I.D.	W	D	W			D	262	5	16	X		1944	T	V	81	8	1-71	1800	34
05S/09E-03H01M	R.BERRYHILL	P	I	W			D	160	99	14	X	C	1957	T	V	75	6	1-71	1540	24
05S/09E-04A01M	STATE OF CALIF.	S	U	O		C	D	201	90	6	X		1961	N		69	6	1-71		
05S/09E-04E01M	ROSE A.CHAPMAN	P	I	W			D	164	80	16	P	C	1957	T	V	66	7	1-71	2125	16
05S/09E-06R02M	DALE SINCLEAR	P	I	W			D	186	85	16	X	C	1961	T	V	61	6	1-71	3000	30
05S/09E-09A01M	TURLOCK I.D.	W	D	W		C	D	65	42	18	X		1929	T	V	65			1400	21
05S/09E-11L01M	TURLOCK I.D.	W	D	W			D	117	0	18	X		1927	T	V	73				
05S/09E-13G01M	TURLOCK I.D.	W	D	W		C	D	69	64	16	X		1925	T	U	77	3	1-71		
05S/09E-14E01M	TURLOCK I.D.	W	D	W			D	130	125	16	X		1924	T	U	69				
05S/09E-16H01M	TURLOCK I.D.	W	D	W		P	D	129	124	16	X		1925	T	U	67				
05S/09E-17Q01M	TURLOCK I.D.	W	D	W		P	D	260	183	16	X		1940	T	V	59				
05S/09E-18D01M	J.LAMB	P	H	W		C		45		6				C	S	55	7	1-71		
05S/09E-20K01M	TURLOCK I.D.	W	D	W			D	182	0	18	F		1932	T	U	57			1100	32
05S/09E-22N01M	TURLOCK I.D.	W	D	W			D	147	0	14	F		1930	T	U	61			1470	28
05S/09E-24J01M	TURLOCK I.D.	W	D	W			D	64	0	18	P		1926	T	V	76				
05S/09E-26G01M	D.SORENSEN	P	H	W						7				C	S	70	6	1-71		
05S/09E-28E01M	E.S.ANDERSON	P	H	W		C		35	15	6	P		1953	C	S	59	4	1-71		
05S/09E-30N01M	K.MILLER CORP.	N	N	W				200					1969	T	V	51				
05S/09E-32Q02M	E.HARRITY	P	U	U			D	102	94	7	X	C	1950	N		56	11	1-71		
05S/09E-33R02M	TURLOCK I.D.	W	U	U		C	D	95	0	14	X		1926	N		62	33	1-71		
05S/09E-35Q01M	TURLOCK I.D.	W	D	W				70			F		1956	T	V	65			1000	43
05S/09E-35R01M	TURLOCK I.D.	W	Z	Z		M	D	268	0	24	X		1935	N		65				
05S/09E-36R01M	RUDY HOLLAND	P	C	W				60		7				C	S	73	3	1-71		
05S/10E-01A02M	TURLOCK I.D.	W	D	W			D	350	131	18	P		1956	T	V	121			2830	63
05S/10E-03C01M	VERNE M.LARSON	P	H	W						6				C	S	105	9	1-71		
05S/10E-05D01M	TURLOCK I.D.	W	D	W		M		46		16			1922	T	U	93				
05S/10E-08M01M	TURLOCK I.D.	W	D	W			D	45	27	16	X		1924	T	U	90				
05S/10E-09G01M	TURLOCK I.D.	W	D	W			D	142		16			1925	T	U	97	8	1-71		
05S/10E-11A01M	JOHN WASSUM	P	H	W			D	134	52	7	X	C	1950	J	S	110	28	1-71		
05S/10E-14E01M	CITY OF TURLOCK	M	P	W		C		433	203	14	X			S	V	102				
05S/10E-20A01M	TURLOCK I.D.	W	D	W			D	254	0	24	X		1945	T	U	88	8	1-71	1050	22
05S/10E-22G01M	CITY OF TURLOCK	M	P	W		C	D	420	286	16	X		1947	S	V	97				
05S/10E-24C01M	TURLOCK I.D.	W	D	W				325		18			1938	T	V	104	15	4-71	1730	41
05S/10E-25N01M	STATE OF CALIF.	S	U	U			DE	226	140	10	F	H	1969	N		103	20	1-71	596	24
05S/10E-28H01M	TURLOCK I.D.	W	D	W			D	230	0	18	X		1929	T	U	91			1330	45

State well number	Owner or user	Ownership	Use of water	Use of well	Well data	Chemical analyses	Log data	Depth of well (feet below lsd)	Depth cased (feet below lsd)	Diameter (inches)	Well finish	Method drilled	Year drilled	Lift type	Power	Altitude of lsd (feet)	Water level (feet below lsd)	Date measured	Yield of well: Gallons per minute	Yield of well: Drawdown (feet)
05S/10E-30F01M	TURLOCK I.D.	W	D	W			D	265	0	24	F		1935	T	V	78			1050	24
05S/10E-32A01M	TURLOCK I.D.	W	D	W			D	255	0	18	X		1939	T	V	86				
05S/10E-35D01M	TURLOCK I.D.	W	D	W		C	D	265	0	18	X		1938	T	V	94				
05S/11E-04R01M	TURLOCK I.D.	W	D	W			D	445	200	12	X	C		T	V	162	62	1-71	1500	100
05S/11E-06Q01M	TURLOCK I.D.	W	D	W			D	175	0	18	X		1938	T	V	120	11	1-71		
05S/11E-07P01M	TURLOCK I.D.	W	D	W		C	D	288	0	18	X		1936	T	V	115	16	1-71	1150	24
05S/11E-09R01M	BERTHA KNUTSEN	P	S	W										J	S	175	55	1-71		
05S/11E-11L01M	FERN B.WASSUM	P	U	U			D	521	192	16	X	C	1964	N		200	100	4-71	1942	20
05S/11E-12A01M	FERN B.WASSUM	P	I	W										T	V	190	86	4-71		
05S/11E-15M01M	GRANGE CO	N	I	W			D	415	138	14	X	C	1959	T	V	165	82	4-71	1500	113
05S/11E-18Q01M	TURLOCK I.D.	W	D	W			D	272		18			1938	T	V	115				
05S/11E-21P01M	DENNIS M.SERPA	W	I	W			D	247	95		X			T	V	135	47	4-71		
05S/11E-23R01M	KAORU MASUDA	P	I	W		P		250	112	12				T	V	146	66	4-71		
05S/11E-25A01M	ELBY A.TEEKELL	P	I	W				156						T	V	150	64	4-71		
05S/11E-27K01M	A.L.FLANAGIN	P	I	W			D	232	120	16	X	C	1955	T	V	135	66	4-71	1840	32
05S/11E-29F01M	TURLOCK I.D.	W	D	W		T	D	228	0	18	X		1939	T	V	120				
05S/11E-30K01M	TURLOCK I.D.	W	D	W		C	D	162	0	18			1930	T	V	109	5	4-71	1150	31
05S/11E-33N01M	TURLOCK I.D.	W	D	W			D	115	0	18	X		1930	T	U	115	10	4-71		
05S/11E-35D01M	FRANK K.YOSHIDA	P	I	W			D	296	92	14	X	C	1958	T	V	138	62	4-71	2000	29
05S/12E-01M01M	H.NARAGHI FARMS	N	I	W											W	252	127	12-70		
05S/12E-02G01M	GEORGE E.REHER	P	I	W										T	W	252	117	12-70		
05S/12E-04C01M	J.H.REAL.DEV.CO	N	I	W										T	V	240	126	4-71		
05S/12E-06D01M	H.N.CRECELIUS	P	I	W		M	D	480	143	16	X	C	1951	T	V	199	103	4-71	1550	93
05S/12E-09M01M	IVER K.BRAND	P	I	W										T	W	210	101	4-71		
05S/12E-11G01M	H.NARAGHI FARMS	N	I	W										T	W	250	127	12-70		
05S/12E-13N01M	ROY N.SCHMIDT	P	U	U				170						N		239	115	4-71		
05S/12E-16R01M	W.K.BEYER	P	I	W										T	V	202	94	4-71		
05S/12E-19B01M	HERMAN KOOPMAN	P	I	W			D	535	102	16	X	C		T	V	166	68	4-71		
05S/12E-22J01M	FRANK F.MACHADO	P	I	W			D	720	209	16	X	C	1966	T	V	220			3080	28
05S/12E-25L01M	WILLIAM SCHMIDT	P	H	W										C	T	140	14	4-71		
05S/12E-29H01M	GRANGE CO	N	I	W				803	272	18	X	C	1960	T	W	196			4000	
05S/12E-31G01M	DEL MONTE CORP	N	I	W		C		140						T	V	155	69	4-71		
05S/12E-32Q01M	DEL MONTE CORP	N	I	W		M		555						T	V	170				
05S/12E-33R01M	RINALDO FERRARI	P	I	W										T	V	178				
05S/12E-36H01M	W.F.BETTENCOURT	P	H	W				80						J	S	142	11	4-71		
05S/13E-03K01M	CELLA VINEYARDS	N	I	W			D	776	156	16		C	1962	T	V	265	82	12-70	2000	122
05S/13E-07F01M	HAMMONDS RANCH	N	I	W										T	V	205	49	12-70		
05S/13E-08C01M	HAMMONDS RANCH	N	I	W										T	V	200	44	12-70		
05S/13E-08G01M	L.D.PROPERTIES	N	I	W			D	543	241	16	P	C	1966	T	W	245			2700	163
05S/13E-10P01M	CELLA VINEYARDS	N	H	W			D	192	150	12	X	C	1962	T	T	255				
05S/13E-11C01M	CELLA VINEYARDS	N	I	W			D	675	160	16	X	C	1961	T	V	285	93	12-70	1700	156
05S/13E-15L01M	ANTHONY FARIA	P	H	W		M								T	T	183				
05S/13E-16K01M	D.D.SILVA	P	H	W		M								T	S	173	14	4-71		
05S/13E-18K01M	L.D.PROPERTIES	N	I	W			D	590	243	16	X	C	1966	T	W	225			3078	114
05S/13E-19Q01M	R.MANSFIELD	P	U	U						8				P	1	216	72	4-71		
05S/13E-23P01M	W.WOOLSTENHULME	P	H	W										J	S	188	15	4-71		
05S/13E-27D01M	GALLO GLASS CO	N	H	W										T	S	171	13	4-71		
05S/13E-32K01M	FARM MNGMNT.INC	N	I	W			D	664	112	18	X	C	1958	T	V	211	60	4-71		
05S/13E-34G01M	JOHN DAVIS	P	I	U		P								T	V	255	91	4-71		
05S/13E-36F01M	STANLEY JOHNSON	P	H	W		M								T	T	250				
05S/13E-36F02M	STANLEY JOHNSON	P	U	U			D	130	103	8	X	C	1970	N		252	80	4-71		
05S/14E-04P01M	EVAN S.ESTEP	P	U	U			D	71	36	8	X	C	1966	N		255	9	12-70	30	8
05S/14E-03P01M	MERCED COUNTY	C	P	W		C		24						C	T	265	9	12-70		
05S/14E-08R01M	MANUEL CORDOZA	P	H	W						8				S		240	14	12-70		
05S/14E-10G01M	V.MATHESON	P	H	W				200		6				S	5	300	43	12-70		
05S/14E-16G01M	BANK OF CALIF.	P	S	W										P	6	317				
05S/14E-18E01M	H.COLLINS	P	H	W						8			1958	J	T	220	7	12-70		
05S/14E-18K01M	HENRY THOMSEN	P	H	W				100	42	8	X	C	1964	S	S	221	9	4-71		
05S/14E-20R01M	WILDA M.CUNEO	P	U	U				91						P	6	291	DRY	4-71		
05S/14E-29K01M	ROBINSON CAT.CO	N	I	W			D	416	80		X	C	1961	T	V	261	81	4-71		

State well number	Owner or user	Ownership	Use of water	Use of well	Well data	Chemical analyses	Log data	Depth of well (feet below lsd)	Depth cased (feet below lsd)	Diameter (inches)	Well finish	Method drilled	Year drilled	Lift type	Power	Altitude of lsd (feet)	Water level (feet below lsd)	Date measured	Yield of well: Gallons per minute	Yield of well: Drawdown (feet)
05S/14E-34H01M	ROBINSON CAT.CO	N	S	W			D	408	380	10	X	C	1964	S	U	485				
05S/15E-05P01M	H.D.KELSEY	P	H	W				20						J	S	335				
05S/15E-07A01M	LEON NICKELL	P	C	W						8				S	5	320	14	11-70		
05S/15E-16C01M	G.P.KELSEY JR	P	S	W										P	6	380	10	11-70		
06S/09E-09J01M	MANUEL C.SOUSA	P	U	U	P					6				P	6	57				
06S/09E-10C01M	K.C.ABLES	P	H	W										J	5	60				
06S/09E-12B01M	TURLOCK I.D.	W	D	W		C	D	264	0	18			1949	T	V	67				
06S/09E-12G01M	TURLOCK I.D.	W	D	W			D	90	0	18	X		1927	T	V	69				
06S/09E-13H01M	TURLOCK I.D.	W	D	W		C	D	108	0	18	F		1929	T	U	70			950	30
06S/09E-15B01M	MANUEL C.SOUSA	P	I	W										T	V	61	12	4-71		
06S/09E-22L01M	CARL H.NIELSEN	P	H	W		C		360						J	S	61				
06S/09E-26H01M	GERALDENE ASELL	P	H	W										T	V	65	6	12-70		
06S/09E-27Q01M	J.F.MEDEIROS	P	I	W										T	V	63	12	1-71		
06S/10E-01D01M	TURLOCK I.D.	W	D	W										T	V	95	14	11-70		
06S/10E-03C01M	TURLOCK I.D.	W	D	W			D	303	0	18	F		1930	T	V	89				
06S/10E-05R01M	TURLOCK I.D.	W	D	W			D	230	10	14	X		1928	T	V	80				
06S/10E-09B01M	TURLOCK I.D.	W	D	W		M	D	266	0	18	X			T	V	81	6	11-70	1000	27
06S/10E-11E01M	TURLOCK I.D.	W	D	W										T	V	93	9	11-70		
06S/10E-11N01M	TURLOCK I.D.	W	D	W			D	350	0	18	F		1937	T	V	90			2300	39
06S/10E-12K01M	TURLOCK I.D.	W	D	W			D	180	0	18	X		1948	T	V	97	6	11-70		
06S/10E-15Q01M	TURLOCK I.D.	W	D	W			D	130	0	18	X		1926	T	V	85	5	11-70		
06S/10E-16D01M	JOSEPH EGLI	P	I	W										T	V	82	6	11-70		
06S/10E-17H01M	TURLOCK I.D.	W	D	W			D	60	42	12	X		1926	T	5	80				
06S/10E-19G01M	TURLOCK I.D.	W	D	W			D	296	0	18	F		1930	T	V	74	4	11-70	1600	35
06S/10E-20P01M	TURLOCK I.D.	W	D	W										T	V	77	6	11-70		
06S/10E-24L01M	TURLOCK I.D.	W	D	W		M	D	256	0	18	F		1945	T	V	97				
06S/10E-26D01M	TURLOCK I.D.	W	D	W			D	106	0	18	F		1933	T	V	89	7	11-70		
06S/10E-28K01M	TURLOCK I.D.	W	D	W		M	D	166	0	18	X		1927	T	V	84				
06S/10E-29G02M	TURLOCK I.D.	W	D	W			D	260	0	18	X			T	V	78	9	11-70	1130	70
06S/10E-32D01M	TURLOCK I.D.	W	D	W			D	100	0	24	X		1925	T	V	77	8	1-71		
06S/10E-36H01M	GALLO WINE CO	N	I	W										T	V	104	24	12-70		
06S/11E-01F01M	ALLEN L.CHERRY	P	I	W										T	V	148	36	11-70		
06S/11E-03H01M	TURLOCK I.D.	W	D	W			D	54	0		X		1925	T	V	125	17	11-70		
06S/11E-05C01M	TURLOCK I.D.	W	D	W		C	D	265	0	24	X		1938	T	V	111	8	11-70		
06S/11E-07A01M	TURLOCK I.D.	W	D	W			D	72	0	12	X		1922	T	U	106	8	1-71		
06S/11E-07E01M	A.CARLSON	P	H	W		C		56						N		105	14	2-71		
06S/11E-09C01M	TURLOCK I.D.	W	D	W		M	D	205	30	14	F		1937	T	V	122	19	1-71		
06S/11E-10J01M	TURLOCK I.D.	W	D	W		C	D	100	0	16	X		1927	T	V	127	20	1-71	1200	37
06S/11E-11G01M	TURLOCK I.D.	W	D	W										T	V	139	8	11-70		
06S/11E-15R01M	FOSTER FARMS	N	I	W										T	V	130	37	11-70		
06S/11E-16J01M	TURLOCK I.D.	W	D	W			D	112	0	16	X		1925	T	V	110	9	11-70		
06S/11E-17C01M	TURLOCK I.D.	W	D	W			D	184	0	18	F		1945	T	V	101	2	1-71		
06S/11E-19M02M	TURLOCK I.D.	W	D	W				100		16	F		1964	T	V	100	6	11-70		
06S/11E-20C01M	BALLICO FRUIT	N	I	W										T	V	115	11	11-70		
06S/11E-24H01M	MERCED I.D.	W	I	W			D	186	172		X		1965	T	V	140	34	11-70	2500	78
06S/11E-26Q01M	MERCED I.D.	W	I	W										T	5	120	8	11-70		
06S/11E-27A01M	JOSEPH E.GALLO	P	I	W										T	V	125	37	11-70		
06S/11E-27K01M	MERCED I.D.	W	I	W		M		63		14			1956	T	V	125	24	1-71		
06S/11E-28A01M	C.I.ARAKELIAN	P	I	W										T	V	128	41	11-70		
06S/11E-29G01M	PEARL FARAJIAN	P	I	W										T	V	117	37	11-70		
06S/11E-32A01M	GALLO WINE CO	N	I	W										T	V	115	28	11-70		
06S/11E-34Q01M	C.L.JAMERO	P	I	W										T	T	120	9	11-70		
06S/11E-36P01M	MERCED I.D.	W	I	W		M		60		18			1946	T	V	121	10	1-71		
06S/12E-04M01M	LEE M.DAMIR	P	I	W										T	V	125	22	11-70		
06S/12E-06B01M	UGO CAVAIANI	P	I	W										T	V	157	58	11-70		
06S/12E-06L01M	TURLOCK I.D.	W	D	W		M	D	284	60	18	X			T	V	150				
06S/12E-08D01M	C.L.ROBERTS	P	H	W		M		60						T	S	125				
06S/12E-08D02M	L.R.BLACKSTOCK	P	H	W		C		120						T	S	125	29	4-71		
06S/12E-09D01M	C.W.MAGNESON	P	U	U		C		100		8				N		120	22	4-71		
06S/12E-12F01M	MERCED I.D.	W	I	W			D	557	260	16	X	C	1966	T	V	195	54	11-70	2500	96

State well number	Owner or user	Ownership	Use of water	Use of well	Well data	Chemical analyses	Log data	Depth of well (feet below lsd)	Depth cased (feet below lsd)	Diameter (inches)	Well finish	Method drilled	Year drilled	Lift type	Power	Altitude of lsd (feet)	Water level (feet below lsd)	Date measured	Yield of well: Gallons per minute	Yield of well: Drawdown (feet)
06S/12E-16A01M	GILBERT TANJI	P	I	W										T	V	165	43	11-70		
06S/12E-17N01M	MERCED I.D.	W	I	W			D	202	192		X		1965	T	V	157	29	11-70	2500	89
06S/12E-21H01M	MERCED I.D.	W	I	W			D	243	200		X		1965	T	V	159	21	11-70	2500	66
06S/12E-21N01M	MERCED I.D.	W	I	W		M		140	110	20	P		1924	T	V	147	13	1-71		
06S/12E-23H01M	MERCED I.D.	W	I	W		C	D	76	0	18	F		1945	T	V	165	24	11-70		
06S/12E-27H01M	MERCED I.D.	W	I	W			D	134	120		X		1965	T	V	160	23	11-70	2500	66
06S/12E-29J01M	MERCED I.D.	W	I	W			D	252	224		X		1966	T	V	146	24	11-70	2500	56
06S/12E-30H01M	KAZUO TAKAHASHI	P	I	W										T	U	142	21	11-70		
06S/12E-31M01M	MERCED I.D.	W	I	W										T	V	130	19	11-70		
06S/12E-31R01M	MERCED I.D.	W	I	W										T	S	129	12	11-70		
06S/12E-33Q01M	MERCED I.D.	W	I	W										T	V	145	24	12-70		
06S/12E-34D01M	MERCED I.D.	W	I	W										T	U	155	18	11-70		
06S/12E-35K01M	CITY OF ATWATER	M	P	W		M		316	160	16	X		1957	T	V	155	26	4-71		
06S/12E-36F01M	MERCED I.D.	W	I	W			D	243	104	16	X	C	1968	T	V	160	29	11-70	2500	52
06S/13E-04H01M	MERCED I.D.	W	I	W			D	574	360	16	X	C	1966	T	V	230	70	1-71	2500	101
06S/13E-05J01M	MERCED I.D.	W	I	W			D	502	256	16	X	C	1966	T	V	225	72	11-70	2500	120
06S/13E-06N01M	MERCED I.D.	W	U	U		C		54	0	14	F		1941	N		178	18	2-71		
06S/13E-06R01M	MERCED I.D.	W	I	W			D	502	332	16	X	C	1966	T	V	220	58	11-70	2500	118
06S/13E-18E01M	MERCED I.D.	W	I	W										T	V	196	55	11-70		
06S/13E-19B01M	MERCED I.D.	W	I	W			D	608	236	16	X	C	1966	T	V	199	54	4-71	2500	81
06S/13E-26K01M	ADOLPH REINERO	P	I	W										T	V	195	43	11-70		
06S/13E-28A01M	HARRY L.PARSONS	P	I	W										T	V	195	53	11-70		
06S/13E-31F01M	MERCED I.D.	W	I	W		C		93	0	18	P		1928	T	V	165				
06S/13E-32N01M	U.S.AIR FORCE	F	T	W		C	D	305	273	14	X		1941	T	V	166	34	12-70	800	20
06S/13E-32N02M	U.S.AIR FORCE	F	T	W		C	D	319	299	14	X		1941	T	V	166	34	12-70	800	15
06S/13E-32P01M	U.S.AIR FORCE	F	T	W		C	D	290	267	14	X		1941	T	V	166	34	12-70	800	17
06S/13E-32P02M	U.S.AIR FORCE	F	T	W		C	D	290	270	14	X		1941	T	V	166	34	12-70	800	15
06S/13E-33R01M	MERCED I.D.	W	I	W			D	171	124		X		1965	T	V	170	35	12-70	2500	96
06S/13E-36G01M	BELLA VISTA INC	N	I	W										T	V	183	24	1-71		
06S/14E-20N01M	CYRIL E.SMITH	P	H	W										S	S	205	48	12-70		
06S/14E-28P01M	C.RAY ROBINSON	P	I	W										T	V	235				
06S/14E-29E01M	R.S.GIMBLIN	P	U	U		M								J	S	197				
06S/14E-32D01M	A.F.BRANCO	P	H	W		M		58						J	T	183	22	4-71		
06S/15E-03Q01M	FIRST WEST.BANK	N	S	W						6				P	6	425	79	4-71		
06S/15E-04F01M	FIRST WEST.BANK	N	S	W				232						P	6	441	DRY	4-71		
06S/15E-08E01M	G.P.KELSEY JR	P	S	W						6				P	6	460	274	4-71		
06S/15E-10Q01M	FIRST WEST.BANK	N	S	W						6				P	6	365	138	4-71		
06S/15E-14K01M	FIRST WEST.BANK	N	S	W						10				P	6	332	62	4-71		
06S/15E-21D01M	ADRIAN G.WOOD	P	S	W										P	6	368	186	4-71		
06S/15E-27P01M	ADRIAN G.WOOD	P	S	W						10				P	6	316	100	4-71		
06S/15E-29N01M	ADRIAN G.WOOD	P	S	W						10			1946	P	6	305	119	4-71		
06S/15E-34E01M	ADRIAN G.WOOD	P	S	W						10				P	6	320	105	4-71		
07S/09E-12K01M	G.H.KELLEY	P	I	W				148	48	10	P		1961	T	V	70	11	12-70		
07S/10E-01N01M	B.SOUZA	P	I	W										T	V	95	12	12-70		
07S/10E-03R01M	G.H.KELLEY	P	I	W										T	V	85	9	12-70		
07S/10E-04N01M	GALLO WINE CO	N	I	W										T	V	79	8	1-71		
07S/10E-07L01M	JOSEPH LEWIS SR	P	I	W			D	76	0	16	F		1966	T	V	72	7	1-71	1500	53
07S/10E-14P01M	D.N.JENSEN	P	I	W										T	U	84	3	1-71		
07S/10E-18J01M	B.EDMINSTER	P	I	W		M		108	52	14	F	C	1955	T	V	74				
07S/10E-19G01M	M.DECKARD	P	U	U				45		6				N		70	6	4-71		
07S/10E-21F01M	STATE SAVINGS	N	U	U				140		7			1961	N		72	5	4-71		
07S/10E-22H01M	FRANK LIMAS	P	I	W			D	150	81	16	F	H	1961	T	V	80				
07S/10E-22R01M	STEVINSON CORP	N	I	W		P		160	80	16				T	V	78	5	12-70		
07S/10E-23D01M	G.T.CLIFTON	P	I	W		C								C	T	80	2	2-71		
07S/10E-23K01M	STATE OF CALIF	S	U	O		C	DE	303	223	6	P		1961	N		80	3	2-71		
07S/10E-24A01M	FOSTER FARMS	N	S	W			D	143	35	8	X	C	1966	T	T	85				
07S/10E-24H02M	FOSTER FARMS	N	S	W			D	80	55	8	P	C	1966	T	U	85				
07S/10E-36D01M	STEVINSON CORP	N	S	W						8				T	T	77				
07S/11E-01H01M	STATE OF CALIF	S	H	W		C	E	200	103	6	P		1961	L	S	118	12	2-71		
07S/11E-02J01M	MERCED I.D.	W	I	W										T	V	117	6	12-70		

State well number	Owner or user	Ownership	Use of water	Use of well	Well data	Chemical analyses	Log data	Depth of well (feet below lsd)	Depth cased (feet below lsd)	Diameter (inches)	Well finish	Method drilled	Year drilled	Lift type	Power	Altitude of lsd (feet)	Water level (feet below lsd)	Date measured	Yield of well: Gallons per minute	Yield of well: Drawdown (feet)
07S/11E-04M01M	MERCED I.D.	W	I	W		M		87		18			1948	T	V	103	9	12-70		
07S/11E-05A01M	GALLO WINE CO	N	H	W		C		116	108	6			1959	T	S	110				
07S/11E-06A01M	MERCED I.D.	W	I	W			D	135	135	16			1964	T	V	105	17	12-70	4000	82
07S/11E-07H02M	MERCED I.D.	W	I	W			D	232	40	16	F	H	1968	T	V	99	10	12-70		
07S/11E-14A01M	MERCED I.D.	W	I	W										T	V	113	10	12-70		
07S/11E-14G01M	MERCED I.D.	W	I	W		M		108	0	18	P		1928	T	V	106	5	1-71		
07S/11E-16A01M	SCAR.ROB.&ASSOC	N	I	W										T	V	100	9	12-70		
07S/11E-16K01M	SCAR.ROB.&ASSOC	N	I	W			D	192	72	16	F	H	1954	T	V	100				
07S/11E-21D01M	SCAR.ROB.&ASSOC	N	S	W			D	78	68	10	X	C	1970	T	S	90				
07S/11E-21P01M	SCAR.ROB.&ASSOC	N	I	W			D	185	84	16	F	H	1954	T	V	93	4	12-70		
07S/11E-22B01M	SCAR.ROB.&ASSOC	N	I	W			D	185	96	16	F	H	1954	T	V	99	5	4-71		
07S/11E-24E01M	JOSEPH E.GALLO	P	I	W										T	V	105	5	12-70		
07S/11E-28E01M	MODESTO PROP.CO	N	I	W										T	U	90	5	4-71		
07S/11E-31C01M	SCAR.ROB.&ASSOC	N	I	W			D	185	88	16	P	C	1970	T	V	81	10	4-71		
07S/11E-33E01M	MODESTO PROP.CO	N	I	W				56		16				T	V	87				
07S/11E-35G01M	MARY CRANE	P	I	W										T	V	94	8	4-71		
07S/11E-36F01M	MARY CRANE	P	U	U						8				N		96	7	4-71		
07S/12E-01J01M	CITY OF ATWATER	M	P	W		M		230	86	16	X		1954	T	V	158	31	4-71		
07S/12E-01M02M	CITY OF ATWATER	M	P	W		M		143	98		X		1936	T	V	150				
07S/12E-01P01M	CITY OF ATWATER	M	P	W		M		136	86	18	X		1951	T	V	150	24	4-71		
07S/12E-01Q01M	MERCED I.D.	W	D	W		M		145	68	14	F	C	1951	T	S	150				
07S/12E-03F01M	MERCED I.D.	W	I	W		M		95	62	20				T	V	143	20	4-71		
07S/12E-04F02M	MERCED I.D.	W	I	W			D	180	62	18	P		1953	T	V	140	25	1-71	2400	78
07S/12E-06H02M	MERCED I.D.	W	I	W			D	220	40	16	F	H	1969	T	S	127				
07S/12E-06N01M	MERCED I.D.	W	I	W										T	V	120	11	12-70		
07S/12E-08E01M	MERCED I.D.	W	I	W		M		76	48	20				T	V	120	8	4-71		
07S/12E-08G01M	MERCED I.D.	W	I	W			D	200	68	16	F		1967	T	V	125	10	1-71		
07S/12E-09C01M	MERCED I.D.	W	I	W			D	184	57	16	X	C	1967	T	S	130	15	12-70	2800	62
07S/12E-10F01M	MERCED I.D.	W	I	W			D	225	51	16	X	C	1969	T	V	140	17	1-71	3700	40
07S/12E-11E01M	MERCED I.D.	W	I	W										T	V	137	12	12-70		
07S/12E-11G01M	MERCED I.D.	W	I	W			D	137	120		X		1965	T	V	146	20	1-71	2500	77
07S/12E-12N01M	MERCED I.D.	W	I	W										T	V	143	16	12-70		
07S/12E-19A01M	MERCED I.D.	W	I	W		M		80	0	18	X		1927	T	S	115	6	1-71		
07S/12E-19A02M	JOSEPH E.GALLO	P	I	W										T	V	115	6	12-70		
07S/12E-22H01M	MERCED I.D.	W	I	W		C		50						J	S	125				
07S/12E-24J01M	MERCED I.D.	W	I	W			D	274	201	16	X		1966	T	V	136	10	12-70		
07S/12E-28C01M	C.RAY ROBINSON	P	I	W										T	V	112	10	12-70		
07S/12E-29K01M	C.RAY ROBINSON	P	U	U			D	117	88	16	X	C	1961	T	V	108	3	4-71		
07S/12E-29R01M	C.RAY ROBINSON	P	S	W										J	S	117	12	4-71		
07S/12E-30K01M	LINDEMANN FARMS	N	I	W										T	V	105	4	4-71		
07S/13E-04P01M	MERCED I.D.	W	I	W		M	D	287	60	16	X	C	1968	T	V	165	25	12-70		
07S/13E-06A02M	U.S.AIR FORCE	F	T	W		C		300	285	16	X		1951	T	V	165				
07S/13E-10N01M	MERCED I.D.	W	I	W										T	V	160	21	12-70		
07S/13E-11D01M	LEON F.HAGERMAN	P	I	W										T	V	170	30	12-70		
07S/13E-12E01M	DELMA GRIFFIN	P	H	W			D	97	70	8	X	C	1970	T	S	167	23	4-71		
07S/13E-15G01M	MEADOWBRK.WATER	N	P	W		C	D	130	98	14	X			T	V	158	18	12-70		
07S/13E-18B01M	MERCED I.D.	W	I	W										T	V	150	15	12-70		
07S/13E-19H01M	MERCED I.D.	W	I	W		C		158		18			1929	T	V	144	10	12-70		
07S/13E-20M01M	U.S.AIR FORCE	F	U	U		C		116	100	10	X		1954	T	T	142				
07S/13E-21K01M	MERCED I.D.	W	I	W			D	238	108	16	X	C	1965	T	V	150	11	12-70	2540	85
07S/13E-22C01M	MERCED I.D.	W	I	W		M		148	105	20	X		1923	T	V	153				
07S/13E-29G01M	MERCED I.D.	W	I	W			D	183	164	16	X	C	1965	T	V	140	11	12-70	2500	93
07S/13E-30R02M	MERCED I.D.	W	I	W			D	150	30	18	X		1954	T	V	135	9	12-70	3400	42
07S/13E-32A01M	MERCED I.D.	W	I	W			D	412	132	16	X	C	1965	T	V	140	11	12-70	2500	81
07S/13E-34H01M	MERCED I.D.	W	I	W			D	394	280	16	X	C	1965	T	V	145	9	12-70	2484	101
07S/13E-36F01M	MERCED I.D.	W	I	W			D	292	172	16	X	C	1965	T	V	156	15	12-70	2520	63
07S/14E-02F01M	ADRIAN G.WOOD	P	I	W										T	V	241	64	1-71		
07S/14E-05A01M	DEENE R.MOULTON	P	H	W				109				C	1966	S	T	225	55	1-71		
07S/14E-09R01M	MERCED I.D.	W	I	W		M		148						T	V	185	15	11-70		
07S/14E-11D01M	ADRIAN G.WOOD	P	I	U										T	V	207	33	1-71		

State well number	Owner or user	Ownership	Use of water	Use of well	Well data	Chemical analyses	Log data	Depth of well (feet below lsd)	Depth cased (feet below lsd)	Diameter (inches)	Well finish	Method drilled	Year drilled	Lift type	Power	Altitude of lsd (feet)	Water level (feet below lsd)	Date measured	Yield of well: Gallons per minute	Yield of well: Drawdown (feet)
07S/14E-12N01M	MERCED I.D.	W	I	W			D	341	196	16	X	C	1966	T	V	196	16	11-70	2500	68
07S/14E-14J01M	MERCED I.D.	W	I	W			D	309	184	16	X	C	1966	T	V	198	18	11-70	2500	57
07S/14E-16L01M	MERCED WATER CO	N	P	W		C	D	344	111	20	X	C	1963	T	W	180	28	4-71		
07S/14E-16L02M	MERCED WATER CO	N	P	W		C	D	339	174	20	X	C	1968	T	W	180	28	4-71	3400	47
07S/14E-19B01M	MERCED WATER CO	N	P	W		C	D	243	141	20	X	C	1959	T	W	174	41	4-71		
07S/14E-19B02M	MERCED WATER CO	N	P	W		C	D	133	98	20	X	C	1951	T	W	174	41	4-71		
07S/14E-19J01M	MERCED WATER CO	N	P	W		C	D	236	175	20	X	C	1958	T	W	175	27	4-71		
07S/14E-22F01M	MERCED I.D.	W	I	W			D	195	128	16	X	C	1965	T	V	191	19	11-70	2500	89
07S/14E-24H01M	MERCED I.D.	W	I	W			D	320	76	18	X		1949	T	V	205	18	11-70	1450	50
07S/14E-26H01M	MERCED I.D.	W	I	W			D	76	0	18	P		1936	T	U	195	11	11-70	400	52
07S/14E-28A02M	MERCED I.D.	W	I	W		C	D	145					1930	T	U	184	17	11-70	900	34
07S/14E-28R01M	MERCED I.D.	W	I	W			D	163	0	16	X		1929	T	U	181	15	11-70	1020	33
07S/14E-29R01M	MERCED WATER CO	N	P	W		C	D	254	184	20	X	C	1950	T	W	174	39	4-71		
07S/14E-29R02M	MERCED WATER CO	N	P	W		C	D	161	144	20	X	C	1950	T	W	174	41	4-71		
07S/14E-30E01M	MERCED WATER CO	N	P	W		C	D	187	145	20	X	C	1952	T	W	164	50	4-71		
07S/14E-30E02M	MERCED WATER CO	N	P	W		C	D	183	168	20	X	C	1952	T	W	164	52	4-71		
07S/14E-31C01M	MERCED WATER CO	N	P	W		C	D	264	110	20	X	C	1961	T	W	164	35	4-71		
07S/14E-31M01M	MERCED I.D.	W	I	W		M	D	297	72	16	X	C	1967	T	V	160	18	11-70	1350	39
07S/14E-34L01M	MERCED I.D.	W	I	W			D	204	144	14	X		1960	T	V	185	17	11-70	2400	55
07S/15E-04F01M	ROBERT W.ICHORD	P	S	W						8				P	6	303	110	4-71		
07S/15E-07L01M	ADRIAN G.WOOD	P	I	W										T	V	230	35	1-71		
07S/15E-11N01M	BONNER REESE	P	I	W			D	665	197	14	X	C	1961	T	V	251	37	11-70		
07S/15E-13F01M	TODD W.JOHNSON	P	S	W										P	6	300	47	11-70		
07S/15E-14M01M	TODD W.JOHNSON	P	I	W			D	720	138	16	F	H	1956	T	V	243	27	11-70	850	77
07S/15E-16J02M	DEL MONTE CORP	N	I	U			D	605	291	12	F	H	1961	T	V	231	19	11-70		
07S/15E-18K01M	MERCED I.D.	W	I	W		M	D	550	84	18	X		1949	T	V	212	26	11-70	1500	70
07S/15E-20J01M	DEL MONTE CORP	N	U	U			D	569	96	16	X	H	1961	N		220	26	4-71		
07S/15E-22H01M	RALPH MARSICO	P	U	U						6				N		260	42	11-70		
07S/15E-23E01M	TODD W.JOHNSON	P	I	W			D	705	200	14	X	H	1961	T	V	255	53	4-71		
07S/15E-25F01M	W.F.MCCORRY	P	S	W										P	6	255	26	11-70		
07S/15E-27J01M	PLANADA WATER	N	P	W		C	D	350	80	12	X			T	V	231				
07S/15E-27N01M	PLANADA WATER	N	P	W		C	D	587	60	14	X	C	1957	T	V	222				
07S/15E-28M01M	MERCED I.D.	W	I	W			D	642	84	16	F	H	1967	T	V	216	14	11-70	700	45
07S/15E-29G01M	MERCED I.D.	W	I	W			D	538	96	16	X	H	1967	T	V	213				
07S/15E-30E01M	MERCED I.D.	W	I	W		M	D	642	80	16	F	H	1967	T	V	205	15	11-70	1700	43
07S/15E-33A02M	GLENN DAVIS	P	H	W			D	134	100	8	X	C	1966	J	S	225	15	11-70		
07S/15E-34R01M	MERCED I.D.	W	I	W		C	D	510	165	16	X	C	1967	T	V	230	38	11-70	750	37
07S/16E-05H01M	R.V.MORRISON	P	H	W						12				S	5	320	11	11-70		
07S/16E-08E01M	W.J.MCCORRY	P	S	W						12				P	6	309	11	11-70		
07S/16E-09H01M	W.J.MCCORRY	P	H	W		P		130					1940		S	360	15	11-70		
07S/16E-18R01M	C.E.CUNNINGHAM	P	U	U										N		287	21	11-70		
07S/16E-19J01M	J.B.CUNNINGHAM	P	I	W			D	513	84	14	X		1945	S	T	286	36	11-70		
07S/16E-21H01M	SAN FELIPE RNCH	P	S	W						10				P	6	320	28	11-70		
07S/16E-31B01M	HORACE MEYER	P	U	Z		P	D	400		14						260				
07S/16E-32H01M	C.T.BLOSS	P	S	W						10				P	6	280	29	1-71		
07S/16E-34G01M	MARY E.BAKER	P	S	W						12				P	6	315	17	1-71		
08S/11E-03J01M	ROY VISBEEK	P	I	W		C				16				T	V	87	10	4-71		
08S/11E-04G01M	MODESTO PROP.CO	N	U	U										C	3	88	6	4-71		
08S/11E-04H01M	MODESTO PROP.CO	N	I	W				180		16				T	V	85	10	4-71		
08S/11E-08R01M	SCAR.ROB.&ASSOC	N	U	U						16				N		83	9	4-71		
08S/11E-10A01M	ROY VISBEEK	P	I	W						12				T	V	87	13	4-71		
08S/11E-20H01M	SCAR.ROB.&ASSOC	N	U	U						16				N		80	10	4-71		
08S/12E-01H01M	JOSEPH AGUIAR	P	I	W		M		196						T	V	125				
08S/12E-06M01M	LINDEMANN FARMS	N	I	W										T	V	97	5	4-71		
08S/12E-09H01M	F.L.SAUNDERS	P	I	W						12				T	V	105	14	1-71		
08S/12E-13R01M	SAN FELIPE RNCH	P	I	W			D	150	76	20	X	C	1967	T	V	109	13	4-71	5500	47
08S/12E-15D01M	SAN FELIPE RNCH	P	S	W		M				8				P	6	112	18	1-71		
08S/12E-16J01M	SAN FELIPE RNCH	P	I	W			D	191	78	18	P	C	1970	T	V	105	12	1-71	2500	66
08S/12E-19D01M	JAMES S.CRANE	P	U	U				300		10				N		92	11	1-71		
08S/12E-28A01M	ELSIE A.FLYNN	P	I	W										T	V	101	8	4-71		

State well number	Owner or user	Ownership	Use of water	Use of well	Well data	Chemical analyses	Log data	Depth of well (feet below lsd)	Depth cased (feet below lsd)	Diameter (inches)	Well finish	Method drilled	Year drilled	Lift type	Power	Altitude of lsd (feet)	Water level (feet below lsd)	Date measured	Yield of well: Gallons per minute	Yield of well: Drawdown (feet)
08S/12E-31M01M	TURNER IS.W.D.	W	I	W			D	415				H		T	V	92				
08S/13E-03Q01M	ALVIN E.WEAVER	P	I	W										T	V	142	8	1-71		
08S/13E-09J01M	W.P.RODUNER	P	I	W		C		350		14		H		T	V	134	6	1-71		
08S/13E-16H01M	W.P.RODUNER	P	H	W		C		150						T	T	130				
08S/13E-19H01M	SAN FELIPE RNCH	P	I	W		P	D	117	73	18	X	C	1966	T	V	121	17	1-71		
08S/13E-24K01M	G.MARTIN	P	I	W			D	304	90	14	F	H	1966	T	V	144	20	1-71		
08S/13E-28A01M	FELICIE FAVIER	P	I	W			D	200			X		1964	T	V	130	18	1-71		
08S/13E-28J01M	FELICIE FAVIER	P	I	W		P		90						T	U	127	24	1-71		
08S/13E-31H01M	FELICIE FAVIER	P	I	W			D	120	72	14	X	C	1961	T	U	120	28	1-71		
08S/13E-32H01M	RAYMOND FAVIER	P	I	W			D	167	0	12	X	C	1962	T	V	126	29			
08S/13E-34L01M	RAYMOND FAVIER	P	I	W			D	197	102	14	X	C	1966	T	V	126	43	12-70	2550	81
08S/13E-36J01M	E.C.WEINSTEIN	P	I	W			D	323	160	14	X	C	1966	T	V	144	43	1-71		
08S/14E-02D01M	MERCED I.D.	W	I	W		M	D	190	90	18	X			T	V	186	17	11-70	1900	72
08S/14E-04R01M	MERCED I.D.	W	I	W			D	587	220	16	X	C	1968	T	V	175	24	11-70	2400	80
08S/14E-05A02M	MERCED I.D.	W	I	W			D	215	196	16	X	C	1967	T	V	171	19	11-70	2975	82
08S/14E-06Q01M	MERCED I.D.	W	I	W			D	225	148	16	X	C	1965	T	V	160	18	11-70	2540	80
08S/14E-10H01M	KRAFT-DELCO	P	I	U			D	350	36	18	P		1934	T	2	180	20	11-70	2200	36
08S/14E-11A01M	MERCED I.D.	W	I	W			D	765	83	16	X	C	1967	T	V	188	24	11-70	1500	55
08S/14E-11K01M	MERCED I.D.	W	I	W			D	590	336	16	X	C	1966	T	V	186	32	11-70	2430	118
08S/14E-12A02M	MERCED I.D.	W	I	W			D	544	150	16	X	C	1967	T	V	197	29	11-70	2400	58
08S/14E-14D02M	MERCED I.D.	W	I	W			D	578	388	16	X	C	1966	T	V	180	35	11-70	2500	85
08S/14E-15M01M	MERCED I.D.	W	D	W			D	325	16	18	X	C	1954	T	V	171			2900	82
08S/14E-18H01M	JOHN W.MYERS	P	S	W			D	196	196	8	D	C	1961	T	T	157	25	11-70		
08S/14E-20J01M	A.FERREIRA	P	I	W			D	435	150	18	P	C	1963	T	V	161	36	11-70		
08S/14E-22A01M	MERCED I.D.	W	D	W			D	650	488	14	X		1961	T	V	178	24	11-70	2500	70
08S/14E-24A01M	MERCED I.D.	W	I	W		M	D	397	100	18	X		1949	T	V	193	29	11-70	1630	68
08S/14E-30G01M	RED TOP RCH.INC	N	I	W			D	400	0	14	P		1965	T	V	150	44	11-70		
08S/14E-31J01M	J.E.CANSLER	P	I	W				272		14				T	V	149	44	11-70		
08S/14E-33R01M	CHASE LAND CO	N	S	W										P	6	165	20	11-70		
08S/15E-04P01M	MERCED I.D.	W	I	W			D	490	136	18	X	C	1949	T	V	210	49	11-70	1230	69
08S/15E-06H01M	MERCED I.D.	W	I	W			D	175	55	18	X	C	1955	T	V	205	21	11-70	1500	80
08S/15E-07J01M	STRIBLING NRSRY	N	I	W			D	225	116	12	X	C	1966	T	U	205	46	11-70		
08S/15E-11G01M	C.W.RANDRUP	P	I	W			D	405	0	18	X	H	1963	T	V	230	64	11-70	325	50
08S/15E-12H01M	ROY E.CRAVEN	P	I	W			D	424	160	14	X	C	1963	T	V	252				
08S/15E-14L01M	G.Y.ARAKAKI	P	I	W										T	U	227	89	11-70		
08S/15E-16Q01M	J.E.BROWN	P	I	W				350				C	1937	T	V	214	86	11-70		
08S/15E-20F01M	J.F.SILVEIRA	P	I	W			D	400	40	14	X		1963	T	V	203				
08S/15E-25J01M	BANK OF AMERICA	P	I	W										T	V	235	106	1-71		
08S/15E-26L01M	BANK OF AMERICA	P	I	W				262					1957	T	V	224	101	1-71		
08S/15E-32P01M	SO.PACIFIC CO	P	I	W		P								T	V	203	94	11-70		
08S/15E-33R01M	CARL V.GRISSOM	P	I	W										T	V	215	97	1-71		
08S/15E-35Q01M	EDWARD E.THIEL	P	H	W		M								S	S	225				
08S/16E-06G01M	C.T.BLOSS	P	S	W										P	6	246	34	1-71		
08S/16E-09M01M	W.J.MCCURRY	P	S	W						12				P	6	270	36	11-70		
08S/16E-12E01M	MARY E.BAKER	P	S	W						6				P	6	310	19	11-70		
08S/16E-14K01M	E.L.MCNAMARA	P	S	W										P	6	285	13	10-70		
08S/16E-17P01M	MERCED I.D.	W	U	U		C	D	260	0	18	X		1942	T	V	254			750	50
08S/16E-18R01M	LE GRAND M.S.I	N	P	W		C	D	340	304	14	P	C	1966	T	V	255			600	143
08S/16E-19D01M	WADE-FALLON	N	I	W		P								T	V	243	79	10-70		
08S/16E-20D02M	LE GRAND M.S.I	N	P	W		C	D	415	242	14	P	C	1966	T	V	250			668	151
08S/16E-21J01M	F.R.MILLARD	P	I	W			D	307	55		X		1948	T	U	265	84	10-70		
08S/16E-23Q01M	CHARLES E.DAY	P	S	W			D	165	30	7	X	C	1950	P	6	282				
08S/16E-26N01M	HAZEL E.MATHEWS	P	H	W		P		184						S	S	277	73	10-70		
08S/16E-34J01M	M.K.MATHEWS	P	S	W				100						P	6	280	94	10-70		
08S/16E-36C01M	WALTER G.BAXTER	P	S	W										P	6	285				
08S/17E-20D01M	HARVEY PETITT	P	S	W			D	195	120	12	X		1950	P	6	328	42	10-70		
08S/17E-20G01M	F.HIXON	P	H	W		P		127		7				S	S	337	22	10-70		
08S/17E-27F01M	W.GILL & SONS	N	S	W										P	6	396	31	10-70		
08S/17E-30B01M	RICHARD BAXTER	P	I	W										T	U	305	39	10-70		
08S/17E-31K01M	CARL V.GRISSOM	P	I	W			D	1000	740	14	X	C	1964	T	V	315				

State well number	Owner or user	Ownership	Use of water	Use of well	Well data	Chemical analyses	Log data	Depth of well (feet below lsd)	Depth cased (feet below lsd)	Diameter (inches)	Well finish	Method drilled	Year drilled	Lift type	Power	Altitude of lsd (feet)	Water level (feet below lsd)	Date measured	Yield of well: Gallons per minute	Yield of well: Drawdown (feet)
09S/11E-13B01M	TURNER IS.W.D.	W	I	W										T	V	96	38	4-71		
09S/12E-01C01M	U.S.NATL.WILDLF	F	I	W		M	D	197	100	16	X	C	1956	T	V	110			2000	44
09S/12E-02K01M	U.S.NATL.WILDLF	F	I	W			D	395	315	14	X	C	1948	T	V	105				
09S/12E-04G01M	U.S.NATL.WILDLF	F	I	W			D	182	117	16	X	C	1963	T	V	97			1800	100
09S/12E-05C01M	TURNER IS.W.D.	W	I	W			DE	560	228	16	F	H	1966	T	V	95	26	4-71		
09S/12E-05N01M	TURNER IS.W.D.	N	U	U				408		16				T	V	96	38	9-70		
09S/12E-05P01M	TURNER IS.W.D.	W	I	W			DE	800	260	16	F	H	1966	T	V	95	33	4-71		
09S/12E-08H01M	TURNER IS.W.D.	W	I	W			E	452		16		H	1966	T	V	95	37	4-71		
09S/12E-09K01M	NEWHALL L&F CO	N	I	W			DE	528	288	16	P	H	1954	N		98	73	9-70	1800	103
09S/12E-13R01M	NEWHALL L&F CO	N	I	W			E	670						T	V	103				
09S/12E-14E01M	NEWHALL L&F CO	N	I	W			DE	590	240	16	P	H	1957	T	V	103	87	9-70		
09S/12E-17B01M	NEWHALL L&F CO	N	I	W		M	DE	480	220	16	X	H	1954	T	V	95				
09S/12E-25M01M	NEWHALL L&F CO	N	I	W			DE	600	251	16	P	H	1955	T	V	105			2375	155
09S/13E-01J01M	JOSEPH E.GALLO	P	I	W			D	339	150	16	P	C	1960	T	V	137			2000	44
09S/13E-04G01M	T.WIBERG	P	U	U			D	328	150	16	P	C	1963	N		123	60	10-70		
09S/13E-05E01M	DONALD L.VINE	P	H	W			D	192	80	16	X	C	1966		S	115	39	10-70	2000	73
09S/13E-08G01M	NEWHALL L&F CO	N	I	W		M	D	400	297	16	P	C	1957	T	V	113	59	9-70		
09S/13E-09A01M	W.F.MCCORRY	P	S	W		P				8				P	6	119	48	1-71		
09S/13E-11K01M	JOSEPH E.GALLO	P	I	W			D	321	80	16	P	C	1960	T	V	131				
09S/13E-17F01M	NEWHALL L&F CO	N	I	W			D	177	120	16	P	C	1955	T	V	110	63	9-70	2320	44
09S/13E-21M01M	NEWHALL L&F CO	N	I	W			DE	550	155	16	P	C	1964	T	V	116				
09S/13E-24J01M	MERCED COUNTY	C	H	W			D	406	328	8	X	C	1961	S	T	139	107	10-70		
09S/13E-27A01M	TAYLOR COURTNEY	P	I	W			D	150	100	12	X	C	1952	T	U	126				
09S/13E-27M01M	NEWHALL L&F CO	N	I	W			D	359	178	14	P	C	1960	T	V	120	61	9-70	2525	45
09S/13E-29L01M	NEWHALL L&F CO	N	I	W		M	DE	865	240	16	P		1959	T	V	110	70	9-70		
09S/13E-30N01M	NEWHALL L&F CO	N	I	W			DE	576	216	16	F	H	1958	T	V	107	81	9-70		
09S/13E-33C01M	STATE OF CALIF	S	U	U		C	DE	950	278	4	P		1965	N		114	71	9-70		
09S/13E-33P01M	MENEFEE RIV.RCH	N	I	W		M		116		8		C		P	6	115	38	9-70		
09S/13E-33P02M	MENEFEE RIV.RCH	N	I	W										T	V	115				
09S/14E-01B01M	STATE OF CALIF	S	U	U		C	DE	352	225	6	P		1961	N		180	83	10-70		
09S/14E-01B02M	STATE OF CALIF	S	U	U		C	DE	191	90	6	P		1961	N		180	80	10-70		
09S/14E-01B03M	STATE OF CALIF	S	U	U		C	DE	68	20	6	P		1961	N		180	38	10-70		
09S/14E-06D01M	JACK A.RAHILLY	P	S	W						7				P	6	141	42	10-70		
09S/14E-07A01M	JOSEPH CAPUTO	P	I	W										T	V	147				
09S/14E-10D01M	C.L.NORDMAN	P	S	W										T	T	160				
09S/14E-10M01M	MAINO-VAN WAAY	P	S	W						6				P	6	161	36	10-70		
09S/14E-11C01M	EL NIDO I.D.	W	I	W			D	256		14	P		1948	T	V	170	90	10-70		
09S/14E-13J01M	ISABEL W.BLISS	P	I	W			D	304	161	14	P	C	1955	T	V	190				
09S/14E-14E01M	EL NIDO I.D.	W	I	W			D	102	42	12	X		1934	T	U	169	41	10-70	800	42
09S/14E-15L01M	EL NIDO I.D.	W	I	W			D	236	40	14	P		1943	T	V	166	44	10-70		
09S/14E-18A01M	ALBERT PEDRELLI	P	I	W			D	206	86	14	X		1947	T	5	146	71	10-70		
09S/14E-20B02M	M.M.COTTA	P	I	W		M	D	340	100	14	X	C	1957	T	V	150	67	10-70		
09S/14E-20R01M	EL NIDO I.D.	W	I	W			D	483	0	12	P		1935	T	V	155	75	10-70	1400	45
09S/14E-23A01M	GERALD W.HEIL	P	I	W			D	530	130	14	P	C	1963	T	5	178	100	10-70	1800	
09S/14E-26J01M	W.F.MATSEL	P	I	W			D	534	180	14	P	C	1964	T	U	177				
09S/14E-27H01M	THOMAS GILL	P	U	U			D	133	87	12	X		1947	N		170	79	10-70		
09S/14E-27R01M	THOMAS GILL	P	I	W				275	160	10	P		1946	T	V	170				
09S/14E-30J01M	G.T.MULLINS	P	I	W		P		227						T	V	144	89	10-70		
09S/14E-33A01M	JTHA HOOPER	P	H	W			D	418	350	10	P	C	1962	T	T	161				
09S/15E-04R01M	F.M.UPTON	P	I	W				340				C		T	V	212	120	10-70		
09S/15E-05A01M	G.H.WILLETT	P	H	W				200		8	X	C		S	T	205	101	11-70		
09S/15E-09K01M	STEVEN A.UPTON	P	I	W			D	586	200	14	X	C	1966	T	V	211				
09S/15E-12C02M	H.A.HIGGINS	P	I	W				275	175	14		C	1954	T	V	232	130	10-70		
09S/15E-13E02M	JESSUP FARMS	N	I	W			D	492	300	18	X	C	1963	T	V	230				
09S/15E-15C01M	HAROLD HANSEN	P	I	W										T	W	215	124	10-70		
09S/15E-15J01M	SAMUEL M.SCHUH	P	I	W										T	V	220	132	10-70		
09S/15E-21Q01M	STEVEN A.UPTON	P	I	W										T	V	208	120	10-70		
09S/15E-29C01M	WESLEY FAUST	P	I	W		C		115	100	14	X	C	1955	T	U	196				
09S/16E-07C01M	L.D.PROPERTIES	N	I	W		C		292	100	14	P		1947	T	V	241				
09S/16E-08N01M	E.J.MAULHARDT	P	I	W										T	V	247	120	1-71		

State well number	Owner or user	Ownership	Use of water	Use of well	Well data	Chemical analyses	Log data	Depth of well (feet below lsd)	Depth cased (feet below lsd)	Diameter (inches)	Well finish	Method drilled	Year drilled	Lift type	Power	Altitude of lsd (feet)	Water level (feet below lsd)	Date measured	Yield of well: Gallons per minute	Yield of well: Drawdown (feet)
09S/16E-09L01M	SCHUH BROS	P	I	W										T	V	256	111	1-71		
09S/16E-12F01M	BRIGHTS NURSERY	N	I	W			D	340		14			1952	T	V	275				
09S/17E-04K01M	YVONNE CURRAN	P	S	W				76		14				P	6	335	40	10-70		
09S/17E-05M01M	VIRGIL GORSUCH	P	I	W			D	542	100	14	P	C	1952	T	V	318	54	10-70		
09S/17E-06J01M	VIRGIL GORSUCH	P	H	W				85		7				J	5	316	53	10-70		
10S/13E-01A01M	ELI & NICKS CO	N	I	W		M	D	219					1945	T	V	136				
10S/13E-02C01M	JAMES J.BARTON	P	I	W			D	147	108	14	X		1951	T	V	125				
10S/13E-04R02M	MENEFEE RIV.RCH	N	I	W				170		18		C	1952	T	V	117	32	9-70		
10S/13E-05J01M	MENEFEE RIV.RCH	N	I	W				168	80	14			1953	T	V	110	11	9-70		
10S/13E-10G01M	JOHN ALLEN	P	I	W		C	D	198	163	16	X	C	1963	T	V	120				
10S/13E-10J01M	JOHN ALLEN	P	H	W		C	D	431	396	12	P	C	1966	S	5	122	52	4-71		
10S/13E-10R01M	JOHN ALLEN	P	U	U		M	D	196	196	16	D	C	1957	N		121	44	4-71		
10S/13E-11P01M	JAMES C.THOMAS	P	I	W		C		200	75	14	X		1950	T	V	123				
10S/13E-14C01M	JAMES C.THOMAS	P	S	W				90		10				P	6	123	63	10-70		
10S/13E-14M01M	JAMES C.THOMAS	P	I	W				38		12				T	V	121				
10S/13E-15A01M	JAMES C.THOMAS	P	I	W		P		200	75	18	P			T	V	120				
10S/13E-16K01M	MENEFEE RIV.RCH	N	I	W				165		16				T	5	118	12	9-70		
10S/13E-22F02M	JOHN HARMAN	P	I	W				200		18		C	1960	T	V	119				
10S/14E-05C02M	J.A.CLAY	P	I	W				326	200	16	P			T	V	146	112	9-70		

Sampling depth: Depth of the bottom of the last perforations, or the depth of the well if it is an open-end or depth for a given well indicates the well has been deepened.

State well number	Date of collection	Sampling depth (feet)	Water temperature (°C)	Results in milligrams per liter							
				Silica (SiO_2)	Iron (Fe) (in micrograms per liter)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)
02S/07E-36P01 M	03-09-66	40	12.0	--	--	35	11	11	2.4	142	5
02S/08E-25P01 M	11-25-49	320	--	73	--	46	25	48	--	320	0
02S/08E-25P01 M	09-15-60	320	--	39	--	20	16	24	--	177	0
02S/08E-25P01 M	08-08-66	320	20.0	--	--	26	8.8	27	4.4	135	8
02S/08E-27N01 M	05-27-48	302	--	66	--	31	15	6.4	--	152	0
02S/08E-27N01 M	08-12-49	302	--	48	--	26	8.5	29	--	150	0
02S/08E-27N01 M	08-11-64	302	--	32	--	25	10	32	--	162	0
02S/08E-27N01 M	08-09-66	302	21.0	--	--	26	8.0	28	5.0	133	10
02S/08E-33F01 M	04-19-50	393	--	66	--	15	6.3	92	--	174	0
02S/08E-33F01 M	08-09-66	393	20.0	--	--	48	--	25	--	227	0
02S/09E-28N01 M	08-12-49	150	--	34	--	9.4	4.9	21	--	52	0
02S/09E-28N01 M	08-11-64	150	--	44	--	25	13	23	--	152	0
02S/09E-28N01 M	08-08-66	150	19.0	--	--	30	--	19	--	134	0
02S/09E-31G01 M	04-09-49	384	--	70	--	11	5.0	32	--	113	0
02S/09E-31G01 M	08-11-64	384	--	11	--	15	3.9	17	--	95	0
02S/09E-31G01 M	08-08-66	384	21.0	--	--	15	--	14	--	89	0
02S/09E-36N01 M	03-07-50	604	--	44	--	14	8.0	14	--	94	0
02S/09E-36N01 M	08-08-66	604	21.0	--	--	11	16	16	2.7	132	0
02S/10E-11G01 M	03-20-51	604	--	--	--	11	6.5	26	--	71	0
02S/10E-11G01 M	07-08-64	604	--	--	40	15	6.8	13	4.6	89	0
02S/10E-11G01 M	08-28-67	604	--	--	10	20	9.0	14	3.6	--	--
02S/10E-14F01 M	04-12-50	218	--	--	--	11	8.4	.0	--	59	0
02S/10E-14F01 M	03-19-51	218	--	--	--	27	9.1	31	--	138	0
02S/10E-14F01 M	07-08-64	218	--	--	<50	20	8.4	11	2.9	115	0
02S/10E-14F01 M	07-14-66	218	--	--	--	21	7.2	12	3.1	105	0
02S/10E-14F01 M	05-02-67	218	20.0	--	--	22	9.2	11	--	108	0
02S/10E-14F01 M	08-28-67	218	--	--	10	22	8.0	12	2.5	--	--
02S/10E-14F02 M	04-08-68	650	22.0	--	--	6.8	2.3	23	--	--	--
02S/10E-14F02 M	04-08-68	650	--	--	--	7.0	2.4	23	--	--	--
02S/10E-14F02 M	04-08-68	650	--	--	--	7.0	2.3	23	--	--	--
02S/10E-14F02 M	04-08-68	650	22.0	--	--	7.0	2.3	25	--	--	--
02S/10E-14F02 M	04-08-68	650	21.0	--	--	9.2	3.4	22	--	--	--
02S/10E-15A01 M	03-20-51	575	--	--	--	26	10	19	--	117	0
02S/10E-15A01 M	07-08-64	575	--	--	<50	24	9.8	14	5.6	120	0
02S/10E-15A01 M	08-28-67	575	--	--	10	20	10	13	4.2	--	--
02S/10E-15F01 M	07-08-64	582	--	--	<50	15	6.9	14	4.3	99	0
02S/10E-15F01 M	08-28-67	582	--	--	10	16	7.0	14	3.5	--	--
02S/10E-25C01 M	08-12-53	--	--	44	--	46	24	14	--	204	0
02S/10E-25C01 M	07-30-63	--	--	47	--	47	16	21	--	210	0
02S/10E-27H01 M	03-09-66	475	18.0	--	--	39	--	24	--	206	6
02S/11E-02N01 M	08-16-60	--	--	--	--	--	--	41	--	220	0
02S/11E-02N01 M	03-09-66	--	14.0	--	--	26	11	10	4.0	139	0
03S/07E-13A01 M	07-27-55	250	--	22	--	42	21	42	--	282	0
03S/07E-13A01 M	07-11-57	250	--	45	--	39	18	46	--	272	0
03S/07E-13A01 M	08-20-59	250	--	45	--	46	23	52	--	314	0
03S/07E-13A01 M	08-09-66	250	18.0	--	--	45	24	42	4.0	290	0
03S/07E-23H01 M	10-27-55	90	--	36	--	27	14	23	--	172	0
03S/07E-23H01 M	08-10-66	90	19.0	--	--	49	17	35	3.3	254	4
03S/07E-24J01 M	08-06-49	117	--	38	--	36	30	104	--	467	0
03S/07E-24J01 M	07-05-56	117	--	50	--	46	23	67	--	351	0
03S/07E-24J01 M	08-10-66	117	18.0	--	--	43	--	74	--	313	21
03S/07E-24M01 M	04-27-49	64	--	43	--	31	14	38	--	223	0
03S/07E-24M01 M	08-20-59	64	--	50	--	31	18	53	--	262	0
03S/07E-24M01 M	08-10-66	64	18.0	--	--	41	--	46	--	260	0
03S/07E-25P01 M	09-13-48	160	--	40	--	28	13	55	--	204	0
03S/07E-25P01 M	10-13-58	160	--	44	--	23	18	54	--	207	0
03S/07E-25P01 M	08-10-66	160	19.0	--	--	42	--	52	--	192	10
03S/07E-33C01 M	02-10-65	67	--	--	--	--	--	--	--	171	12
03S/08E-04L01 M	06-20-52	315	--	40	--	23	14	16	--	146	0
03S/08E-04L01 M	08-09-66	315	20.0	--	--	41	--	33	--	209	3

open-hole well; M designates a sample from a well tapping more than one aquifer. A change in sampling

Results in milligrams per liter--Continued											
Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B) (in micrograms per liter)	Dissolved solids: Sum of determined constituents	Dissolved solids: Residue on evaporation at 180°C	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Specific conductance (micromhos at 25°C)	pH
6.6	6.8	--	16	0	--	231	134	9	15	303	8.4
21	27	--	--	150	--	423	219	--	32	--	7.8
6.2	11	--	--	50	--	240	115	--	31	--	7.3
8.1	6.3	--	16	0	--	235	101	0	36	300	8.6
3.3	18	--	--	50	--	243	140	--	9	--	8.0
4.9	25	--	--	150	--	218	100	--	39	--	7.6
11	21	--	--	50	--	249	105	--	40	--	7.8
4.9	18	--	7.0	100	--	266	98	0	37	324	8.6
41	57	--	--	100	--	368	65	--	76	--	8.0
--	18	--	--	--	--	--	180	--	31	466	8.0
7.0	7.1	--	--	100	--	112	44	--	51	--	7.4
19	14	--	--	50	--	246	115	--	30	--	7.2
--	3.9	--	--	--	--	--	138	--	36	319	8.2
8.2	11	--	--	50	--	198	49	--	59	--	7.8
2.1	7.1	--	--	50	--	135	57	--	41	--	7.6
--	4.8	--	--	--	--	--	56	--	45	179	8.3
6.1	11	--	--	100	--	148	68	--	31	--	7.1
3.6	6.2	--	7.8	0	--	200	92	0	26	262	7.7
20	22	.0	.2	--	156	--	49	--	51	--	8.0
6.5	7.5	.1	6.6	--	--	163	65	--	28	--	7.2
6.0	12	.0	10	--	--	--	88	--	25	--	7.8
.0	5.0	.0	3.5	--	--	--	62	--	0	--	7.8
22	15	.0	5.0	--	264	--	108	--	39	--	7.8
12	7.0	<.1	<2.2	--	--	142	84	--	21	--	7.2
5.1	5.7	.1	11	0	--	154	82	0	23	212	7.9
--	7.4	--	9.5	--	--	--	93	--	21	231	8.1
4.0	10	.0	11	--	--	--	88	--	22	--	7.8
1.0	5.0	--	--	--	--	--	28	--	65	149	8.0
1.8	5.0	--	--	--	--	--	29	--	65	145	8.1
.9	5.0	--	--	--	--	--	28	--	65	149	8.1
.5	5.0	--	--	--	--	--	28	--	67	149	8.2
.8	5.0	--	--	--	--	--	40	--	56	155	8.1
10	18	.0	5.0	--	223	--	108	--	28	--	7.8
5.1	14	<.1	6.6	--	--	201	100	--	22	--	7.4
6.0	14	.0	12	--	--	--	96	--	23	--	7.8
4.0	8.6	.1	<2.2	--	--	159	67	--	30	--	7.4
4.0	14	.0	4.0	--	--	--	68	--	29	--	7.8
30	32	--	--	40	--	323	214	--	12	--	7.9
17	25	--	--	50	--	355	181	--	20	--	7.9
--	14	--	15	--	--	--	160	--	35	415	8.5
--	29	--	--	--	--	--	245	--	--	647	8.3
5.1	4.3	--	16	0	--	192	111	0	16	255	8.2
12	27	--	--	50	--	326	193	--	32	--	7.7
5.3	32	--	--	50	--	348	174	--	37	--	7.7
18	32	--	--	150	--	403	210	--	35	--	7.7
20	24	--	29	0	--	382	212	0	30	621	8.2
14	14	--	--	10	--	222	126	--	29	--	7.7
13	27	--	19	100	--	336	191	0	28	567	8.4
12	32	--	--	250	--	504	217	--	51	--	8.1
10	39	--	--	50	--	418	210	--	41	--	7.5
--	17	--	--	--	--	--	182	--	60	645	8.8
9.5	18	--	--	200	--	268	136	--	38	--	7.8
15	25	--	--	150	--	333	152	--	43	--	7.8
--	23	--	--	--	--	--	172	--	49	549	8.3
7.5	46	--	--	40	--	320	123	--	49	--	7.7
6.2	50	--	--	50	--	322	132	--	47	--	7.9
--	47	--	--	--	--	--	161	--	52	524	8.6
--	70	--	--	--	--	--	167	--	--	598	8.7
8.2	14	--	--	40	--	195	114	--	23	--	7.8
--	16	--	--	--	--	--	162	--	41	447	8.4

State well number	Date of collection	Sampling depth (feet)	Water temperature (°C)	Results in milligrams per liter							
				Silica (SiO_2)	Iron (Fe) (in micrograms per liter)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)
03S/08E-06N01 M	08-18-44	200	--	31	--	34	12	43	--	223	0
03S/08E-06N01 M	07-27-55	200	--	48	--	48	20	43	--	291	0
03S/08E-06N01 M	09-26-62	200	--	26	--	56	25	47	--	363	0
03S/08E-06N01 M	08-09-66	200	18.0	--	--	61	--	54	--	309	27
03S/08E-07Q01 M	06-20-52	160	--	30	--	55	23	40	--	314	0
03S/08E-07Q01 M	07-30-63	160	--	54	--	69	35	79	--	473	0
03S/08E-07Q01 M	08-09-66	160	18.0	--	--	66	--	79	--	330	19
03S/08E-08D01 M	10-07-47	130	--	40	--	39	18	32	--	204	0
03S/08E-08D01 M	09-13-48	130	--	46	--	35	19	30	--	223	0
03S/08E-08D01 M	07-18-50	130	--	43	--	41	18	34	--	239	0
03S/08E-08D01 M	07-27-55	130	--	38	--	53	23	31	--	284	0
03S/08E-08D01 M	08-09-66	130	18.0	--	--	70	--	47	--	387	0
03S/08E-09P01 M	07-11-57	124	--	43	--	53	26	67	--	378	0
03S/08E-09P01 M	08-22-61	124	--	50	--	67	33	50	--	400	0
03S/08E-09P01 M	08-09-66	124	18.0	--	--	78	--	56	--	411	0
03S/08E-11N01 M	09-14-48	100	--	50	--	37	17	30	--	226	0
03S/08E-11N01 M	07-11-57	100	--	46	--	27	28	46	--	244	0
03S/08E-11N01 M	08-09-66	100	18.0	--	--	53	--	42	--	260	0
03S/08E-13F01 M	06-07-49	296	--	72	--	19	9.3	28	--	134	0
03S/08E-13F01 M	08-22-61	296	--	44	--	33	11	15	--	146	0
03S/08E-13F01 M	08-09-66	296	19.0	--	--	37	14	20	1.9	149	7
03S/08E-13J01 M	04-23-69	(M)	--	--	--	47	20	44	--	272	0
03S/08E-14M01 M	08-12-53	100	--	44	--	46	24	14	--	204	0
03S/08E-14M01 M	08-09-66	100	19.0	--	--	51	--	31	--	213	0
03S/08E-15Q01 M	06-24-54	--	--	45	--	50	17	12	--	217	0
03S/08E-15Q01 M	07-30-63	--	--	36	--	58	16	17	--	247	0
03S/08E-15Q01 M	08-09-66	--	19.0	--	--	57	--	22	--	246	0
03S/08E-16E01 M	08-14-53	85	--	43	--	41	19	26	--	210	0
03S/08E-16E01 M	07-30-63	85	--	39	--	51	17	17	--	232	0
03S/08E-16E01 M	08-09-66	85	18.0	--	--	52	--	33	--	220	6
03S/08E-16R01 M	07-18-50	93	--	38	--	39	15	30	--	207	0
03S/08E-16R01 M	08-20-59	93	--	42	--	32	19	38	--	229	0
03S/08E-16R01 M	08-09-66	93	18.0	--	--	52	--	31	--	209	23
03S/08E-17L01 M	06-20-52	85	--	39	--	50	9.3	41	--	250	0
03S/08E-17L01 M	08-09-66	85	19.0	--	--	47	--	30	--	202	15
03S/08E-18C01 M	08-12-49	200	--	43	--	48	22	42	--	296	0
03S/08E-18C01 M	10-13-58	200	--	47	--	30	30	59	--	317	0
03S/08E-18C01 M	08-09-66	200	18.0	--	--	67	--	47	--	280	29
03S/08E-18J01 M	07-23-51	87	--	39	--	57	30	35	--	336	0
03S/08E-18J01 M	09-15-60	87	--	50	--	52	20	50	--	314	0
03S/08E-18J01 M	08-09-66	--	18.0	--	--	52	--	52	--	259	21
03S/08E-18K01 M	07-18-50	77	--	26	--	51	22	51	--	305	0
03S/08E-18K01 M	10-13-58	77	--	57	--	30	29	88	--	357	0
03S/08E-18K01 M	08-09-66	77	18.0	--	--	46	20	67	3.2	322	0
03S/08E-19C01 M	08-12-53	58	--	40	--	43	22	37	--	220	0
03S/08E-19C01 M	08-22-61	58	--	49	--	39	22	20	--	229	0
03S/08E-19C01 M	08-09-66	58	19.0	--	--	47	--	23	--	199	9
03S/08E-19Q01 M	07-18-50	95	--	34	--	37	17	35	--	247	0
03S/08E-19Q01 M	08-20-59	95	--	50	--	38	18	50	--	284	0
03S/08E-19Q01 M	08-09-66	95	19.0	--	--	48	--	34	--	222	19
03S/08E-20E01 M	08-12-49	110	--	50	--	48	21	45	--	305	0
03S/08E-20E01 M	08-20-59	110	--	50	--	42	20	56	--	296	0
03S/08E-20E01 M	08-10-66	110	18.0	--	--	47	--	40	--	286	0
03S/08E-20R01 M	06-20-52	72	--	31	--	41	21	13	--	226	0
03S/08E-20R01 M	07-30-63	72	--	40	--	47	22	20	--	265	0
03S/08E-20R01 M	08-10-66	72	19.0	--	--	40	--	28	--	231	0
03S/08E-22C01 M	06-14-61	(M)	--	60	--	18	5.4	20	4.0	119	0
03S/08E-22C02 M	06-16-61	131	--	53	--	31	11	27	2.3	190	0
03S/08E-22P01 M	10-07-47	--	--	43	--	29	12	32	--	162	0
03S/08E-22P01 M	07-11-57	--	--	37	--	16	12	36	--	171	0
03S/08E-22P01 M	08-09-66	--	18.0	--	--	46	--	30	--	223	0
03S/08E-23H01 M	07-23-51	128	--	35	--	34	15	42	--	226	0
03S/08E-23H01 M	09-15-60	128	--	32	--	42	14	33	--	232	0
03S/08E-23H01 M	08-09-66	128	18.0	--	--	43	--	30	--	205	6
03S/08E-24C02 M	04-28-61	(M)	--	39	--	14	6.8	23	--	113	0

Results in milligrams per liter--Continued											
Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B) (in micrograms per liter)	Dissolved solids: Sum of determined constituents	Dissolved solids: Residue on evaporation at 180°C	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Specific conductance (micromhos at 25°C)	pH
12	21	--	--	20	--	265	136	--	41	--	8.0
13	30	--	--	50	--	352	202	--	32	--	7.8
7.0	28	--	--	50	--	407	245	--	30	--	7.4
--	27	--	--	--	--	--	221	--	44	691	8.9
14	32	--	--	60	--	360	232	--	27	--	7.7
19	57	--	--	100	--	564	318	--	35	--	7.7
--	47	--	--	--	--	--	274	--	51	930	8.7
13	39	--	--	40	--	295	169	--	29	--	8.0
4.9	32	--	--	30	--	297	166	--	28	--	7.6
7.4	32	--	--	70	--	317	176	--	30	--	7.1
11	36	--	--	50	--	336	228	--	23	--	7.6
--	31	--	--	--	--	--	311	--	37	740	8.3
14	43	--	--	50	--	477	241	--	38	--	7.5
24	43	--	--	150	--	496	304	--	26	--	7.2
--	31	--	--	--	--	--	316	--	38	802	8.1
7.4	32	--	--	30	--	336	163	--	29	--	7.7
16	46	--	--	50	--	367	183	--	35	--	7.5
--	46	--	--	--	--	--	233	--	41	632	8.2
11	18	--	--	100	--	236	87	--	42	--	7.8
14	18	--	--	50	--	220	128	--	20	--	7.7
17	12	--	31	100	--	280	152	24	22	401	8.5
19	19	--	35	100	--	386	204	--	32	--	7.7
30	32	--	--	40	--	323	214	--	12	--	7.9
--	21	--	--	--	--	--	218	--	35	546	8.3
13	21	--	--	30	--	293	195	--	12	--	8.4
13	21	--	--	50	--	334	211	--	15	--	7.7
--	14	--	--	--	--	--	231	--	25	511	8.3
22	30	--	--	40	--	308	183	--	24	--	7.8
14	21	--	--	50	--	342	197	--	16	--	7.9
--	18	--	--	--	--	--	199	--	36	516	8.4
9.1	23	--	--	60	--	279	159	--	29	--	7.2
15	28	--	--	150	--	330	160	--	34	--	7.7
--	20	--	--	--	--	--	212	--	34	548	8.7
19	18	--	--	60	--	318	162	--	35	--	7.8
--	14	--	--	--	--	--	202	--	36	508	8.9
12	32	--	--	200	--	356	211	--	30	--	7.8
25	28	--	--	50	--	383	200	--	39	--	7.8
--	26	--	--	--	--	--	298	--	38	704	9.0
31	24	--	--	70	--	455	268	--	22	--	7.3
16	32	--	--	50	--	400	212	--	34	--	7.4
--	26	--	--	--	--	--	209	--	47	696	8.8
14	44	--	--	80	--	504	218	--	34	--	7.4
28	43	--	--	50	--	486	196	--	50	--	7.8
26	30	--	35	200	--	429	198	0	42	707	8.3
31	26	--	--	40	--	318	198	--	29	--	7.9
16	18	--	--	50	--	368	188	--	19	--	7.5
--	14	--	--	--	--	--	201	--	30	468	8.8
3.3	21	--	--	60	--	299	161	--	32	--	7.3
17	18	--	--	150	--	354	170	--	39	--	7.7
--	12	--	--	--	--	--	188	--	38	521	8.8
14	28	--	--	200	--	368	209	--	32	--	7.8
17	32	--	--	150	--	377	185	--	39	--	7.6
--	20	--	--	--	--	--	188	--	43	588	8.3
11	14	--	--	50	--	278	189	--	13	--	7.8
7.8	18	--	--	50	--	323	208	--	17	--	7.8
--	11	--	--	--	--	--	189	--	38	470	8.3
1.8	4.9	.2	8.2	60	180	--	67	0	38	221	8.1
7.1	9.4	.2	6.5	100	241	--	122	0	32	354	8.1
12	35	--	--	80	--	260	125	--	36	--	8.0
4.5	18	--	--	50	--	236	92	--	47	--	7.7
--	13	--	--	--	--	--	181	--	36	458	8.0
13	28	--	--	70	--	299	150	--	38	--	7.6
12	21	--	--	50	--	285	161	--	31	--	7.2
--	14	--	--	--	--	--	168	--	38	444	8.4
3.3	11	--	--	100	--	164	62	--	44	--	7.4

State well number	Date of collection	Sampling depth (feet)	Water temperature (°C)	Results in milligrams per liter							
				Silica (SiO_2)	Iron (Fe) (in micrograms per liter)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)
03S/08E-26J01 M	06-24-54	95	--	38	--	39	12	37	--	220	6
03S/08E-26J01 M	08-10-66	95	19.0	--	--	49	--	44	--	235	9
03S/08E-27H01 M	07-23-51	98	--	34	--	46	17	44	--	262	0
03S/08E-27H01 M	08-22-61	98	--	49	--	57	16	40	--	296	0
03S/08E-27H01 M	09-26-62	98	--	56	--	52	20	31	--	287	0
03S/08E-27H01 M	08-09-66	98	18.0	--	--	37	14	40	2.4	238	0
03S/08E-28Q01 M	07-23-51	138	--	40	--	45	14	39	--	223	0
03S/08E-28Q01 M	08-09-66	138	19.0	--	--	44	--	38	--	209	0
03S/08E-29E01 M	08-12-53	150	--	41	--	42	20	23	--	235	0
03S/08E-29E01 M	08-11-64	150	--	44	--	38	14	43	--	256	0
03S/08E-29E01 M	08-09-66	150	19.0	--	--	44	--	36	--	216	15
03S/08E-29K01 M	06-24-54	240	--	37	--	48	19	49	--	272	12
03S/08E-29K01 M	08-10-66	240	18.0	--	--	55	20	56	4.0	290	22
03S/08E-31G01 M	07-18-50	76	--	38	--	39	13	51	--	218	0
03S/08E-31G01 M	10-13-58	76	--	54	--	23	24	72	--	247	0
03S/08E-31G01 M	08-09-66	76	18.0	--	--	57	--	62	--	298	0
03S/08E-32C01 M	04-05-34	86	--	33	--	32	14	36	--	192	0
03S/08E-32C01 M	07-27-55	86	--	39	--	38	14	41	--	224	0
03S/08E-32C01 M	09-26-62	86	--	40	--	46	17	40	--	259	0
03S/08E-32C01 M	08-09-66	86	18.0	--	--	34	--	48	--	209	6
03S/08E-34B01 M	08-12-53	115	--	44	--	31	14	40	--	192	0
03S/08E-34B01 M	08-10-66	115	19.0	--	--	38	--	42	--	205	10
03S/09E-02P01 M	10-07-47	155	--	54	--	21	10	19	--	113	0
03S/09E-02P01 M	08-20-59	155	--	56	--	18	16	30	--	165	0
03S/09E-02P01 M	08-08-66	155	19.0	--	--	35	--	17	--	161	8
03S/09E-03D01 M	09-13-49	650	--	47	--	24	8.6	29	--	137	0
03S/09E-03D01 M	08-11-64	650	--	33	--	18	8.8	22	--	128	0
03S/09E-03D01 M	08-08-66	650	21.0	--	--	20	7.0	19	3.8	122	0
03S/09E-07C01 M	04-22-60	380	--	50	--	18	6.0	28	--	116	0
03S/09E-07C01 M	08-09-66	380	19.0	--	--	27	12	21	2.9	147	0
03S/09E-08D01 M	08-08-66	424	20.0	--	--	36	--	30	--	196	0
03S/09E-08K01 M	09-20-61	395	--	53	--	20	9.1	15	--	119	0
03S/09E-08K01 M	06-08-66	395	19.0	--	--	60	25	31	3.6	284	0
03S/09E-09J01 M	08-06-49	424	--	27	--	19	7.4	13	--	107	0
03S/09E-09J01 M	08-11-64	424	--	42	--	38	16	26	--	217	0
03S/09E-09J01 M	08-08-66	424	21.0	--	--	30	--	19	--	126	8
03S/09E-09P01 M	08-12-63	340	--	36	--	41	17	16	--	220	0
03S/09E-09P01 M	05-10-66	340	20.0	--	--	44	18	24	3.3	224	0
03S/09E-11M01 M	06-20-52	70	--	44	--	54	19	19	--	241	0
03S/09E-11M01 M	08-08-66	70	18.0	--	--	61	--	32	--	272	0
03S/09E-14P01 M	02-09-49	255	--	56	--	31	8.7	25	--	165	0
03S/09E-14P01 M	09-15-60	255	--	44	--	33	23	24	--	187	0
03S/09E-14P01 M	08-08-66	255	20.0	--	--	21	--	20	--	110	3
03S/09E-16N02 M	03-29-61	320	--	42	--	26	11	46	--	195	0
03S/09E-16N02 M	05-20-64	320	--	--	50	37	14	31	4.3	199	0
03S/09E-16N02 M	08-08-66	320	20.0	--	--	75	--	38	--	288	0
03S/09E-17D01 M	10-24-61	300	--	32	--	22	13	15	--	140	0
03S/09E-17D01 M	05-21-64	300	--	--	60	64	24	22	3.8	266	0
03S/09E-17D01 M	08-10-66	300	19.0	--	--	82	--	26	--	261	4
03S/09E-17N01 M	05-07-53	127	--	--	0	34	13	20	--	162	0
03S/09E-17N01 M	10-26-66	--	19.0	--	--	57	16	38	3.0	263	0
03S/09E-17P01 M	04-19-56	220	--	35	--	46	14	10	--	201	0
03S/09E-17P01 M	02-11-59	220	--	--	--	43	17	22	2.3	212	0
03S/09E-17P01 M	08-10-66	220	19.0	--	--	48	18	22	2.8	202	6
03S/09E-19B01 M	05-07-53	142	--	--	0	32	12	20	--	130	6
03S/09E-19B01 M	10-25-66	--	19.0	--	--	27	21	34	3.2	198	3
03S/09E-19C01 M	08-08-66	(M)	20.0	--	--	36	13	35	3.1	210	0
03S/09E-19J01 M	05-21-64	200	--	--	30	26	9.9	21	3.1	140	0
03S/09E-19J01 M	08-10-66	200	20.0	--	--	40	--	23	--	194	7
03S/09E-20C01 M	03-05-54	(M)	--	41	--	20	9.7	16	--	119	0
03S/09E-20C01 M	11-20-58	(M)	--	--	--	21	5.3	23	2.8	128	0
03S/09E-20C01 M	08-08-66	(M)	21.0	--	--	25	7.4	20	2.4	125	3
03S/09E-20J01 M	12-27-51	125	--	--	--	22	8.4	18	--	139	0
03S/09E-20J01 M	04-19-56	125	--	21	--	24	9.8	23	--	151	0
03S/09E-20J01 M	05-20-65	125	--	--	60	36	14	30	3.1	189	0

Results in milligrams per liter--Continued											
Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B) (in micrograms per liter)	Dissolved solids: Sum of determined constituents	Dissolved solids: Residue on evaporation at 180°C	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Specific conductance (micromhos at 25°C)	pH
13	18	--	--	30	--	299	148	--	35	--	8.5
--	19	--	--	--	--	--	159	--	44	524	8.5
8.6	39	--	--	80	--	353	185	--	34	--	7.5
13	28	--	--	50	--	405	210	--	29	--	7.8
5.4	28	--	--	50	--	394	214	--	24	--	7.5
11	20	--	17	0	--	321	150	0	36	495	8.2
17	39	--	--	60	--	326	171	--	33	--	7.2
--	31	--	--	--	--	--	169	--	43	489	8.1
12	25	--	--	40	--	288	190	--	21	--	7.8
9.1	18	--	--	50	--	348	153	--	38	--	7.7
--	14	--	--	--	--	--	187	--	42	486	8.6
12	36	--	--	40	--	360	199	--	35	--	8.7
12	25	--	18	0	--	410	219	0	35	667	8.7
3.7	57	--	--	80	--	318	152	--	42	--	7.2
13	64	--	--	50	--	376	158	--	50	--	7.9
--	59	--	--	--	--	--	234	--	49	688	8.3
8.6	35	--	--	--	--	274	--	--	36	--	--
12	32	--	--	50	--	288	153	--	37	--	7.7
4.9	39	--	--	50	--	360	188	--	32	--	7.0
--	40	--	--	--	--	--	164	--	55	535	8.5
12	25	--	--	30	--	278	135	--	39	--	7.9
--	24	--	--	--	--	--	159	--	49	468	8.6
9.0	25	--	--	30	--	208	96	--	31	--	7.8
14	18	--	--	100	--	272	110	--	37	--	7.6
--	12	--	--	--	--	--	151	--	30	323	8.6
19	18	--	--	50	--	217	95	--	40	--	7.8
4.1	14	--	--	50	--	192	82	--	37	--	7.4
1.6	7.8	--	6.6	0	--	190	79	0	33	238	7.9
5.4	21	--	--	50	--	235	70	--	47	--	7.4
13	9.0	--	24	0	--	247	117	0	27	329	8.2
--	16	--	--	--	--	--	167	--	42	437	8.3
1.7	14	--	--	50	--	198	87	--	27	--	7.7
18	32	--	29	0	--	389	253	20	21	619	7.9
3.1	11	--	--	200	--	174	79	--	27	--	7.0
16	14	--	--	50	--	301	160	--	26	--	7.7
--	9.5	--	--	--	--	--	115	--	36	283	8.5
5.8	14	--	--	50	--	280	172	--	17	--	7.5
15	14	--	21	0	--	295	186	2	22	456	8.1
21	25	--	--	60	--	322	214	--	16	--	7.6
--	25	--	--	--	--	--	260	--	31	623	8.3
17	9.9	--	--	50	--	235	113	--	32	--	7.8
10	11	--	--	50	--	259	177	--	23	--	7.3
--	8.2	--	--	--	--	--	74	--	45	219	8.5
8.2	28	--	--	100	--	275	109	--	48	--	7.5
9.0	28	.1	13	--	--	297	152	--	30	--	7.5
--	34	--	16	--	--	--	232	--	31	623	8.3
2.5	18	--	--	50	--	199	111	--	23	--	7.6
24	24	.1	36	--	--	420	258	--	15	--	7.8
--	22	--	35	--	--	--	220	--	22	592	8.4
4.8	6.5	.0	6.2	--	--	--	138	--	24	--	8.0
26	16	--	30	100	--	363	210	0	28	616	8.1
6.2	14	--	--	50	--	264	176	--	11	--	7.1
11	18	.0	2.3	--	--	293	178	--	21	--	7.4
15	19	--	26	100	--	276	194	19	20	464	8.4
7.2	7.2	.0	24	--	--	--	130	--	25	--	8.3
21	12	--	37	100	--	298	154	0	32	483	8.4
13	10	--	24	100	--	242	145	0	34	426	8.0
5.6	13	.1	11	--	--	238	106	--	29	--	7.2
--	17	--	17	--	--	--	145	--	33	434	8.5
7.8	14	--	--	20	--	180	91	--	28	--	8.2
7.3	6.0	.1	2.0	--	--	203	74	--	39	--	8.1
5.9	11	--	11	100	--	208	93	0	31	263	8.4
.0	9.4	.1	.6	--	--	200	90	--	30	--	7.6
3.3	16	--	--	20	--	193	101	--	33	--	7.6
9.9	19	.2	18	--	--	291	144	--	30	--	7.5

State well number	Date of collection	Sampling depth (feet)	Water temperature (°C)	Results in milligrams per liter							
				Silica (SiO_2)	Iron (Fe) (in micrograms per liter)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)
03S/09E-20J01 M	06-07-66	125	20.0	--	--	48	--	30	--	174	6
03S/09E-20K01 M	01-06-50	263	--	51	--	22	6.4	30	--	105	0
03S/09E-20K01 M	12-27-51	263	--	--	--	18	4.4	24	--	104	0
03S/09E-20K01 M	04-19-56	263	--	32	--	23	8.4	14	--	111	0
03S/09E-20K01 M	05-20-64	263	--	--	30	29	10	29	3.7	159	0
03S/09E-20K01 M	06-09-66	263	21.0	--	--	40	--	28	--	153	6
03S/09E-21A01 M	03-31-50	275	--	38	--	37	8.7	14	--	140	0
03S/09E-21A01 M	08-11-66	275	19.0	--	--	10	--	3.2	--	42	0
03S/09E-21P01 M	12-27-51	125	--	--	--	15	4.2	12	--	95	0
03S/09E-21P01 M	04-19-56	125	--	18	--	17	6.0	16	--	110	0
03S/09E-21P01 M	05-20-64	125	--	--	20	28	8.0	19	3.3	140	0
03S/09E-21P01 M	06-08-66	125	20.0	--	--	36	--	20	--	155	3
03S/09E-22N01 M	11-20-58	(M)	--	--	--	19	6.6	16	2.2	112	0
03S/09E-22N01 M	06-19-59	(M)	--	36	--	7.2	6.9	44	--	140	0
03S/09E-22N01 M	06-07-66	(M)	20.0	--	--	33	8.1	30	3.2	150	6
03S/09E-28C01 M	08-03-39	234	--	--	--	--	--	--	--	96	4
03S/09E-28C01 M	12-27-51	234	--	--	--	18	4.3	24	--	116	0
03S/09E-28C01 M	04-19-56	234	--	22	--	19	3.7	31	--	120	0
03S/09E-28C01 M	05-20-64	234	--	--	30	25	5.9	27	4.8	148	0
03S/09E-28C01 M	06-14-66	234	21.0	--	--	34	--	28	--	138	4
03S/09E-28K01 M	04-23-69	158	--	--	--	31	9.1	33	--	192	0
03S/09E-28M01 M	04-19-56	118	--	47	--	49	16	32	--	223	0
03S/09E-28M01 M	11-20-58	118	--	--	--	46	15	37	3.8	231	0
03S/09E-28M01 M	06-09-66	118	20.0	--	--	48	15	36	4.0	237	0
03S/09E-28M01 M	03-12-70	118	--	--	--	45	18	42	--	235	0
03S/09E-28M01 M	06-08-70	118	--	5.0	--	14	11	158	2.0	233	0
03S/09E-29B01 M	08-03-39	(M)	--	--	--	--	--	--	--	88	8
03S/09E-29B01 M	04-19-56	(M)	--	44	--	28	9.7	38	--	108	0
03S/09E-29B01 M	11-20-58	(M)	--	--	--	29	6.9	45	5.0	109	0
03S/09E-29B01 M	06-09-66	(M)	22.0	--	--	37	7.9	46	5.3	111	0
03S/09E-29D02 M	04-19-56	(M)	--	39	--	37	15	28	--	214	0
03S/09E-29D02 M	05-19-65	(M)	--	--	--	40	13	25	3.6	190	0
03S/09E-29D02 M	06-14-66	(M)	20.0	--	--	60	--	28	--	223	8
03S/09E-29D02 M	05-02-67	(M)	20.0	--	--	37	12	24	--	182	0
03S/09E-29G01 M	04-19-56	112	--	36	--	44	15	29	--	198	0
03S/09E-29G01 M	02-11-59	112	--	--	--	50	14	32	4.3	218	0
03S/09E-29G01 M	06-09-66	112	20.0	--	--	50	14	35	4.5	221	0
03S/09E-29G01 M	03-12-70	112	--	--	--	47	18	45	--	224	0
03S/09E-29G01 M	06-08-70	112	--	7.0	--	55	20	78	3.0	366	0
03S/09E-29L01 M	08-03-39	118	--	--	--	--	--	--	--	132	0
03S/09E-29L01 M	12-27-51	118	--	--	--	39	12	25	--	184	0
03S/09E-29L01 M	04-19-56	118	--	44	--	37	13	25	--	178	0
03S/09E-29L01 M	05-21-64	118	--	--	20	40	14	34	3.9	209	0
03S/09E-29L01 M	06-09-66	118	20.0	--	--	54	--	34	--	213	10
03S/09E-29P01 M	11-20-58	124	--	--	--	38	10	35	3.4	171	0
03S/09E-29P01 M	03-29-60	124	--	44	--	33	12	53	--	192	0
03S/09E-29P01 M	03-12-70	124	--	--	--	50	18	45	--	200	0
03S/09E-29P01 M	06-08-70	124	--	14	--	40	10	268	5.0	214	0
03S/09E-30E01 M	02-27-69	112	--	--	--	42	14	49	--	217	0
03S/09E-31F01 M	06-09-66	276	21.0	--	--	26	7.0	60	4.6	146	8
03S/09E-32A01 M	04-19-56	225	--	37	--	59	16	90	--	116	0
03S/09E-32A01 M	02-13-59	225	--	--	--	61	15	92	7.8	116	0
03S/09E-32A01 M	06-07-66	225	22.0	--	--	70	16	96	8.7	131	0
03S/09E-32A01 M	03-12-70	225	--	--	--	67	20	128	--	146	0
03S/09E-32A01 M	06-08-70	225	--	4.0	--	27	14	362	2.0	134	42
03S/09E-32F01 M	08-03-39	200	--	--	--	--	--	--	--	124	4
03S/09E-32F01 M	12-27-51	200	--	--	--	58	19	121	--	168	0
03S/09E-32F01 M	04-19-56	200	--	36	--	29	9.1	69	--	154	0
03S/09E-32F01 M	03-26-59	200	--	--	--	33	9.4	64	4.6	167	0
03S/09E-32F01 M	06-09-66	200	21.0	--	--	49	4.9	61	5.1	197	0
03S/09E-32F01 M	03-12-70	200	--	--	--	42	13	95	--	195	0
03S/09E-32G01 M	12-27-51	110	--	--	--	46	13	104	--	165	0
03S/09E-32G01 M	04-19-56	110	--	42	--	59	18	108	--	198	0
03S/09E-32G01 M	01-20-59	110	--	--	--	40	16	22	2.5	201	0
03S/09E-32G01 M	06-07-66	110	21.0	--	--	60	19	104	7.5	230	0

Results in milligrams per liter--Continued											
Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B) (in micrograms per liter)	Dissolved solids: Sum of determined constituents	Dissolved solids: Residue on evaporation at 180°C	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Specific conductance (micromhos at 25°C)	pH
--	19	--	18	--	--	--	134	--	35	439	8.5
6.5	28	--	--	100	--	204	82	--	45	--	7.8
.0	19	.0	.5	--	--	172	62	--	45	--	7.9
2.1	21	--	--	50	--	191	94	--	25	--	7.6
4.1	24	.2	16	--	--	261	116	--	35	--	7.7
--	25	--	11	--	--	--	114	--	38	379	8.6
3.3	11	--	--	30	--	195	104	--	19	--	8.3
--	1.9	--	--	--	--	--	43	--	22	82	7.6
.5	1.2	.0	.3	--	--	130	55	--	32	--	7.8
2.5	7.1	--	--	20	--	126	68	--	34	--	7.8
6.7	9.5	.2	11	--	--	214	102	--	28	--	7.7
--	12	--	11	--	--	--	110	--	33	318	8.4
3.5	10	.1	1.9	--	--	178	76	--	31	--	7.9
10	11	--	--	100	--	206	47	--	67	--	7.9
22	7.4	<1.0	17	0	--	226	116	0	35	356	8.5
.0	24	--	--	--	--	--	98	--	--	--	8.1
.0	12	.0	.8	--	--	177	63	--	45	--	7.6
4.1	18	--	--	50	--	170	62	--	52	--	7.9
5.8	12	.1	9.7	--	--	224	86	--	39	--	7.6
--	13	--	7.4	--	--	--	90	--	42	293	8.5
2.9	14	--	8.4	100	--	258	116	--	38	--	7.9
9.9	44	--	--	50	--	312	187	--	27	--	7.7
8.6	36	.1	2.5	--	--	388	175	--	31	--	7.9
8.1	38	--	12	0	--	323	182	0	30	524	8.3
12	46	--	10	100	--	339	189	--	33	--	7.8
11	156	.1	.9	150	--	579	81	--	81	953	8.4
2.0	47	--	--	--	--	--	98	--	--	--	8.2
3.7	71	--	--	50	--	257	110	--	43	--	7.7
2.0	77	.1	1.7	--	--	282	102	--	48	--	8.2
.0	99	--	4.3	200	--	342	125	34	43	528	8.1
5.8	25	--	--	50	--	261	156	--	28	--	7.7
7.7	19	.1	22	0	--	273	154	0	26	431	8.0
--	23	--	17	--	--	--	172	--	29	505	8.5
--	22	--	14	--	--	--	143	--	27	413	8.3
12	43	--	--	50	--	300	173	--	27	--	7.4
11	44	.1	1.7	--	--	342	184	--	27	--	7.8
8.6	47	--	11	0	--	325	181	0	29	525	8.3
10	60	--	--	100	--	364	191	--	34	--	7.7
18	50	.2	.9	150	--	476	221	--	43	634	8.1
.0	25	--	--	--	--	--	117	--	--	--	7.5
6.7	31	--	.3	--	--	299	148	--	27	--	7.6
7.4	32	--	--	50	--	264	146	--	27	--	7.5
8.9	29	.1	14	--	--	322	156	--	31	--	7.6
--	30	--	12	--	--	--	154	--	35	501	8.7
8.4	41	.1	2.5	--	--	317	138	--	35	--	7.9
5.4	60	--	--	100	--	328	134	--	47	--	7.5
8.6	78	--	12	100	--	382	207	--	33	--	7.7
96	305	.3	1.3	550	--	926	142	--	80	1450	8.3
14	43	--	20	50	--	326	164	--	40	--	7.9
10	44	--	21	200	--	304	94	0	57	466	8.5
7.4	218	--	--	100	--	504	217	--	48	--	7.6
2.1	230	.1	.8	--	--	589	212	--	47	--	8.0
1.2	240	--	4.5	400	--	671	241	134	45	1020	8.3
4.1	284	--	5.3	200	--	634	250	--	53	--	7.8
101	468	.2	2.2	700	--	1100	126	--	86	1880	8.8
3.0	104	--	--	--	--	--	124	--	--	--	8.0
.0	248	.0	.6	--	--	618	226	--	54	--	7.2
11	87	--	--	100	--	320	111	--	58	--	7.7
5.4	75	.0	2.9	--	--	348	120	--	52	--	8.2
5.6	77	--	11	200	--	350	142	0	47	597	8.3
6.2	135	--	10	300	--	463	159	--	57	--	7.8
.0	183	.0	.8	--	--	515	170	--	57	--	7.7
7.8	202	--	--	100	--	565	222	--	51	--	7.7
7.2	15	.0	4.2	--	--	267	168	--	22	--	7.5
11	177	--	15	300	--	570	226	37	49	978	8.3

State well number	Date of collection	Sampling depth (feet)	Water temperature (°C)	Results in milligrams per liter							
				Silica (SiO_2)	Iron (Fe) (in micrograms per liter)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)
03S/09E-32P01 M	12-27-51	155	--	--	--	26	6.7	76	--	156	0
03S/09E-32P01 M	04-19-56	155	--	45	--	35	11	59	--	169	0
03S/09E-32P01 M	05-21-64	155	--	--	40	27	10	73	5.1	197	0
03S/09E-32P01 M	06-07-66	155	21.0	--	--	44	--	78	--	212	5
03S/10E-06G01 M	08-20-59	480	--	34	--	12	7.4	28	--	107	0
03S/10E-06G01 M	08-08-66	480	20.0	--	--	28	--	22	--	134	7
03S/10E-08D01 M	05-27-48	510	--	60	--	23	5.1	4.2	--	88	0
03S/10E-08D01 M	08-12-49	510	--	45	--	23	7.1	16	--	116	0
03S/10E-08D01 M	08-08-66	510	20.0	--	--	35	--	17	--	160	0
03S/10E-13A01 M	09-16-57	780	21.0	57	--	19	9.1	18	3.8	137	0
03S/10E-13A01 M	10- -59	780	--	12	--	5.8	3.0	2.5	.8	32	0
03S/10E-13A01 M	09- -60	780	--	15	--	7.0	2.0	5.0	1.0	42	0
03S/10E-13A01 M	08-30-61	780	--	14	--	9.6	2.9	3.3	1.8	40	0
03S/10E-13A01 M	08-08-62	780	22.0	--	--	--	--	2.7	1.0	--	--
03S/10E-13A01 M	06-28-63	780	22.0	10	--	7.4	.6	1.7	1.2	24	0
03S/10E-17K01 M	08-11-64	476	--	23	--	32	11	24	--	183	0
03S/10E-17K01 M	08-08-66	476	20.0	--	--	37	--	21	--	161	7
03S/10E-18P01 M	01-25-50	606	--	39	--	45	22	87	--	110	0
03S/10E-18P01 M	08-18-50	606	--	34	--	38	13	42	--	122	0
03S/10E-18P01 M	09-15-60	606	--	40	--	26	14	26	--	125	0
03S/10E-18P01 M	08-08-66	606	21.0	--	--	35	--	24	--	116	4
03S/10E-26M01 M	11-03-58	330	--	58	--	99	49	216	--	140	0
03S/10E-26M01 M	08-20-59	330	--	49	--	49	41	80	--	152	0
03S/10E-26M01 M	09-15-60	330	--	54	--	60	54	36	--	165	0
03S/10E-26M01 M	08-22-61	330	--	62	--	60	40	48	--	162	0
03S/10E-26M01 M	08-08-66	330	20.0	--	--	74	--	62	--	143	13
03S/10E-29K01 M	06-30-48	370	--	60	--	19	6.5	29	--	113	0
03S/10E-29K01 M	08-11-64	370	--	54	--	23	12	27	--	143	0
03S/10E-29K01 M	08-08-66	370	19.0	--	--	30	--	25	--	131	0
03S/10E-32G01 M	08-12-49	260	--	31	--	31	10	18	--	122	0
03S/10E-32G01 M	08-08-66	260	21.0	--	--	26	8.5	29	2.4	134	0
03S/11E-34C01 M	08-29-56	--	26.0	70	--	139	49	375	25	85	0
03S/11E-34C02 M	08-29-56	--	31.0	57	--	803	105	2150	45	68	0
03S/13E-33B01 M	08-12-60	120	22.0	--	--	--	--	22	--	194	0
03S/13E-33B01 M	05-18-65	120	--	--	--	--	--	20	--	159	0
03S/14E-18R01 M	12-16-54	37	--	16	--	15	12	25	--	101	0
03S/14E-18R01 M	08-17-60	37	--	--	--	--	--	17	--	105	0
03S/14E-18R01 M	06-09-65	37	--	--	--	11	5.7	11	.9	53	0
03S/14E-18R01 M	08-19-66	37	19.0	--	--	14	--	20	--	93	0
04S/08E-02H01 M	01-17-49	88	--	210	--	37	18	115	--	247	0
04S/08E-02H01 M	09-15-60	88	--	45	--	55	15	90	--	320	0
04S/08E-02H01 M	08-10-66	88	18.0	--	--	51	--	88	--	223	25
04S/08E-03F01 M	05-27-48	98	--	52	--	7.7	4.4	37	--	101	0
04S/08E-03F01 M	09-15-60	98	--	46	--	40	10	77	--	235	0
04S/08E-03F01 M	08-10-66	98	18.0	--	--	45	--	75	--	214	9
04S/08E-03K01 M	07-18-50	95	--	36	--	36	9.4	57	--	207	0
04S/08E-03K01 M	10-13-58	95	--	50	--	21	24	91	--	296	0
04S/08E-03K01 M	08-11-64	95	--	41	--	50	12	83	--	308	0
04S/08E-03K01 M	08-10-66	95	18.0	--	--	52	--	88	--	272	19
04S/08E-04G01 M	08-12-53	175	--	41	--	75	28	146	--	238	0
04S/08E-04G01 M	07-05-56	175	--	52	--	81	26	186	--	180	0
04S/08E-04G01 M	07-11-57	175	--	50	--	48	22	136	--	250	0
04S/08E-04G01 M	10-13-58	175	--	56	--	45	22	140	--	262	0
04S/08E-04G01 M	08-10-66	175	18.0	--	--	56	--	106	--	215	15
04S/08E-04N01 M	06-24-54	95	--	39	--	59	16	104	--	296	0
04S/08E-04N01 M	07-05-56	95	--	40	--	58	21	108	--	317	0
04S/08E-04N01 M	08-10-66	95	18.0	--	--	37	14	108	4.3	256	0
04S/08E-05P01 M	04-05-34	95	--	23	--	42	16	85	--	204	0
04S/08E-05P01 M	09-13-48	95	--	48	--	57	18	109	--	265	0
04S/08E-05P01 M	07-27-55	95	--	42	--	59	18	91	--	261	0
04S/08E-05P01 M	07-05-56	95	--	40	--	61	19	92	--	270	0
04S/08E-05P01 M	09-17-57	95	18.0	61	--	29	16	90	4.2	178	9
04S/08E-05P01 M	08-10-59	95	19.0	50	--	63	11	88	3.5	268	0
04S/08E-05P01 M	08-04-60	95	19.0	37	--	32	17	88	3.5	205	0
04S/08E-05P01 M	07-28-61	95	20.0	50	--	59	14	88	3.1	277	0

Results in milligrams per liter--Continued											
Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B) (in micrograms per liter)	Dissolved solids: Sum of determined constituents	Dissolved solids: Residue on evaporation at 180°C	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Specific conductance (micromhos at 25°C)	pH
2.4	90	.0	.2	--	--	358	92	--	64	--	7.6
3.3	83	--	--	100	--	350	133	--	49	--	7.2
6.9	75	.1	15	--	--	380	110	--	58	--	8.1
--	80	--	18	--	--	--	134	--	61	654	8.5
10	18	--	--	50	--	188	62	--	50	--	7.6
--	22	--	--	--	--	--	119	--	41	288	8.5
2.5	11	--	--	40	--	160	78	--	10	--	7.8
4.5	14	--	--	100	--	170	86	--	29	--	7.6
--	11	--	--	--	--	--	136	--	30	311	8.2
2.1	9.3	.3	6.2	0	192	--	85	--	30	257	7.7
2.4	2.2	.0	.3	0	45	--	26	0	16	587	7.4
2.0	4.0	.0	.0	240	57	--	31	0	29	104	8.0
3.0	3.2	.2	7.7	0	65	--	36	3	16	77	7.7
--	.2	--	--	90	--	--	19	--	--	49	--
6.2	1.5	.1	1.8	0	42	36	21	1	14	49	7.0
12	11	--	--	50	--	226	126	--	29	--	7.5
--	11	--	--	--	--	--	144	--	33	352	8.6
102	138	--	--	200	--	492	203	--	48	--	8.0
31	76	--	--	100	--	318	151	--	38	--	7.7
1.2	53	--	--	50	--	244	123	--	32	--	7.3
--	48	--	--	--	--	--	148	--	37	396	8.5
2.9	567	--	--	50	--	1140	452	--	51	--	7.5
4.9	238	--	--	300	--	627	293	--	37	--	7.4
5.0	216	--	--	200	--	576	286	--	17	--	7.2
4.9	199	--	--	200	--	540	316	--	25	--	7.6
--	203	--	--	--	--	--	336	--	42	956	8.5
20	18	--	--	0	--	246	75	--	46	--	7.8
17	21	--	--	50	--	253	107	--	35	--	7.1
--	18	--	--	--	--	--	126	--	42	329	8.3
3.3	50	--	--	200	--	205	120	--	25	--	7.6
12	17	--	15	0	--	235	100	0	38	324	8.3
.0	972	.0	.5	590	1670	--	548	478	58	3120	7.2
9.6	5100	.0	1.0	2900	8310	--	2430	2370	65	14300	7.2
--	1.1	--	--	--	--	--	124	--	--	312	8.3
--	2.4	--	--	0	--	--	--	--	--	265	7.2
11	16	--	--	100	--	196	89	--	39	--	7.8
--	12	--	--	50	--	--	87	--	--	240	7.8
13	6.2	--	11	0	--	120	51	8	31	156	8.0
--	11	.1	--	--	--	--	73	--	55	238	8.2
165	31	--	--	100	--	802	169	--	60	--	7.8
7.4	89	--	--	200	--	479	479	--	50	--	7.4
--	75	--	--	--	--	--	194	--	60	736	8.7
4.1	21	--	--	50	--	186	38	--	68	--	8.0
16	71	--	--	200	--	404	142	--	54	--	7.4
--	64	--	--	--	--	--	170	--	59	663	8.5
4.5	55	--	--	70	--	316	128	--	49	--	7.2
21	60	--	--	50	--	424	152	--	57	--	7.9
15	60	--	--	50	--	439	174	--	51	--	7.6
--	53	--	--	--	--	--	181	--	60	701	8.7
26	248	--	--	50	--	725	301	--	51	--	7.8
9.5	358	--	--	50	--	912	310	--	57	--	7.6
6.2	209	--	--	50	--	656	212	--	58	--	7.6
14	195	--	--	100	--	631	204	--	60	--	7.8
--	156	--	--	--	--	--	228	--	62	926	8.6
13	131	--	--	50	--	558	217	--	52	--	8.3
16	135	--	--	50	--	566	233	--	50	--	7.4
14	103	--	33	200	--	507	153	0	60	829	8.3
4.3	129	--	--	--	--	427	--	--	52	--	--
6.6	163	--	--	80	--	565	218	--	52	--	7.7
8.2	140	--	--	50	--	499	223	--	47	--	7.7
16	136	--	--	50	--	514	232	--	46	--	7.4
7.4	123	.2	8.9	150	437	--	137	--	58	730	8.3
3.3	118	.2	10	250	477	--	203	0	48	830	7.1
8.0	119	.0	5.0	80	410	--	148	0	55	766	8.2
8.2	107	.3	11	230	477	--	206	0	48	809	7.8

State well number	Date of collection	Sampling depth (feet)	Water temperature (°C)	Results in milligrams per liter							
				Silica (SiO_2)	Iron (Fe) (in micrograms per liter)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)
04S/08E-05P01 M	07-18-62	95	19.0	53	--	47	11	105	3.7	238	0
04S/08E-05P01 M	05-27-63	95	17.0	40	--	34	17	93	3.5	216	0
04S/08E-05P01 M	05-20-65	95	18.0	--	--	--	--	98	--	292	0
04S/08E-05P01 M	08-10-66	95	18.0	--	--	56	--	94	--	235	19
04S/08E-06K01 M	06-20-52	72	--	33	--	53	19	114	--	366	0
04S/08E-06K01 M	07-05-56	72	--	40	--	59	21	114	--	378	0
04S/08E-06K01 M	08-10-57	72	20.0	54	--	50	18	121	3.6	375	0
04S/08E-06K01 M	09-17-57	72	18.0	63	--	29	17	123	3.9	302	10
04S/08E-06K01 M	03-04-60	72	18.0	34	--	28	18	117	3.9	307	0
04S/08E-06K01 M	09-26-62	72	--	46	--	58	19	108	--	375	0
04S/08E-06K01 M	05-20-65	72	--	--	--	--	--	130	--	402	0
04S/08E-06K01 M	08-10-66	72	--	--	--	56	--	114	--	289	35
04S/08E-24A01 M	08-04-58	258	20.0	40	--	26	28	81	3.1	188	0
04S/08E-24A01 M	08-19-59	258	19.0	52	--	43	15	74	3.7	191	0
04S/08E-24A01 M	08-08-60	258	19.0	36	--	42	15	70	3.0	184	0
04S/08E-24A01 M	08-18-61	258	19.0	51	--	44	15	68	2.6	181	5
04S/08E-24A01 M	08-16-62	258	19.0	--	--	--	--	46	2.4	--	--
04S/08E-24A01 M	09-18-63	258	19.0	--	--	54	16	71	3.2	191	0
04S/08E-27M01 M	02-18-44	(M)	--	--	--	114	28	370	--	364	0
04S/08E-27M01 M	07-18-44	(M)	--	--	--	116	26	392	--	345	0
04S/08E-27M01 M	08-08-45	(M)	--	--	--	86	20	302	--	235	0
04S/08E-27M01 M	08-13-46	(M)	--	--	--	91	19	346	--	209	0
04S/08E-27M01 M	09-01-48	(M)	--	25	--	83	20	233	--	220	0
04S/08E-27M01 M	08-26-49	(M)	--	40	--	79	21	276	--	250	0
04S/08E-27M01 M	08-26-50	(M)	--	30	--	77	21	240	--	253	0
04S/08E-27M01 M	09-11-50	(M)	--	30	--	77	21	240	--	253	0
04S/08E-27M01 M	08-18-51	(M)	--	36	--	54	11	282	--	259	0
04S/08E-27M01 M	08-07-57	(M)	--	32	--	74	20	238	--	274	0
04S/08E-27M01 M	08-21-58	(M)	19.0	27	--	52	11	119	3.1	277	0
04S/08E-27M01 M	08-10-60	(M)	19.0	30	--	57	17	228	4.0	224	0
04S/08E-27M01 M	08-18-61	(M)	18.0	44	--	41	16	220	4.1	183	0
04S/08E-27M01 M	08-27-62	(M)	19.0	--	--	--	--	218	4.3	--	--
04S/08E-27M01 M	09-18-63	(M)	19.0	31	--	63	16	250	3.5	240	0
04S/09E-03B01 M	06-17-66	59	19.0	--	--	31	11	42	2.7	168	0
04S/09E-03D01 M	06-17-66	108	19.0	--	--	45	8.0	52	4.0	163	6
04S/09E-03D01 M	02-27-69	108	--	--	--	45	13	36	--	229	0
04S/09E-05H01 M	05-19-65	144	--	--	--	42	13	67	4.4	183	0
04S/09E-05H01 M	06-17-66	144	21.0	--	--	51	--	53	--	196	5
04S/09E-05J01 M	05-19-65	123	--	--	--	34	12	41	4.4	182	0
04S/09E-05J01 M	06-16-66	123	20.0	--	--	28	11	43	2.2	170	6
04S/09E-05P01 M	06-16-66	195	--	--	--	84	25	89	7.0	131	0
04S/09E-06R01 M	04-19-56	103	--	57	--	48	15	69	--	162	0
04S/09E-06R01 M	01-20-59	103	--	--	--	44	12	74	5.5	171	0
04S/09E-06R01 M	06-10-66	103	20.0	--	--	48	14	81	5.5	249	0
04S/09E-08A01 M	12-20-63	136	--	--	50	43	16	43	2.8	178	0
04S/09E-08A01 M	10-26-66	136	19.0	--	--	47	16	41	1.7	192	13
04S/09E-08G01 M	05-07-53	143	--	--	0	28	10	49	--	155	0
04S/09E-08G01 M	10-25-66	--	19.0	--	--	34	18	52	2.2	190	4
04S/09E-08K01 M	05-07-53	92	--	--	0	34	12	36	--	154	0
04S/09E-08K01 M	10-26-66	--	19.0	--	--	35	13	28	1.4	173	5
04S/09E-09B01 M	05-07-53	144	--	--	0	16	5.4	34	--	102	0
04S/09E-09B01 M	10-25-66	--	19.0	--	--	14	5.1	24	.8	95	0
04S/09E-09B02 M	05-07-53	128	--	--	0	27	9.9	27	--	131	0
04S/09E-09B02 M	10-25-66	--	19.0	--	--	10	17	32	1.8	136	4
04S/09E-09D01 M	12-20-63	127	--	--	50	25	9.4	56	2.4	167	0
04S/09E-09D01 M	10-25-66	127	19.0	--	--	27	8.1	48	1.5	177	7
04S/09E-09K01 M	06-10-59	130	--	44	--	9.2	8.7	44	--	137	0
04S/09E-09K01 M	06-17-66	130	20.0	--	--	19	6.2	31	1.5	113	0
04S/09E-09Q01 M	06-08-59	(M)	--	58	--	14	13	52	--	152	0
04S/09E-09Q01 M	06-16-66	(M)	20.0	--	--	25	9.8	38	2.6	150	0
04S/09E-09Q01 M	05-02-67	(M)	20.0	--	--	25	9.6	38	--	124	9
04S/09E-22C01 M	07-23-43	172	--	--	--	33	12	49	--	177	0
04S/09E-22C01 M	07-21-44	172	--	--	--	30	13	49	--	183	0
04S/09E-22C01 M	08-08-45	172	--	--	--	34	12	59	--	195	0
04S/09E-22C01 M	08-13-46	172	--	--	--	34	10	48	--	195	0

Results in milligrams per liter--Continued											
Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B) (in micrograms per liter)	Dissolved solids: Sum of determined constituents	Dissolved solids: Residue on evaporation at 180°C	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Specific conductance (micromhos at 25°C)	pH
30	111	.1	12	240	490	428	161	0	58	774	8.2
12	108	.1	12	500	426	414	152	0	56	700	8.1
--	108	--	--	100	--	--	--	--	--	846	8.3
--	114	--	--	--	--	--	238	--	59	822	8.6
14	103	--	--	--	--	535	213	--	54	--	7.7
21	106	--	--	50	--	562	234	--	51	--	7.4
15	93	.3	12	380	551	--	200	0	56	906	7.6
15	94	.3	11	270	514	--	141	--	64	829	8.4
14	90	.0	9.0	280	465	--	144	0	63	827	8.0
6.6	103	--	--	100	--	567	225	--	51	--	7.2
--	92	--	--	200	--	--	--	--	--	976	8.1
--	99	--	--	--	--	--	233	--	64	929	8.7
7.0	125	.2	13	300	--	494	181	--	49	741	8.0
11	104	.1	12	100	409	--	168	11	48	667	8.2
10	108	.0	10	150	386	--	167	16	47	696	7.2
12	93	.1	18	100	398	--	170	13	46	649	8.4
--	28	--	--	170	--	--	130	--	--	470	--
14	114	--	24	50	--	433	201	44	43	753	8.0
140	537	--	--	150	--	1440	400	--	67	--	7.4
156	567	--	--	150	--	1490	396	--	68	--	7.5
110	457	--	--	250	--	1130	--	--	69	--	--
132	532	--	--	380	--	1260	308	--	71	--	8.0
122	532	--	--	450	--	1130	290	--	64	--	7.8
86	418	--	--	200	--	1060	284	--	68	--	8.0
81	362	--	--	150	--	951	281	16	65	--	8.0
81	362	--	--	150	--	951	281	--	65	--	8.0
64	330	--	--	50	--	962	183	--	77	--	6.8
70	308	--	--	150	--	915	265	--	66	--	8.0
27	124	.0	4.0	0	--	624	175	--	59	902	8.2
76	322	.0	3.0	240	849	--	215	32	70	1570	7.4
73	305	.1	4.7	300	798	--	168	18	73	1410	8.2
--	414	--	--	350	--	--	193	--	--	1470	--
82	337	.1	2.6	400	904	882	222	25	71	1440	8.0
10	43	1.0	9.7	100	--	270	124	0	42	432	8.1
5.6	72	1.0	12	0	--	327	145	2	43	547	8.4
25	11	--	20	50	--	309	168	--	32	--	7.7
5.1	100	.1	14	0	--	386	160	10	47	667	8.0
--	50	--	12	--	--	--	132	--	48	557	8.5
11	36	.2	21	0	--	290	135	0	39	483	8.1
13	22	1.0	12	100	--	270	114	0	44	416	8.4
1.2	284	1.0	.9	200	--	799	313	206	38	1150	8.3
2.9	138	--	--	100	--	453	182	--	45	--	7.5
6.9	120	.0	3.8	--	--	432	161	--	49	--	8.0
9.2	92	--	10	200	--	417	178	0	49	702	8.3
21	28	.2	46	--	--	282	174	--	35	--	7.8
22	30	--	37	0	--	329	183	4	32	559	8.6
12	27	.0	18	--	--	--	113	--	49	--	8.0
27	36	--	43	100	--	342	159	0	41	591	8.4
20	16	.0	18	--	--	--	134	--	37	--	8.2
27	12	--	17	0	--	262	141	0	30	423	8.5
9.6	9.8	.0	12	--	--	--	62	--	54	--	7.8
9.2	10	--	14	100	--	164	56	0	48	233	8.3
9.6	7.0	.0	19	--	--	--	108	--	35	--	7.8
10	20	--	17	0	--	232	94	0	42	358	8.5
22	13	.2	25	--	--	282	100	--	54	--	8.2
18	13	--	23	100	--	278	101	0	50	432	8.6
21	14	--	--	100	--	228	59	--	62	--	7.8
15	9.6	--	21	0	--	209	73	0	47	278	8.0
6.2	50	--	--	100	--	290	90	--	56	--	7.8
17	18	1.0	24	0	--	251	103	0	44	382	8.2
--	20	--	21	--	--	--	102	--	45	386	8.4
30	43	--	--	100	--	268	131	--	45	--	8.0
23	43	--	--	20	--	305	128	--	45	--	7.7
2.1	39	--	--	50	--	371	132	--	49	--	7.4
16	39	--	--	50	--	326	129	--	45	--	7.8

State well number	Date of collection	Sampling depth (feet)	Water temperature (°C)	Results in milligrams per liter							
				Silica (SiO_2)	Iron (Fe) (in micrograms per liter)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)
04S/09E-22C01 M	09-01-47	172	--	32	--	34	14	40	--	201	0
04S/09E-22C01 M	09-01-48	172	--	40	--	40	15	35	--	198	0
04S/09E-22C01 M	08-26-49	172	--	43	--	35	15	49	--	214	0
04S/09E-22C01 M	09-01-50	172	--	48	--	41	14	41	--	215	0
04S/09E-22C01 M	08-18-51	172	--	42	--	41	14	52	--	229	0
04S/09E-22C01 M	08-16-60	172	--	46	--	44	16	42	--	238	0
04S/09E-22C01 M	09-20-61	172	--	42	--	50	30	15	--	244	0
04S/09E-22C01 M	08-16-62	172	--	43	--	51	15	41	--	241	0
04S/09E-22C01 M	09-18-63	172	--	40	--	42	21	37	--	238	0
04S/09E-22C01 M	06-30-64	172	--	--	--	--	--	--	--	--	--
04S/09E-22C01 M	09-01-64	172	18.0	49	--	42	18	36	--	232	0
04S/09E-22C01 M	08-19-65	172	--	--	--	--	--	--	--	235	0
04S/09E-22C01 M	09-09-65	172	18.0	--	--	46	19	39	--	247	0
04S/09E-22C01 M	10-07-66	172	19.0	--	--	48	19	49	--	256	0
04S/09E-22C01 M	11-28-67	172	19.0	--	--	54	20	55	--	296	0
04S/09E-22C01 M	12-19-68	172	13.0	--	--	52	24	46	--	287	0
04S/09E-22C01 M	12-16-69	172	18.0	--	--	36	15	37	--	210	0
04S/10E-10F01 M	07-15-66	385	21.0	--	--	18	11	48	3.6	160	0
04S/10E-10F01 M	12-24-69	385	--	--	--	--	--	--	--	--	--
04S/10E-25F01 M	07-12-66	138	--	--	--	30	11	29	2.5	152	0
04S/11E-08A01 M	- -	540	--	21	--	23	4.8	13	--	92	0
04S/12E-03D01 M	- -	190	--	--	--	--	--	31	--	140	0
04S/13E-34P01 M	06-27-65	--	--	--	--	33	21	52	2.4	269	8
05S/08E-01R01 M	09-01-50	(M)	--	36	--	68	18	184	--	166	0
05S/08E-01R01 M	08-16-51	(M)	--	56	--	70	14	179	--	186	0
05S/08E-01R01 M	08-07-57	(M)	--	40	--	41	14	130	--	217	0
05S/08E-01R01 M	08-22-57	(M)	20.0	49	--	45	11	135	4.7	211	6
05S/08E-01R01 M	08-23-60	(M)	--	46	--	46	12	121	--	220	0
05S/08E-01R01 M	09-20-61	(M)	--	35	--	66	8.4	87	--	281	0
05S/08E-01R01 M	08-28-62	(M)	17.0	44	--	46	9.6	132	--	223	0
05S/08E-01R01 M	09-20-63	(M)	19.0	40	--	42	16	112	--	250	0
05S/08E-01R01 M	09-01-64	(M)	19.0	38	--	42	10	117	--	247	0
05S/08E-01R01 M	08-26-65	(M)	18.0	--	--	48	9.8	116	--	262	0
05S/08E-01R01 M	10-06-66	(M)	19.0	--	--	44	15	116	--	262	0
05S/08E-01R01 M	11-27-67	(M)	17.0	--	--	53	14	79	--	296	0
05S/08E-01R01 M	12-19-68	(M)	18.0	--	--	50	12	69	--	281	0
05S/08E-01R01 M	12-15-69	(M)	19.0	--	--	50	18	122	--	281	0
05S/09E-04A01 M	06-03-61	200	--	52	--	45	12	40	2.4	207	0
05S/09E-09A01 M	08-22-57	65	--	61	--	42	14	55	2.7	269	7
05S/09E-09A01 M	08-18-58	65	19.0	57	--	48	15	58	1.9	295	0
05S/09E-09A01 M	09-08-59	65	--	58	--	41	14	53	1.8	286	0
05S/09E-09A01 M	08-10-60	65	20.0	42	--	50	13	53	2.0	297	0
05S/09E-09A01 M	08-21-61	65	18.0	57	--	37	15	53	1.3	257	0
05S/09E-09A01 M	08-28-62	65	18.0	--	--	--	--	55	1.7	--	--
05S/09E-09A01 M	09-20-63	65	18.0	--	--	--	--	51	--	--	--
05S/09E-09A01 M	06-21-65	65	19.0	--	--	44	15	53	--	284	2
05S/09E-13G01 M	08-22-57	69	24.0	61	--	48	17	51	3.9	281	8
05S/09E-16H01 M	07-11-66	129	19.0	--	--	60	--	67	--	328	0
05S/09E-17Q01 M	07-11-66	260	19.0	--	--	63	--	167	--	340	0
05S/09E-18D01 M	07-11-66	45	--	--	--	99	19	228	6.1	518	0
05S/09E-24J01 M	07-11-66	64	18.0	--	--	44	--	103	--	355	0
05S/09E-28E01 M	06-24-66	35	--	--	--	31	7.4	477	3.0	1040	11
05S/09E-33R02 M	07-23-43	95	--	--	--	93	17	191	--	213	0
05S/09E-33R02 M	07-19-44	95	--	--	--	93	18	198	--	223	0
05S/09E-33R02 M	08-09-45	95	--	--	--	93	20	195	--	223	0
05S/09E-33R02 M	08-13-46	95	--	--	--	92	26	431	--	561	0
05S/09E-33R02 M	08-31-47	95	--	39	--	128	29	357	--	332	0
05S/09E-33R02 M	09-01-48	95	--	41	--	48	12	465	--	302	0
05S/09E-33R02 M	08-26-49	95	--	61	--	191	34	456	--	204	0
05S/09E-33R02 M	09-11-50	95	--	51	--	177	31	433	--	201	0
05S/09E-33R02 M	08-18-51	95	--	55	--	176	29	427	--	189	0
05S/09E-35R01 M	07-23-43	(M)	--	--	--	101	22	209	--	268	0
05S/09E-35R01 M	07-19-44	(M)	--	--	--	99	18	228	--	293	0
05S/09E-35R01 M	08-09-45	(M)	--	--	--	90	18	196	--	290	0
05S/09E-35R01 M	08-13-46	(M)	--	--	--	87	16	211	--	302	0

Results in milligrams per liter--Continued											
Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B) (in micrograms per liter)	Dissolved solids: Sum of determined constituents	Dissolved solids: Residue on evaporation at 180°C	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Specific conductance (micromhos at 25°C)	pH
9.1	39	--	--	60	284	--	144	--	38	--	7.2
19	39	--	--	20	300	--	163	--	32	--	7.6
27	37	--	--	100	320	--	150	--	42	--	7.8
21	37	--	--	150	334	--	162	--	36	--	7.7
30	39	--	--	50	375	--	162	--	41	--	7.6
16	39	--	--	50	--	367	177	--	34	--	7.2
18	46	--	--	10	--	366	252	--	12	--	8.2
26	39	--	--	100	--	348	192	--	32	--	7.2
21	39	--	--	100	--	404	193	--	30	--	7.7
--	--	--	11	--	--	--	--	--	--	--	--
17	36	--	--	100	--	398	182	--	30	--	7.2
--	--	--	--	--	--	--	184	--	--	580	7.5
23	36	--	--	50	--	366	193	--	31	--	7.2
27	46	--	--	50	--	384	199	--	35	--	7.7
8.2	60	--	--	100	--	450	218	--	36	--	7.4
19	53	--	--	50	--	411	231	--	30	--	8.0
9.5	21	--	--	50	--	288	154	--	35	--	7.6
5.4	21	.4	19	0	--	252	75	0	52	346	8.2
--	--	--	15	--	--	--	--	--	--	--	7.5
10	16	--	28	0	--	253	119	0	34	368	7.9
18	11	--	--	50	--	77	45	--	27	--	7.6
6.2	20	--	--	40	--	--	83	--	--	--	7.8
19	11	--	16	0	--	321	169	0	40	536	8.5
56	319	--	--	150	--	836	244	14	62	--	8.1
47	298	--	--	60	--	--	--	--	63	--	7.9
17	174	--	--	100	--	576	158	--	64	--	7.9
27	169	.3	7.8	140	559	--	156	--	64	945	8.4
24	160	--	--	150	--	551	167	--	62	--	7.6
21	78	--	--	100	--	468	201	--	49	--	7.8
32	160	--	--	100	--	570	156	--	65	--	7.5
17	135	--	--	150	--	555	170	--	59	--	7.8
19	128	--	--	100	--	532	149	--	64	--	7.6
27	121	--	--	100	--	496	162	--	61	--	7.4
28	124	--	--	200	--	512	170	--	60	--	8.0
26	64	--	--	50	--	509	190	--	48	--	7.4
19	60	--	--	30	--	447	176	--	46	--	8.1
51	128	--	--	200	--	574	200	--	57	--	7.5
20	32	.2	24	70	330	--	162	0	35	494	7.8
10	25	.2	8.6	20	357	--	164	--	42	532	8.3
10	31	.0	10	0	--	414	182	--	41	555	7.7
10	23	.2	5.5	0	348	--	161	29	42	516	8.0
11	25	.1	8.0	330	352	--	179	0	39	583	7.2
11	25	.2	10	100	337	--	153	0	43	495	8.2
--	25	--	--	140	--	--	173	--	--	549	--
--	24	--	--	200	--	--	162	--	--	550	--
--	25	--	12	--	--	--	174	--	40	570	8.4
10	26	.2	11	20	374	--	190	--	36	562	8.4
--	25	--	24	--	--	--	202	--	49	653	8.0
--	189	--	7.8	--	--	--	203	--	70	1170	8.1
35	248	--	19	300	--	932	327	0	60	1610	8.3
--	24	--	39	--	--	--	162	--	67	728	8.2
47	164	--	.7	600	--	1280	108	0	90	2080	8.4
19	370	--	--	100	--	845	303	--	58	--	8.1
10	386	--	--	40	--	944	309	--	58	--	7.6
2.1	385	--	--	240	--	880	315	--	57	--	7.8
29	557	--	--	350	--	1460	339	--	74	--	7.8
21	652	--	--	140	--	1480	442	--	64	--	7.6
29	638	--	--	120	--	1420	169	--	86	--	7.8
57	978	--	--	100	--	1940	630	--	62	--	7.8
59	911	--	--	250	--	1850	573	--	62	--	7.5
58	900	--	--	70	--	1830	559	--	62	--	7.6
28	376	--	--	--	--	954	343	--	57	--	8.3
14	397	--	--	50	--	954	321	--	61	--	7.7
1.6	344	--	--	210	--	892	300	--	59	--	7.6
12	340	--	--	120	--	881	284	--	62	--	7.8

State well number	Date of collection	Sampling depth (feet)	Water temperature (°C)	Results in milligrams per liter							
				Silica (SiO_2)	Iron (Fe) (in micrograms per liter)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)
05S/09E-35R01 M	08-31-47	(M)	--	43	--	83	17	197	--	299	0
05S/09E-35R01 M	09-01-48	(M)	--	50	--	120	18	141	--	271	0
05S/09E-35R01 M	08-26-49	(M)	--	47	--	82	17	188	--	302	0
05S/09E-35R01 M	09-11-50	(M)	--	49	--	81	17	180	--	316	0
05S/09E-35R01 M	08-18-51	(M)	--	40	--	80	12	189	--	311	0
05S/09E-35R01 M	08-16-60	(M)	--	44	--	66	13	166	--	375	0
05S/09E-35R01 M	09- -61	(M)	--	42	--	64	18	160	--	387	0
05S/09E-35R01 M	08-22-62	(M)	19.0	62	--	69	14	162	--	384	0
05S/09E-35R01 M	09-23-63	(M)	19.0	49	--	66	20	149	--	381	0
05S/09E-35R01 M	09-04-64	(M)	19.0	38	--	66	18	141	--	372	0
05S/09E-35R01 M	08-26-65	(M)	17.0	--	--	69	20	132	--	366	0
05S/09E-35R01 M	10-07-66	(M)	18.0	--	--	70	19	137	--	369	0
05S/09E-35R01 M	11-28-67	(M)	19.0	--	--	51	18	169	--	445	0
05S/09E-35R01 M	12-20-68	(M)	18.0	--	--	50	19	174	--	467	0
05S/09E-35R01 M	12-16-69	(M)	18.0	--	--	65	20	140	--	369	0
05S/10E-05D01 M	02-26-34	46	--	56	--	25	13	29	--	176	1
05S/10E-05D01 M	03-03-34	46	--	46	--	34	15	31	--	214	2
05S/10E-05D01 M	07-12-66	46	19.0	--	--	48	--	40	--	242	0
05S/10E-14E01 M	05-28-58	433	--	--	60	22	6.4	26	1.8	--	--
05S/10E-14E01 M	05-14-59	433	--	73	--	19	6.7	25	--	116	0
05S/10E-14E01 M	11-30-65	433	--	--	--	40	24	--	--	--	--
05S/10E-14E01 M	11-16-66	433	--	--	--	41	21	--	--	--	--
05S/10E-14E01 M	03-16-70	433	--	--	--	--	--	--	--	--	--
05S/10E-22G01 M	04-04-52	420	--	--	--	40	10	59	--	112	0
05S/10E-22G01 M	12- -55	420	--	--	--	35	9.5	43	6.2	117	0
05S/10E-22G01 M	03-14-56	420	--	--	0	35	9.5	43	6.2	96	0
05S/10E-22G01 M	07-07-60	420	22.0	--	--	--	--	--	--	121	--
05S/10E-22G01 M	11-30-65	420	--	--	--	--	--	--	--	--	--
05S/10E-35D01 M	07-26-43	(M)	--	--	--	34	20	47	--	247	0
05S/10E-35D01 M	07-21-44	(M)	--	--	--	36	13	54	--	268	0
05S/10E-35D01 M	08-08-45	(M)	--	--	--	32	8.7	29	--	189	0
05S/10E-35D01 M	08-13-46	(M)	--	--	--	28	9.9	38	--	186	0
05S/10E-35D01 M	08-31-47	(M)	--	40	--	27	12	35	--	195	0
05S/10E-35D01 M	09-01-48	(M)	--	36	--	29	12	34	--	186	0
05S/10E-35D01 M	08-26-49	(M)	--	41	--	29	11	46	--	198	0
05S/10E-35D01 M	09-11-50	(M)	--	42	--	30	12	38	--	198	0
05S/10E-35D01 M	09-12-51	(M)	--	36	--	26	10	41	--	195	0
05S/11E-07P01 M	08-26-58	288	--	49	--	49	16	32	1.5	233	0
05S/11E-07P01 M	10-09-59	288	18.0	65	--	45	16	27	1.5	219	0
05S/11E-07P01 M	08-10-60	288	19.0	53	--	43	20	29	2.0	232	0
05S/11E-07P01 M	08-17-61	288	18.0	70	--	53	16	32	1.4	234	0
05S/11E-07P01 M	08-20-62	288	19.0	--	--	--	--	33	1.9	--	--
05S/11E-07P01 M	09-16-63	288	18.0	--	--	--	--	30	--	--	--
05S/11E-07P01 M	06-22-65	288	19.0	--	--	50	18	34	--	225	6
05S/11E-23R01 M	08-24-70	250	--	--	--	--	--	29	--	104	0
05S/11E-29F01 M	05-24-66	(M)	19.0	--	--	28	--	--	--	119	0
05S/11E-30K01 M	06-22-65	(M)	19.0	--	--	30	13	30	2.1	178	4
05S/12E-06D01 M	09-15-57	480	--	65	--	13	3.8	19	2.8	88	0
05S/12E-06D01 M	- -58	480	--	67	--	14	5.0	17	2.8	81	0
05S/12E-06D01 M	10- -59	480	--	66	--	12	3.9	18	2.9	82	0
05S/12E-06D01 M	09- -60	480	--	36	--	18	6.0	26	2.0	103	0
05S/12E-06D01 M	08-03-61	480	--	54	--	20	6.6	24	1.4	105	0
05S/12E-06D01 M	08-22-62	480	21.0	--	--	--	--	20	3.1	--	--
05S/12E-06D01 M	06-28-63	480	22.0	--	--	--	--	20	--	--	--
05S/12E-31G01 M	09-19-57	140	21.0	33	--	16	1.9	16	2.5	79	0
05S/12E-31G01 M	06-12-59	140	21.0	37	--	19	.1	18	1.9	84	0
05S/12E-31G01 M	06-22-65	140	22.0	--	--	19	--	19	--	91	0
05S/12E-32Q01 M	08-31-60	555	22.0	36	--	13	1.0	15	2.0	68	0
05S/12E-32Q01 M	07-10-62	555	22.0	--	--	--	--	15	3.8	--	--
05S/12E-32Q01 M	07-18-63	555	23.0	--	--	--	--	15	--	--	--
05S/13E-15L01 M	08-12-60	--	21.0	--	--	--	--	5.2	--	46	0
05S/13E-15L01 M	06-22-65	--	22.0	--	--	8.2	2.8	6.4	1.9	46	0
05S/13E-16K01 M	07-10-59	--	22.0	--	--	--	--	--	--	52	0
05S/13E-16K01 M	07-14-65	--	--	--	--	13	3.5	8.2	2.1	69	0
05S/13E-34G01 M	08-12-60	--	23.0	--	--	--	--	9.4	--	93	0

Results in milligrams per liter--Continued											
Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B) (in micrograms per liter)	Dissolved solids: Sum of determined constituents	Dissolved solids: Residue on evaporation at 180°C	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Specific conductance (micromhos at 25°C)	pH
9.9	319	--	--	120	--	900	278	--	61	--	7.6
18	312	--	--	150	--	876	377	--	45	--	7.8
25	291	--	--	50	--	811	275	--	60	--	7.8
17	275	--	--	200	--	796	276	--	59	--	7.6
11	276	--	--	50	--	780	250	--	62	--	7.7
21	177	--	--	100	--	703	219	--	62	--	7.4
22	170	--	--	50	--	678	235	--	60	--	8.0
28	170	--	--	150	--	700	234	--	61	--	7.5
15	170	--	--	100	--	732	245	--	57	--	7.7
22	152	--	--	100	--	672	238	--	56	--	7.4
23	156	--	--	50	--	677	259	--	53	--	7.3
25	156	--	--	100	--	670	254	--	54	--	7.8
40	114	--	--	100	--	716	202	--	65	--	7.5
37	114	--	--	100	--	721	204	--	65	--	8.2
15	163	--	--	70	--	676	246	--	55	--	7.7
6.0	19	--	--	--	--	212	115	--	35	--	--
8.0	20	--	--	--	--	270	147	--	32	--	--
--	20	--	28	--	--	--	186	--	42	527	8.0
6.6	7.0	.2	--	--	--	211	80	--	40	--	8.1
6.7	15	--	7.9	--	211	211	76	--	42	234	8.0
--	13	--	--	--	--	--	--	--	--	232	7.7
--	11	--	--	--	--	--	--	--	--	206	8.0
--	--	--	2.6	--	--	--	--	--	--	--	--
3.6	121	.1	3.6	--	--	349	141	--	48	--	8.1
12	91	.0	.4	--	315	--	127	--	41	--	7.8
12	91	.0	.4	--	--	305	127	--	41	--	7.8
3.0	94	--	4.5	--	--	--	131	--	--	527	--
--	67	--	--	--	--	--	--	--	--	789	7.7
21	32	--	--	--	--	290	169	--	38	--	8.3
2.0	28	--	--	20	--	315	144	--	45	--	7.6
2.9	14	--	--	20	--	286	116	--	35	--	7.8
6.2	25	--	--	20	--	248	111	--	43	--	8.0
3.3	21	--	--	60	--	240	119	--	39	--	7.7
5.3	25	--	--	20	--	240	120	--	38	--	7.8
24	21	--	--	70	--	278	119	--	46	--	7.8
12	23	--	--	50	--	268	125	--	40	--	7.6
11	18	--	--	40	--	250	108	--	46	--	7.7
20	16	.0	35	120	--	388	189	--	27	515	8.3
21	13	.2	32	0	329	--	179	0	25	464	7.3
19	16	.0	26	0	324	--	191	1	25	507	7.8
24	13	.2	42	100	367	--	198	6	26	505	8.2
--	12	--	--	120	--	--	175	--	--	494	--
--	14	--	--	200	--	--	205	--	--	532	--
--	14	--	48	--	--	--	202	8	27	534	8.4
62	11	--	--	--	--	--	102	17	--	--	7.7
--	9.4	--	32	--	--	--	93	--	--	332	8.1
12	6.6	--	26	0	--	273	128	0	33	389	8.5
3.0	6.9	.3	8.6	20	165	--	48	--	44	191	8.2
1.0	13	.4	10	80	--	148	56	--	38	220	7.7
4.0	6.5	.4	6.8	0	160	--	46	0	44	179	7.9
2.0	18	.1	18	330	177	--	69	0	44	296	8.0
3.0	16	.2	16	200	193	--	77	0	40	261	8.1
--	7.7	--	--	80	--	--	50	--	--	192	--
--	9.6	--	--	100	--	--	59	--	--	216	--
3.1	6.7	.3	8.8	0	127	--	48	--	41	170	7.9
2.6	4.7	.2	11	110	136	--	48	0	44	186	7.8
--	5.6	--	12	--	--	--	59	--	47	200	8.2
.0	10	.0	4.0	0	115	--	39	0	45	165	7.8
--	8.7	--	--	190	--	--	39	--	--	157	--
--	8.7	--	--	100	--	--	38	--	--	156	--
--	1.8	--	--	--	--	--	32	--	--	98	7.8
1.6	1.9	--	5.8	0	--	78	32	0	29	98	8.1
--	2.1	--	--	--	--	--	34	--	--	109	7.9
1.5	2.1	--	4.0	0	--	102	47	0	26	131	8.0
--	2.4	--	--	100	--	--	77	--	--	190	7.9

State well number	Date of collection	Sampling depth (feet)	Water temperature (°C)	Results in milligrams per liter							
				Silica (SiO_2)	Iron (Fe) (in micrograms per liter)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)
05S/13E-36F01 M	07-21-59	--	--	--	--	--	--	--	--	96	0
05S/13E-36F01 M	07-14-65	--	--	--	--	26	8.3	21	1.9	111	0
05S/14E-03P01 M	08-12-60	15	--	--	--	--	--	2.4	--	46	0
05S/14E-03P01 M	07-10-62	15	--	21	--	12	3.2	3.0	.5	51	0
05S/14E-03P01 M	07-18-63	15	--	13	--	13	8.3	3.9	.5	69	0
05S/14E-03P01 M	06-22-65	15	--	--	--	16	5.6	5.0	1.0	81	0
06S/09E-09J01 M	06- -56	--	--	--	--	--	--	500	1.2	283	0
06S/09E-12B01 M	09-11-50	(M)	--	41	--	103	24	251	--	259	0
06S/09E-12B01 M	09-12-51	(M)	--	34	--	100	18	242	--	262	0
06S/09E-12B01 M	08-09-57	(M)	--	38	--	86	17	237	--	293	0
06S/09E-12B01 M	08-23-60	(M)	--	54	--	85	21	224	--	308	0
06S/09E-12B01 M	09-20-61	(M)	--	24	--	80	22	250	--	274	0
06S/09E-12B01 M	08-15-62	(M)	19.0	49	--	94	18	218	--	308	0
06S/09E-12B01 M	09-23-63	(M)	19.0	50	--	77	22	222	--	320	0
06S/09E-12B01 M	09-04-64	(M)	19.0	46	--	88	19	219	--	320	0
06S/09E-12B01 M	08-26-65	(M)	17.0	--	--	90	22	218	--	336	0
06S/09E-12B01 M	10-07-66	(M)	18.0	--	--	88	22	211	--	326	0
06S/09E-12B01 M	11-28-67	(M)	19.0	--	--	104	21	256	--	290	0
06S/09E-12B01 M	12-20-68	(M)	18.0	--	--	55	13	150	--	326	0
06S/09E-12B01 M	12-16-69	(M)	18.5	--	--	85	26	225	--	314	0
06S/09E-13H01 M	08-14-56	108	--	40	--	59	16	212	2.7	237	0
06S/09E-22L01 M	07- -56	360	--	--	--	31	37	--	2.2	302	0
06S/09E-22L01 M	07-14-66	360	21.0	--	--	54	22	246	4.7	212	0
06S/10E-09B01 M	08-22-57	(M)	18.0	60	--	47	14	70	3.9	292	0
06S/10E-09B01 M	08-28-58	(M)	17.0	62	--	47	13	86	2.4	281	0
06S/10E-09B01 M	08-11-60	(M)	18.0	44	--	42	16	76	3.0	287	0
06S/10E-09B01 M	08-15-61	(M)	18.0	58	--	28	13	78	2.5	235	4
06S/10E-09B01 M	08-22-62	(M)	19.0	--	--	--	--	79	3.7	--	--
06S/10E-09B01 M	09-16-63	(M)	18.0	--	--	--	--	71	--	--	--
06S/10E-09B01 M	06-24-65	(M)	18.0	--	--	53	--	79	--	312	6
06S/10E-09B01 M	05-24-66	(M)	--	--	--	84	--	--	--	343	19
06S/10E-24L01 M	08-15-56	(M)	21.0	40	--	40	13	164	2.6	149	0
06S/10E-24L01 M	08-28-58	(M)	--	27	--	33	10	125	3.5	152	0
06S/10E-24L01 M	10-09-59	(M)	19.0	37	--	25	6.0	61	2.6	185	0
06S/10E-24L01 M	08-12-60	(M)	19.0	29	--	25	7.0	56	2.0	193	0
06S/10E-24L01 M	08-15-61	(M)	18.0	41	--	25	6.4	58	2.2	181	5
06S/10E-24L01 M	08-22-62	(M)	19.0	--	--	--	--	57	2.2	--	--
06S/10E-24L01 M	09-16-63	(M)	18.0	--	--	--	--	51	--	--	--
06S/10E-24L01 M	06-24-65	(M)	--	--	--	25	7.2	53	2.4	159	8
06S/10E-24L01 M	05-25-66	(M)	--	--	--	31	--	--	--	143	12
06S/10E-28K01 M	08-22-57	166	18.0	43	--	40	9.7	140	4.1	278	0
06S/10E-28K01 M	08-28-58	166	18.0	34	--	38	10	138	2.8	329	0
06S/10E-28K01 M	10-02-59	166	19.0	37	--	33	11	100	2.8	307	0
06S/10E-28K01 M	08-12-60	166	18.0	32	--	36	10	108	2.0	300	0
06S/10E-28K01 M	08-31-61	166	18.0	40	--	30	7.3	84	1.7	228	6
06S/10E-28K01 M	08-20-62	166	19.0	31	--	34	7.4	108	2.0	274	12
06S/10E-28K01 M	09-16-63	166	18.0	--	--	--	--	106	--	--	--
06S/10E-28K01 M	07-29-64	166	19.0	--	--	--	--	106	--	--	--
06S/10E-28K01 M	06-24-65	166	19.0	--	--	33	--	106	--	290	0
05S/11E-05C01 M	07-26-43	(M)	--	--	--	17	7.4	22	--	98	0
06S/11E-05C01 M	07-21-44	(M)	--	--	--	18	5.0	27	--	107	0
06S/11E-05C01 M	08-08-45	(M)	--	--	--	13	5.2	20	--	95	0
06S/11E-05C01 M	08-31-47	(M)	--	29	--	12	8.4	21	--	98	0
06S/11E-05C01 M	09-01-48	(M)	--	41	--	17	6.5	14	--	92	0
06S/11E-05C01 M	08-26-49	(M)	--	37	--	15	6.9	22	--	94	0
06S/11E-05C01 M	09-07-50	(M)	--	41	--	15	8.5	18	--	93	0
06S/11E-05C01 M	09-12-51	(M)	--	34	--	15	3.4	24	--	95	0
06S/11E-05C01 M	09-19-56	(M)	--	--	--	17	6.0	19	3.4	100	0
06S/11E-05C01 M	08-09-57	(M)	--	20	--	9.5	12	17	--	98	0
06S/11E-05C01 M	08-23-60	(M)	--	41	--	28	4.0	25	--	131	0
06S/11E-05C01 M	09-20-61	(M)	--	41	--	17	4.2	20	--	98	0
06S/11E-05C01 M	08-16-62	(M)	21.0	34	--	20	3.9	26	--	101	0
06S/11E-05C01 M	09-18-63	(M)	19.0	55	--	30	13	4.6	--	137	0
06S/11E-05C01 M	09-04-64	(M)	19.0	39	--	28	13	21	--	152	0
06S/11E-05C01 M	08-27-65	(M)	17.0	--	--	42	18	2.0	--	174	0

Results in milligrams per liter--Continued											
Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B) (in micrograms per liter)	Dissolved solids: Sum of determined constituents	Dissolved solids: Residue on evaporation at 180°C	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Specific conductance (micromhos at 25°C)	pH
--	10	--	--	--	--	--	84	--	--	260	8.0
1.2	10	--	48	0	--	234	99	8	31	296	7.5
--	.7	--	--	70	--	--	38	--	--	88	7.7
4.1	1.8	.1	.6	120	71	80	43	1	13	102	6.8
7.7	4.6	.2	.0	100	85	78	66	9	11	143	7.1
6.6	5.2	--	.4	100	--	91	63	0	14	159	7.4
60	970	--	--	--	--	--	450	--	--	--	--
22	472	--	--	200	--	1130	357	--	61	--	8.0
19	436	--	--	80	--	1100	32	--	62	--	7.7
14	376	--	--	100	--	1010	285	--	64	--	7.6
19	365	--	--	100	--	965	302	--	62	--	7.4
19	369	--	--	100	--	949	291	--	65	--	8.2
25	358	--	--	150	--	973	312	--	61	--	7.4
7.8	355	--	--	200	--	973	285	--	63	--	7.8
17	351	--	--	100	--	964	300	--	62	--	7.5
20	348	--	--	100	--	964	314	--	60	--	7.4
22	337	--	--	100	--	916	308	--	60	--	7.6
22	454	--	--	100	--	1150	346	--	62	--	7.4
14	167	--	--	50	--	654	192	--	63	--	8.1
19	358	--	--	130	--	947	320	--	61	--	7.5
20	316	--	--	--	--	--	--	--	68	1300	7.4
200	258	--	--	--	--	--	230	--	--	--	8.0
260	222	--	.0	1600	--	919	224	50	70	1520	8.3
20	43	.3	18	60	420	--	176	--	46	659	7.5
21	63	.4	19	1400	--	514	172	--	52	681	8.2
16	54	.3	14	110	408	--	169	0	49	673	8.0
19	40	.3	16	0	375	--	122	0	57	561	8.3
--	47	--	--	180	--	--	183	--	--	689	--
--	46	--	--	200	--	--	172	--	--	682	--
--	35	--	29	--	--	--	198	--	57	699	8.4
--	26	--	41	--	--	--	236	--	--	882	8.7
10	280	--	--	--	--	--	154	--	69	980	7.4
7.0	189	.0	.0	900	--	548	124	--	68	842	7.7
16	34	.2	1.2	0	274	--	87	0	59	410	8.0
15	30	.2	1.0	110	261	--	93	0	57	439	8.2
17	27	.4	2.5	0	274	--	89	0	58	414	8.5
--	24	--	--	190	--	--	92	--	--	427	--
--	22	--	--	200	--	--	96	--	--	433	--
33	17	--	8.1	0	--	264	92	0	55	429	8.6
--	16	--	6.5	--	--	--	82	--	--	424	8.7
23	141	.5	6.2	110	545	--	140	--	68	960	7.9
26	91	.4	10	160	--	624	137	--	68	866	8.0
22	56	.2	8.0	100	421	--	126	0	62	729	8.2
20	68	.3	8.0	110	434	--	129	0	64	742	8.2
17	52	.4	3.6	100	354	--	105	0	63	566	8.5
19	60	.1	10	100	418	396	115	0	67	660	8.4
--	60	--	--	100	--	--	116	--	--	685	--
--	58	--	--	100	--	--	118	--	--	698	7.8
--	58	--	12	--	--	--	120	--	74	709	8.3
75	18	--	--	--	--	133	72	--	40	--	7.7
4.9	21	--	--	20	--	172	65	--	47	--	7.4
4.1	10	--	--	20	--	154	53	--	45	--	7.3
4.1	18	--	--	70	--	145	64	--	41	--	7.4
4.9	14	--	--	40	--	149	67	--	31	--	7.8
10	18	--	--	50	--	157	66	--	42	--	7.8
11	18	--	--	50	--	205	74	4	35	--	7.5
4.9	14	--	--	40	--	152	51	--	50	--	7.7
8.0	14	--	--	--	--	--	--	--	37	--	--
4.1	18	--	--	50	--	167	99	--	34	--	7.8
13	14	--	--	50	--	195	87	--	39	--	7.4
2.9	14	--	--	10	--	158	61	--	42	--	8.0
13	18	--	--	100	--	170	66	--	46	--	7.4
6.6	14	--	--	50	--	262	130	--	7	--	7.6
23	18	--	--	50	--	280	126	--	27	--	7.2
28	25	--	--	10	--	266	179	--	2	--	7.0

State well number	Date of collection	Sampling depth (feet)	Water temperature (°C)	Results in milligrams per liter							
				Silica (SiO_2)	Iron (Fe) (in micrograms per liter)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)
06S/11E-05C01 M	10-07-66	(M)	18.0	--	--	44	20	18	--	168	0
06S/11E-05C01 M	11-28-67	(M)	20.0	--	--	43	16	18	--	152	0
06S/11E-05C01 M	12-18-69	(M)	18.0	--	--	42	22	25	--	162	0
06S/11E-07E01 M	07-13-65	56	--	--	--	13	3.0	15	2.4	68	0
06S/11E-09C01 M	08-23-57	(M)	19.0	52	--	33	8.1	26	4.4	144	0
06S/11E-09C01 M	08-19-58	(M)	19.0	52	--	31	13	32	2.4	133	14
06S/11E-09C01 M	09-14-59	(M)	19.0	60	--	38	10	34	2.9	163	0
06S/11E-09C01 M	08-12-60	(M)	19.0	45	--	41	10	31	2.0	161	0
06S/11E-09C01 M	09-06-61	(M)	18.0	62	--	45	11	34	2.4	159	3
06S/11E-09C01 M	08-24-62	(M)	19.0	45	--	47	8.5	40	2.4	176	0
06S/11E-09C01 M	09-13-63	(M)	19.0	--	0	--	--	41	--	--	--
06S/11E-09C01 M	02-20-64	(M)	19.0	--	--	--	--	38	--	171	0
06S/11E-10J01 M	08-23-57	100	18.0	53	--	23	6.4	18	2.4	89	0
06S/11E-10J01 M	09-23-58	100	20.0	48	--	24	10	22	.0	96	0
06S/11E-10J01 M	10-08-59	100	20.0	55	--	28	6.8	26	1.4	110	0
06S/11E-10J01 M	08-16-60	100	20.0	40	--	25	6.0	19	2.0	94	0
06S/11E-27K01 M	07-09-57	63	20.0	56	--	14	3.6	21	3.8	91	0
06S/11E-27K01 M	07-28-58	63	19.0	34	--	16	7.0	20	2.4	101	0
06S/11E-27K01 M	07-06-59	63	19.0	59	--	14	4.6	20	4.0	86	0
06S/11E-27K01 M	07-26-60	63	19.0	38	--	15	4.0	23	4.0	90	0
06S/11E-27K01 M	06-26-61	63	20.0	61	--	16	3.9	20	3.6	88	0
06S/11E-27K01 M	06-25-62	63	20.0	--	--	--	--	23	4.0	--	--
06S/11E-27K01 M	07-01-63	63	20.0	--	--	--	--	21	--	--	--
06S/11E-27K01 M	05-24-66	63	19.0	--	--	18	--	--	--	85	4
06S/11E-36P01 M	07-22-58	60	19.0	38	--	23	7.0	30	2.8	124	0
06S/11E-36P01 M	07-06-59	60	19.0	66	--	22	8.3	28	3.9	124	0
06S/11E-36P01 M	07-14-60	60	19.0	46	--	22	7.0	31	2.0	127	0
06S/11E-36P01 M	07-12-61	60	19.0	69	--	23	6.4	25	3.4	123	0
06S/11E-36P01 M	06-20-62	60	19.0	--	--	--	--	25	2.8	--	--
06S/11E-36P01 M	07-09-63	60	19.0	--	--	--	--	26	--	--	--
06S/11E-36P01 M	06-23-65	60	--	--	--	22	--	22	--	124	0
06S/12E-06L01 M	09-23-58	(M)	19.0	57	--	33	11	39	1.9	136	0
06S/12E-06L01 M	08-12-60	(M)	21.0	38	--	28	6.0	24	2.0	114	0
06S/12E-06L01 M	08-08-61	(M)	--	67	--	42	10	38	1.6	167	0
06S/12E-06L01 M	09-10-62	(M)	20.0	46	--	43	8.5	41	1.7	148	0
06S/12E-06L01 M	09-17-63	(M)	19.0	--	--	--	--	36	--	--	--
06S/12E-06L01 M	06-24-65	(M)	--	--	--	43	--	37	--	149	0
06S/12E-06L01 M	05-24-66	(M)	20.0	--	--	51	--	--	--	149	0
06S/12E-08D01 M	06-11-59	60	--	35	--	26	5.4	26	1.5	93	0
06S/12E-08D01 M	08-31-60	60	--	25	--	17	15	25	1.0	90	0
06S/12E-08D01 M	06-24-65	60	--	--	--	36	8.5	30	--	89	3
06S/12E-08D02 M	06-12-59	120	--	28	--	11	.4	16	1.4	62	0
06S/12E-08D02 M	08-31-60	120	23.0	22	--	9.0	1.0	16	1.0	61	0
06S/12E-08D02 M	06-23-65	120	29.0	--	--	11	.6	15	--	60	0
06S/12E-09D01 M	09-18-57	100	21.0	31	--	17	5.7	20	3.0	121	0
06S/12E-09D01 M	06-11-59	100	21.0	35	--	25	4.5	24	1.6	141	0
06S/12E-09D01 M	08-31-60	100	20.0	26	--	34	10	36	2.0	195	0
06S/12E-21N01 M	07-08-57	140	21.0	69	--	16	5.8	20	3.4	95	2
06S/12E-21N01 M	07-24-58	140	19.0	44	--	14	6.0	21	3.5	93	0
06S/12E-21N01 M	05-27-59	140	19.0	60	--	15	7.1	19	4.3	94	0
06S/12E-21N01 M	06-27-60	140	19.0	45	--	17	4.0	22	4.0	74	10
06S/12E-21N01 M	06-26-61	140	20.0	60	--	15	4.0	18	3.9	90	0
06S/12E-21N01 M	06-20-62	140	20.0	48	--	17	3.5	22	6.3	164	0
06S/12E-21N01 M	07-09-63	140	20.0	--	--	--	--	20	--	--	--
06S/12E-21N01 M	06-24-65	140	20.0	--	--	16	--	19	--	92	0
06S/12E-21N01 M	05-24-66	140	21.0	--	--	17	--	--	--	94	2
06S/12E-23H01 M	07-08-57	76	20.0	62	--	16	6.8	11	1.4	61	0
06S/12E-23H01 M	07-23-58	76	19.0	38	--	16	7.0	14	1.0	61	0
06S/12E-23H01 M	05-26-59	76	19.0	65	--	17	6.9	12	1.9	63	0
06S/12E-23H01 M	06-29-60	76	18.0	45	--	17	6.0	16	1.0	71	0
06S/12E-23H01 M	07-15-65	76	19.0	--	--	16	5.8	6.2	.9	48	0
06S/12E-35K01 M	05-11-61	316	--	--	20	13	4.0	15	2.0	78	0
06S/12E-35K01 M	- -65	316	--	58	--	21	5.9	27	5.6	--	--
06S/12E-35K01 M	- -68	316	--	38	--	14	12	17	3.0	98	0
06S/13E-06N01 M	07-08-57	54	18.0	40	--	8.3	4.0	9.8	1.2	57	0

Results in milligrams per liter--Continued											
Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B) (in micrograms per liter)	Dissolved solids: Sum of determined constituents	Dissolved solids: Residue on evaporation at 180°C	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Specific conductance (micromhos at 25°C)	pH
37	25	--	--	50	--	293	191	--	17	--	7.4
33	25	--	--	50	--	302	174	--	18	--	7.2
29	25	--	--	50	--	317	196	--	22	--	7.3
7.6	5.2	--	10	0	--	140	45	0	41	163	8.3
18	13	.5	26	0	252	--	116	--	32	370	7.8
22	21	.2	23	0	--	290	134	--	34	413	8.4
30	16	.2	26	1000	298	--	138	4	35	416	8.0
30	19	.0	26	0	284	--	142	10	32	440	8.0
37	17	.3	47	100	337	--	160	25	32	459	8.3
37	16	.1	45	100	328	356	153	9	36	470	8.2
--	19	--	--	0	--	--	169	--	--	520	--
--	16	--	--	100	--	--	161	--	--	511	7.9
20	6.5	.2	27	0	201	--	84	--	31	258	8.0
22	13	.1	28	0	--	214	98	--	32	294	8.0
18	9.4	.2	35	0	234	--	98	0	36	314	7.8
15	10	.0	30	0	194	--	87	10	32	282	7.8
14	4.9	.3	11	50	174	--	50	--	46	207	8.2
9.0	11	.3	10	0	--	164	71	--	38	220	7.5
15	5.0	.4	9.6	0	174	--	54	0	42	198	7.9
15	9.0	.4	10	0	163	--	53	0	46	210	8.2
12	5.0	.2	14	0	179	--	56	0	42	210	8.0
--	6.7	--	--	140	--	--	61	--	--	241	--
--	5.2	--	--	0	--	--	62	--	--	228	--
--	4.9	--	15	--	--	--	66	--	--	228	8.5
15	13	.0	28	0	--	238	89	--	42	333	7.3
17	11	.2	19	0	236	--	89	0	39	301	8.0
15	15	.0	21	0	222	--	87	0	44	310	7.7
14	8.1	.3	20	60	229	--	84	0	38	286	8.1
--	6.7	--	--	110	--	--	86	--	--	288	--
--	7.0	--	--	0	--	--	91	--	--	308	--
--	5.8	--	16	--	--	--	86	--	47	263	8.2
26	26	.1	42	0	--	324	130	--	39	481	7.8
14	15	.1	28	0	212	--	98	5	35	337	7.0
29	16	.2	57	0	343	--	148	11	36	454	8.2
32	21	.1	54	100	321	304	142	20	38	460	8.0
--	21	--	--	100	--	--	147	--	--	483	--
--	19	--	58	--	--	--	148	--	43	485	8.2
--	20	--	56	--	--	--	136	--	--	532	7.9
11	21	.2	36	130	208	--	87	11	39	307	7.4
18	26	.1	35	0	207	--	107	33	34	342	7.7
--	33	--	--	--	--	--	125	--	34	423	8.4
.0	4.4	.2	5.5	130	97	--	29	0	53	131	7.8
2.0	6.0	.2	4.0	0	89	--	29	0	56	130	7.1
--	3.6	--	--	--	--	--	30	--	52	125	8.3
5.4	5.6	.0	7.9	20	155	--	66	--	38	236	8.2
2.1	6.5	.1	8.7	120	178	--	81	0	39	271	7.6
8.0	17	.0	13	0	243	--	124	0	38	395	8.2
19	4.9	.3	9.8	30	197	--	64	--	39	226	8.3
18	7.0	.2	10	180	--	174	--	--	42	238	7.5
15	7.3	.2	7.2	0	181	--	66	0	36	214	7.3
15	6.0	.3	11	90	171	--	60	0	43	227	8.4
12	4.2	.2	11	10	173	--	57	0	40	205	8.1
13	1.8	.1	9.0	0	171	170	56	0	42	216	8.1
--	4.2	--	--	0	--	--	66	--	--	228	--
--	4.9	--	14	--	--	--	62	--	51	218	8.2
--	4.9	--	12	--	--	--	61	--	--	236	8.5
17	3.4	.4	26	0	174	--	68	--	26	193	8.0
19	9.0	.0	26	190	--	144	69	--	30	201	7.2
20	4.8	.1	21	0	180	--	71	19	26	197	7.9
21	9.0	.2	16	0	166	--	68	10	34	204	8.2
17	2.5	--	20	0	--	128	64	25	17	162	8.1
.5	4.0	.3	2.5	--	151	--	49	--	39	--	7.6
21	11	.2	24	--	--	228	76	--	41	--	7.5
14	11	.2	11	--	--	183	86	--	30	--	7.2
2.5	2.0	.6	4.8	0	101	--	37	--	36	110	8.0

State well number	Date of collection	Sampling depth (feet)	Water temperature (°C)	Results in milligrams per liter							
				Silica (SiO_2)	Iron (Fe) (in micrograms per liter)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)
06S/13E-06N01 M	09-11-58	54	21.0	32	--	9.0	3.0	10	1.5	60	0
06S/13E-06N01 M	07-07-59	54	18.0	39	--	13	3.4	13	1.7	56	0
06S/13E-06N01 M	07-28-60	54	19.0	30	--	16	4.0	14	.0	55	--
06S/13E-06N01 M	05-24-66	54	19.0	--	--	21	6.7	14	1.8	40	0
06S/13E-31F01 M	07-08-57	93	20.0	69	--	17	6.0	18	1.7	88	1
06S/13E-31F01 M	09-12-58	93	19.0	46	--	16	7.0	19	1.5	95	0
06S/13E-31F01 M	07-07-59	93	19.0	71	--	26	6.6	16	1.6	107	0
06S/13E-31F01 M	06-28-60	93	19.0	49	--	17	7.0	23	2.0	95	0
06S/13E-31F01 M	07-12-61	93	20.0	68	--	18	5.4	18	1.7	86	0
06S/13E-32N01 M	11-26-52	305	22.0	51	200	19	3.5	21	6.1	97	0
06S/13E-32N01 M	11-22-60	305	21.0	59	10	18	5.1	23	5.8	97	0
06S/13E-32N01 M	11-16-61	305	22.0	54	10	18	4.9	21	4.4	92	0
06S/13E-32N01 M	11-29-62	305	21.0	58	20	19	4.3	21	6.7	98	0
06S/13E-32N01 M	12- -63	305	22.0	51	20	18	4.9	21	5.4	92	0
06S/13E-32N01 M	01-21-65	305	--	54	60	19	4.5	22	6.0	92	0
06S/13E-32N01 M	06-24-65	305	20.0	--	--	18	5.1	21	6.6	89	2
06S/13E-32N01 M	02-15-66	305	22.0	57	0	19	4.5	21	5.6	92	0
06S/13E-32N01 M	04-03-67	305	22.0	52	30	19	4.4	21	6.8	98	0
06S/13E-32N01 M	03-20-68	305	22.0	51	150	19	4.5	21	5.4	88	0
06S/13E-32N01 M	03-11-69	305	21.0	50	40	18	4.6	22	5.3	91	0
06S/13E-32N01 M	01-13-70	305	21.0	45	40	18	4.5	22	4.9	90	0
06S/13E-32N02 M	11-26-52	319	22.0	74	--	19	3.4	20	7.5	100	0
06S/13E-32N02 M	11-22-60	319	22.0	57	50	18	4.9	22	7.2	97	0
06S/13E-32N02 M	11-16-61	319	22.0	53	10	18	4.6	21	7.4	98	0
06S/13E-32N02 M	11-29-62	319	21.0	59	30	18	4.6	21	6.0	99	0
06S/13E-32N02 M	12- -63	319	22.0	52	10	17	5.5	21	7.5	98	0
06S/13E-32N02 M	01-21-65	319	21.0	54	60	16	6.1	21	7.5	96	0
06S/13E-32N02 M	06-24-65	319	20.0	--	--	20	3.9	21	8.0	96	0
06S/13E-32N02 M	02-15-66	319	21.0	56	130	20	3.6	21	7.0	98	0
06S/13E-32N02 M	04-03-67	319	22.0	51	10	22	4.3	21	6.8	96	0
06S/13E-32N02 M	03-20-68	319	22.0	50	10	19	4.3	22	7.2	98	0
06S/13E-32N02 M	03-11-69	319	22.0	51	10	19	4.2	21	7.8	100	0
06S/13E-32N02 M	01-13-70	319	21.5	52	10	19	4.5	22	7.2	96	0
06S/13E-32P01 M	11-26-52	290	22.0	75	--	19	3.3	20	6.7	98	0
06S/13E-32P01 M	11-22-60	290	22.0	57	40	18	5.2	20	6.0	100	0
06S/13E-32P01 M	11-16-61	290	22.0	53	10	18	5.1	21	6.1	104	0
06S/13E-32P01 M	11-29-62	290	20.0	59	20	19	4.1	20	6.0	105	0
06S/13E-32P01 M	12- -63	290	21.0	54	10	18	4.9	21	6.3	104	0
06S/13E-32P01 M	01-21-65	290	21.0	54	30	18	4.1	20	5.9	94	0
06S/13E-32P01 M	02-15-66	290	21.0	56	0	19	3.5	20	5.6	96	0
06S/13E-32P01 M	04-03-67	290	22.0	52	10	19	4.5	21	6.5	101	0
06S/13E-32P01 M	03-20-68	290	22.0	51	10	20	4.8	21	6.2	104	0
06S/13E-32P01 M	03-11-69	290	21.0	51	10	21	5.0	22	7.2	106	0
06S/13E-32P01 M	01-14-70	290	21.0	51	10	20	5.1	22	6.2	104	0
06S/13E-32P02 M	11-26-52	290	22.0	63	--	20	3.9	19	7.2	98	0
06S/13E-32P02 M	11-22-60	290	22.0	60	10	19	5.0	20	6.8	113	0
06S/13E-32P02 M	11-16-61	290	22.0	53	10	18	4.9	21	6.4	98	0
06S/13E-32P02 M	11-29-62	290	21.0	58	30	19	4.4	20	4.8	97	0
06S/13E-32P02 M	12- -63	290	21.0	54	0	17	5.2	22	7.0	97	0
06S/13E-32P02 M	01-21-65	290	--	56	70	20	3.4	21	6.7	95	0
06S/13E-32P02 M	06-24-65	290	20.0	--	--	20	4.4	19	7.6	98	0
06S/13E-32P02 M	02-15-66	290	21.0	59	0	18	5.1	20	7.1	99	0
06S/13E-32P02 M	03-20-68	290	22.0	53	50	20	4.7	20	7.3	100	0
06S/13E-32P02 M	03-11-69	290	21.0	53	10	19	5.1	21	7.4	101	0
06S/13E-32P02 M	01-14-70	290	21.0	54	470	20	5.0	21	7.0	101	0
06S/14E-29E01 M	07-10-59	--	24.0	--	--	--	--	--	--	54	0
06S/14E-29E01 M	07-15-65	--	--	--	--	15	5.5	21	--	88	0
06S/14E-32D01 M	08-11-60	58	20.0	--	--	--	--	29	--	78	0
06S/14E-32D01 M	07-15-65	58	--	--	--	20	8.3	31	--	81	0
07S/10E-18J01 M	03-06-61	108	19.0	--	--	--	--	150	--	387	15
07S/10E-18J01 M	07-13-65	108	22.0	--	--	26	6.1	154	3.5	443	0
07S/10E-22R01 M	03-06-61	160	19.0	--	--	--	--	531	--	195	4
07S/10E-23D01 M	07-14-65	--	19.0	--	--	16	5.8	273	4.9	320	18
07S/10E-23K01 M	06-27-61	303	--	16	--	347	44	1250	9.0	60	0
07S/10E-23K01 M	01-07-66	303	--	--	--	248	28	975	9.5	78	0

Results in milligrams per liter--Continued											
Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B) (in micrograms per liter)	Dissolved solids: Sum of determined constituents	Dissolved solids: Residue on evaporation at 180°C	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Specific conductance (micromhos at 25°C)	pH
1.0	4.0	.3	5.0	700	--	91	35	--	37	128	6.7
5.0	5.6	.2	19	200	129	--	47	1	37	158	6.6
20	11	.1	25	0	129	--	55	10	35	184	8.0
18	7.9	--	64	100	--	222	80	47	27	260	7.0
17	4.4	.3	16	0	193	--	67	--	36	217	8.3
11	5.0	.2	20	0	--	174	68	--	37	245	7.9
8.0	11	.2	22	0	215	--	92	4	27	253	8.0
13	12	.2	18	0	188	--	73	0	40	239	7.9
16	3.2	.2	20	70	192	--	67	0	36	220	7.9
8.7	12	.0	14	80	183	195	62	0	40	240	7.8
8.0	13	.1	16	0	196	203	66	0	41	245	7.7
6.0	12	.0	16	0	181	202	65	0	39	241	7.7
8.0	13	.3	16	0	194	196	65	0	38	245	7.6
7.0	11	.2	22	0	186	187	65	0	39	248	7.4
15	11	.4	20	0	197	194	66	0	39	241	7.8
6.9	11	--	23	0	--	179	66	0	38	246	8.4
9.0	11	.2	19	0	191	196	66	0	38	243	7.4
8.0	11	.0	15	100	185	195	66	0	38	245	7.4
9.0	14	.1	21	10	188	192	66	0	39	243	7.2
8.0	11	.2	22	80	186	185	64	0	40	244	7.6
9.0	10	.3	21	--	179	183	64	0	41	242	7.5
9.4	11	.0	10	50	204	194	61	0	38	238	7.8
9.0	12	.1	14	0	192	194	65	0	39	246	7.7
8.0	10	.4	14	0	184	206	64	0	38	240	7.7
9.0	12	.3	16	0	195	200	64	0	39	248	7.6
9.0	9.5	.2	20	0	190	183	65	0	38	249	7.5
13	10	.3	20	0	195	189	65	0	38	245	7.7
7.1	11	--	22	0	--	188	66	0	37	247	8.3
9.0	11	.2	17	0	193	194	65	0	38	244	7.3
14	12	.0	16	100	194	204	72	0	36	245	7.2
10	11	.2	19	10	191	204	65	0	39	245	7.4
9.0	8.8	.2	17	0	187	179	65	0	38	242	7.1
11	9.5	.2	18	--	190	194	66	0	39	250	7.4
7.2	11	.0	12	80	203	193	61	0	38	237	7.7
8.0	9.0	.1	13	100	185	198	66	0	37	241	7.7
7.0	8.8	.1	12	0	182	182	66	0	38	241	7.8
7.6	10	.2	13	0	191	190	65	0	38	243	7.4
7.0	7.5	.2	18	0	188	184	65	0	38	239	7.5
9.0	8.7	.4	17	0	183	181	62	0	39	230	7.8
7.0	9.5	.2	16	0	184	186	62	0	39	232	7.4
9.0	10	.1	13	0	185	204	66	0	38	250	7.3
7.0	9.4	.2	18	0	189	190	70	0	37	245	7.4
9.0	8.8	.2	19	0	195	192	73	0	37	259	7.3
10	9.0	.2	18	--	192	188	71	0	38	252	7.6
7.7	11	.0	11	40	191	196	66	0	35	234	7.8
7.0	9.0	.1	15	0	198	202	68	0	36	243	7.8
7.0	10	.1	15	0	183	186	65	0	38	241	7.8
8.0	12	.3	17	0	192	200	65	0	38	243	7.5
8.0	9.0	.2	22	0	192	191	64	0	40	244	7.9
9.0	10	.3	19	100	193	191	64	0	39	243	7.8
6.9	8.8	--	20	0	--	187	68	0	35	241	8.2
9.0	8.5	.2	16	0	192	201	66	0	37	242	7.9
9.0	10	.2	19	0	192	198	70	0	36	244	7.2
7.0	9.4	.2	21	0	193	195	68	0	37	251	7.4
9.0	9.0	.3	19	--	194	175	70	0	37	249	7.6
--	8.7	--	--	--	--	--	61	--	--	230	7.9
22	8.0	--	--	--	--	--	60	--	43	256	8.3
--	32	--	--	90	--	--	86	--	--	319	7.8
38	32	--	--	--	--	--	84	--	45	335	7.8
--	29	--	--	260	--	--	87	--	--	763	8.6
28	29	--	2.2	200	--	493	90	0	78	824	8.2
--	825	--	--	710	--	--	336	--	--	3180	--
41	231	--	1.8	200	749	764	64	0	89	1360	8.7
266	2400	.4	1.0	2000	4360	--	1050	1000	72	7620	7.7
306	1770	--	1.6	1900	--	3600	734	670	74	6340	7.9

State well number	Date of collection	Sampling depth (feet)	Water temperature (°C)	Results in milligrams per liter							
				Silica (SiO_2)	Iron (Fe) (in micrograms per liter)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)
07S/11E-01H01 M	05-26-61	(M)	--	56	--	24	7.3	33	7.6	175	0
07S/11E-01H01 M	01-07-66	(M)	20.0	--	--	17	6.2	25	6.1	124	0
07S/11E-04M01 M	07-31-58	87	19.0	37	--	21	9.0	63	5.3	207	0
07S/11E-04M01 M	07-06-59	87	18.0	48	--	26	5.0	79	6.8	213	8
07S/11E-04M01 M	07-27-59	87	19.0	48	--	26	6.2	70	6.6	224	0
07S/11E-04M01 M	07-20-60	87	19.0	29	--	26	7.0	71	2.0	216	0
07S/11E-04M01 M	07-12-61	87	19.0	55	--	29	5.5	64	5.3	206	6
07S/11E-04M01 M	07-02-62	87	19.0	--	--	--	--	71	5.7	--	--
07S/11E-04M01 M	07-02-63	87	19.0	--	--	--	--	67	--	--	--
07S/11E-04M01 M	07-14-65	87	21.0	--	--	23	9.8	64	6.7	203	13
07S/11E-05A01 M	07-14-65	116	23.0	--	--	13	2.8	34	4.8	111	6
07S/11E-14G01 M	07-24-58	108	19.0	46	--	36	12	55	2.4	258	0
07S/11E-14G01 M	06-18-59	108	19.0	69	--	39	12	53	4.0	264	0
07S/11E-14G01 M	07-20-60	108	19.0	49	--	28	13	54	2.0	175	26
07S/11E-14G01 M	07-14-65	108	19.0	--	--	39	11	48	--	238	0
07S/12E-01J01 M	- -58	(M)	--	--	--	20	5.4	17	3.7	--	--
07S/12E-01J01 M	- -65	(M)	--	56	--	32	14	24	3.2	--	--
07S/12E-01J01 M	- -68	(M)	--	36	--	21	8.4	18	3.0	107	0
07S/12E-01M02 M	- -57	143	--	--	--	13	4.3	17	1.8	--	--
07S/12E-01M02 M	- -65	143	--	44	--	19	.8	20	2.4	--	--
07S/12E-01M02 M	- -68	143	--	28	--	19	9.3	19	2.0	104	0
07S/12E-01P01 M	- -58	136	--	--	--	11	4.5	14	2.0	--	--
07S/12E-01P01 M	- -65	136	--	32	--	16	5.9	23	3.2	--	--
07S/12E-01P01 M	- -68	136	--	35	--	16	9.3	17	2.0	104	0
07S/12E-01P01 M	04-10-69	136	--	--	--	--	--	--	--	--	--
07S/12E-01Q01 M	07-08-57	145	20.0	76	--	24	7.3	22	1.7	105	5
07S/12E-01Q01 M	09-15-58	145	19.0	51	--	29	10	25	1.5	126	0
07S/12E-01Q01 M	07-30-59	145	19.0	75	--	32	6.7	31	2.2	135	0
07S/12E-01Q01 M	08-15-60	145	20.0	54	--	35	8.0	28	3.0	118	16
07S/12E-01Q01 M	07-12-61	145	19.0	79	--	33	8.9	26	1.9	144	0
07S/12E-01Q01 M	08-02-62	145	19.0	--	--	--	--	27	1.9	--	--
07S/12E-01Q01 M	09-10-63	145	20.0	--	--	--	--	26	--	--	--
07S/12E-03F01 M	07-08-57	95	20.0	73	--	20	6.8	16	1.6	78	0
07S/12E-03F01 M	07-15-58	95	19.0	35	--	22	6.0	18	1.5	77	0
07S/12E-03F01 M	07-08-59	95	19.0	68	--	19	6.2	18	1.9	75	0
07S/12E-03F01 M	06-28-60	95	19.0	48	--	21	5.0	18	2.0	78	0
07S/12E-03F01 M	07-15-65	95	21.0	--	--	20	--	17	--	72	0
07S/12E-08E01 M	07-09-57	76	19.0	34	--	37	13	29	3.0	168	8
07S/12E-08E01 M	07-23-58	76	19.0	47	--	42	11	32	2.8	189	0
07S/12E-08E01 M	06-15-59	76	19.0	68	--	40	14	31	2.6	197	0
07S/12E-08E01 M	07-28-60	76	19.0	46	--	45	11	34	3.0	148	20
07S/12E-08E01 M	07-15-65	76	20.0	--	--	43	13	31	--	182	9
07S/12E-19A01 M	08-26-57	80	19.0	59	--	29	7.4	20	4.1	154	0
07S/12E-19A01 M	07-24-58	80	19.0	42	--	27	9.0	23	3.5	162	0
07S/12E-19A01 M	06-16-59	80	--	60	--	30	7.8	23	5.8	167	0
07S/12E-19A01 M	07-19-60	80	19.0	44	--	28	8.0	27	4.0	161	0
07S/12E-19A01 M	07-12-61	80	19.0	66	--	34	6.8	21	4.2	164	0
07S/12E-19A01 M	06-27-62	80	19.0	51	--	33	7.5	22	3.7	160	0
07S/12E-19A01 M	06-20-63	80	19.0	--	--	--	--	22	--	--	--
07S/12E-19A01 M	05-29-64	80	19.0	--	--	--	--	20	--	--	--
07S/12E-19A01 M	07-15-65	80	19.0	--	--	27	7.2	20	--	124	7
07S/12E-19A01 M	05-24-66	80	19.0	--	--	33	--	--	--	123	10
07S/12E-22H01 M	07-15-58	50	19.0	48	--	36	13	24	2.8	198	0
07S/12E-22H01 M	06-16-59	50	19.0	68	--	33	12	25	3.6	192	0
07S/12E-22H01 M	06-29-60	50	18.0	57	--	30	13	25	2.0	145	20
07S/12E-22H01 M	07-15-65	50	20.0	--	--	42	16	24	3.6	196	18
07S/13E-04P01 M	07-09-57	70	19.0	36	--	31	7.9	23	3.0	146	6
07S/13E-04P01 M	07-23-58	70	19.0	38	--	26	10	23	2.8	132	0
07S/13E-04P01 M	05-13-59	70	19.0	65	--	26	9.1	25	4.1	142	0
07S/13E-04P01 M	06-27-60	70	19.0	42	--	25	10	27	3.0	143	0
07S/13E-04P01 M	07-12-61	70	20.0	70	--	26	8.3	24	2.9	138	0
07S/13E-04P01 M	07-30-62	70	19.0	60	--	31	7.9	27	3.3	147	6
07S/13E-04P01 M	07-09-63	70	20.0	--	--	--	--	24	--	--	--
07S/13E-04P01 M	05-28-64	70	20.0	--	--	--	--	23	--	--	--
07S/13E-04P01 M	07-15-65	70	20.0	--	--	28	9.4	23	--	136	4

Results in milligrams per liter--Continued											
Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B) (in micrograms per liter)	Dissolved solids: Sum of determined constituents	Dissolved solids: Residue on evaporation at 180°C	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Specific conductance (micromhos at 25°C)	pH
9.6	4.6	.2	11	50	239	--	90	0	42	336	8.2
8.1	3.3	--	11	0	--	198	68	0	42	258	8.3
25	24	.2	11	800	--	344	88	--	59	456	7.9
16	31	.4	9.8	0	335	--	86	0	65	469	8.3
17	27	.4	1.6	0	313	--	90	0	61	465	7.7
20	27	.3	9.0	200	300	--	90	0	62	446	8.2
17	22	.4	17	110	322	--	95	0	58	460	8.4
--	19	--	--	170	--	--	103	--	--	507	--
--	21	--	--	100	--	--	105	--	--	518	--
16	20	--	15	100	257	322	98	0	57	500	8.8
5.4	5.0	--	15	0	140	209	44	0	60	271	8.6
13	14	.5	22	600	--	384	138	--	46	493	7.8
11	12	.4	21	0	351	--	147	0	43	479	8.2
14	20	.6	25	180	319	--	123	0	48	461	8.4
--	12	--	29	--	--	--	144	--	42	462	7.9
7.4	5.6	.2	1.5	--	160	--	71	--	32	--	7.8
17	14	.2	25	--	--	273	138	--	27	--	7.5
13	14	.2	11	--	--	181	87	--	30	--	7.2
4.9	6.5	.2	1.4	--	131	--	50	--	41	--	7.6
11	11	.2	12	--	--	202	88	--	45	--	7.5
15	14	.2	14	--	--	185	87	--	32	--	7.4
5.4	4.5	.2	1.5	--	112	--	46	--	39	--	7.4
12	14	.3	4.4	--	--	167	63	--	42	--	7.5
11	11	.2	12	--	--	180	79	--	31	--	7.1
--	--	--	--	--	--	--	--	--	--	--	--
18	11	.4	17	0	234	--	90	--	34	283	8.4
24	16	.1	20	500	--	248	110	--	32	350	7.9
23	19	.2	12	0	268	--	107	0	38	344	7.2
17	23	.0	14	90	257	--	122	0	33	373	8.4
22	15	.2	17	80	274	--	119	1	32	347	8.0
--	13	--	--	100	--	--	118	--	--	361	--
--	14	--	--	0	--	--	119	--	--	361	--
21	5.9	.3	27	10	210	--	78	--	30	240	8.2
18	14	.0	28	250	--	176	79	--	32	248	7.4
21	6.8	.2	22	600	201	--	73	11	34	230	7.1
19	9.0	.0	23	40	184	--	74	10	34	244	8.1
--	6.2	--	29	--	--	--	75	16	43	236	8.1
8.4	15	.3	32	0	263	--	146	0	30	413	8.3
9.0	22	.0	32	350	--	324	148	--	31	438	7.3
17	14	.2	37	0	321	--	158	0	30	435	8.0
21	23	.3	33	40	310	--	158	2	31	464	8.4
--	13	--	40	--	--	--	165	--	30	437	8.5
7.4	5.1	.3	11	30	219	--	103	--	29	294	8.0
8.0	8.0	.2	10	400	--	244	105	--	31	314	7.8
7.6	5.9	.1	6.7	0	229	--	107	0	30	300	7.7
10	14	.0	9.0	0	224	--	104	0	35	310	7.7
8.6	5.2	.3	13	80	240	--	113	0	28	308	8.2
7.7	14	.1	10	0	229	216	114	0	29	310	8.3
--	5.3	--	--	0	--	--	116	--	--	326	--
--	5.2	--	--	0	--	--	98	--	--	279	7.8
19	5.4	--	--	--	--	--	97	--	31	296	8.5
--	4.9	--	13	--	--	--	90	--	--	286	8.9
16	11	.2	14	200	--	296	147	--	26	389	7.6
11	7.2	.1	10	0	265	--	133	0	29	347	8.0
15	9.0	.0	13	220	256	--	131	0	29	369	8.4
8.6	7.5	--	12	0	228	263	170	0	23	438	8.8
8.4	7.0	.1	15	0	209	--	110	5	31	314	8.4
10	15	.0	21	0	--	234	104	--	31	313	7.6
9.0	9.8	.1	15	0	233	--	103	0	34	300	7.7
14	12	.3	16	0	220	--	101	0	35	303	8.1
7.2	9.7	.2	21	70	237	--	99	0	34	298	8.3
6.7	11	.1	18	0	244	270	110	0	34	330	8.6
--	9.3	--	--	0	--	--	110	--	--	330	--
--	9.5	--	--	0	--	--	107	--	--	325	7.5
--	9.9	--	21	--	--	--	109	0	32	334	8.6

State well number	Date of collection	Sampling depth (feet)	Water temperature (°C)	Results in milligrams per liter							
				Silica (SiO_2)	Iron (Fe) (in micrograms per liter)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)
07S/13E-04P01 M	05-23-66	70	19.0	--	--	34	--	--	--	143	0
07S/13E-06A02 M	11-22-60	300	22.0	61	10	20	7.7	21	3.5	105	0
07S/13E-06A02 M	11-16-61	300	22.0	53	10	18	5.4	21	4.0	104	0
07S/13E-06A02 M	11-29-62	300	20.0	65	260	24	7.3	21	3.5	122	0
07S/13E-06A02 M	12- -63	300	22.0	55	10	18	6.3	22	5.4	106	0
07S/13E-06A02 M	01-21-65	300	--	56	10	18	4.6	21	6.0	102	0
07S/13E-06A02 M	02-15-66	300	21.0	55	60	18	5.6	21	3.8	98	0
07S/13E-06A02 M	04-03-67	300	21.0	61	50	27	9.5	24	2.1	147	0
07S/13E-06A02 M	03-20-68	300	22.0	53	20	20	5.5	22	5.4	108	0
07S/13E-06A02 M	03-11-69	300	21.0	51	480	18	4.8	22	5.6	104	0
07S/13E-06A02 M	01-14-70	300	21.0	53	10	20	5.3	22	5.8	103	0
07S/13E-15G01 M	05-12-64	(M)	--	--	10	26	9.9	25	5.0	154	0
07S/13E-19H01 M	07-15-58	158	20.0	50	--	28	10	17	1.9	135	0
07S/13E-19H01 M	06-16-59	158	19.0	69	--	30	9.0	16	3.3	142	0
07S/13E-19H01 M	06-28-60	158	19.0	54	--	29	10	17	2.0	103	18
07S/13E-20M01 M	11-22-60	116	22.0	61	40	19	8.9	11	1.8	111	0
07S/13E-20M01 M	11-16-61	116	22.0	57	10	19	8.4	11	2.0	109	0
07S/13E-20M01 M	11-29-62	116	20.0	64	50	21	8.1	11	2.3	114	0
07S/13E-20M01 M	12- -63	116	19.0	59	0	19	9.1	10	2.6	112	0
07S/13E-20M01 M	01-21-65	116	--	63	20	21	7.7	10	2.2	105	0
07S/13E-20M01 M	02-15-66	116	16.0	54	10	21	7.2	9.5	2.1	108	0
07S/13E-20M01 M	04-03-67	116	19.0	56	10	21	7.9	9.9	2.0	94	0
07S/13E-20M01 M	03-20-68	116	20.0	46	20	19	7.5	9.2	2.2	104	0
07S/13E-20M01 M	03-11-69	116	18.0	39	100	20	8.0	10	2.2	107	0
07S/13E-20M01 M	01-14-70	116	19.0	31	830	18	7.3	9.6	2.2	105	0
07S/13E-22C01 M	07-15-57	(M)	19.0	71	--	37	14	21	3.0	197	0
07S/13E-22C01 M	07-15-58	(M)	19.0	38	--	36	15	22	2.8	193	0
07S/13E-22C01 M	07-08-59	(M)	18.0	62	--	37	15	24	3.5	204	0
07S/13E-22C01 M	06-28-60	(M)	18.0	46	--	34	18	22	3.0	165	21
07S/13E-22C01 M	07-12-61	(M)	19.0	67	--	38	16	20	2.9	209	0
07S/13E-22C01 M	07-16-62	(M)	20.0	--	--	--	--	21	3.2	--	--
07S/13E-22C01 M	07-23-63	(M)	19.0	--	--	--	--	21	--	--	--
07S/13E-22C01 M	07-15-65	(M)	19.0	--	--	39	15	22	--	196	12
07S/13E-22C01 M	05-23-66	(M)	19.0	--	--	54	--	--	--	225	0
07S/14E-09R01 M	09-12-58	148	19.0	44	--	16	10	20	1.9	114	0
07S/14E-09R01 M	07-09-59	148	19.0	66	--	16	11	19	2.5	117	0
07S/14E-09R01 M	07-28-60	148	19.0	55	--	20	9.0	21	2.0	107	10
07S/14E-09R01 M	07-26-61	148	20.0	64	--	20	8.0	19	2.2	122	0
07S/14E-09R01 M	07-26-62	148	21.0	48	--	19	8.9	22	2.5	131	0
07S/14E-09R01 M	09-10-63	148	21.0	--	--	--	--	21	--	--	--
07S/14E-09R01 M	07-15-65	148	19.0	--	--	21	9.6	18	2.8	126	5
07S/14E-09R01 M	05-23-66	148	17.0	--	--	26	--	--	--	135	0
07S/14E-16L01 M	07-09-64	344	--	--	<50	19	11	14	4.0	126	0
07S/14E-16L02 M	01-13-70	339	--	--	30	20	11	14	3.4	132	0
07S/14E-19B01 M	07-21-53	243	--	--	0	26	11	22	--	152	0
07S/14E-19B01 M	07-30-57	243	--	--	20	25	11	18	2.9	154	0
07S/14E-19B02 M	07-21-53	133	--	--	0	24	10	22	--	151	0
07S/14E-19B02 M	07-30-57	133	--	--	0	25	11	17	2.9	143	0
07S/14E-19B02 M	01-13-70	133	--	--	30	29	15	19	3.5	187	0
07S/14E-19J01 M	07-21-53	236	--	--	0	28	13	14	--	163	0
07S/14E-19J01 M	07-30-57	236	--	--	0	28	12	14	4.3	152	0
07S/14E-28A02 M	07-09-57	145	19.0	40	--	28	16	38	3.4	200	14
07S/14E-28A02 M	09-12-58	145	--	49	--	32	18	37	3.1	270	0
07S/14E-28A02 M	07-14-59	145	19.0	64	--	36	17	36	3.9	260	0
07S/14E-28A02 M	07-11-60	145	19.0	48	--	26	18	36	3.0	233	0
07S/14E-28A02 M	06-28-61	145	19.0	67	--	32	17	33	3.3	241	0
07S/14E-28A02 M	09-06-62	145	19.0	47	--	33	18	38	2.6	260	0
07S/14E-28A02 M	07-15-65	145	19.0	--	--	27	19	35	3.2	224	13
07S/14E-29R01 M	07-21-53	254	--	--	500	24	7.2	38	--	139	0
07S/14E-29R01 M	07-30-57	254	--	--	0	24	9.5	22	4.3	148	0
07S/14E-29R02 M	07-21-53	161	--	--	0	25	8.4	25	--	157	0
07S/14E-29R02 M	07-30-57	161	--	--	0	24	7.1	21	5.5	122	0
07S/14E-29R02 M	01-13-70	161	--	--	50	31	12	24	5.4	185	0
07S/14E-30E01 M	07-21-53	187	--	--	0	28	12	19	--	155	0
07S/14E-30E01 M	07-30-57	187	--	--	0	31	13	22	5.5	166	0

Results in milligrams per liter--Continued											
Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B) (in micrograms per liter)	Dissolved solids: Sum of determined constituents	Dissolved solids: Residue on evaporation at 180°C	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Specific conductance (micromhos at 25°C)	pH
--	11	--	--	--	--	--	98	--	--	314	7.8
12	10	.1	17	0	204	221	82	0	35	263	7.5
8.0	8.0	.1	14	100	183	180	67	0	39	235	7.8
13	11	.3	15	0	220	218	90	0	33	282	7.3
11	9.0	.2	19	0	198	184	71	0	38	250	7.4
7.0	7.4	.4	15	100	186	183	64	0	39	237	7.8
8.0	9.0	.1	18	0	186	194	68	0	39	237	7.2
19	7.0	.2	7.4	0	229	249	106	0	32	309	7.4
11	10	.2	18	20	198	205	72	0	38	255	7.4
9.0	6.8	.3	16	0	184	180	64	0	40	237	7.3
11	7.5	.2	19	--	195	190	72	0	38	248	7.6
6.9	13	.1	14	--	--	253	104	--	33	--	8.0
11	10	.2	18	300	--	218	110	--	25	293	8.1
9.6	6.5	.1	15	0	228	--	112	0	23	284	8.0
10	14	.2	16	40	221	--	113	0	24	306	8.4
5.0	5.2	.2	5.8	100	173	167	84	0	22	212	7.6
4.0	3.8	.3	5.8	0	165	165	82	0	22	210	7.5
7.0	5.3	.3	7.7	0	183	181	86	0	21	215	7.4
7.0	2.0	.2	12	100	176	174	85	0	20	213	7.3
7.0	2.8	.4	14	0	180	173	84	0	20	210	7.7
7.0	3.5	.3	6.3	0	164	160	82	0	20	204	7.3
18	3.0	.1	7.6	300	172	188	85	8	20	217	7.0
6.0	2.8	.2	5.4	0	149	145	78	0	20	196	7.3
9.0	2.6	.3	2.4	0	146	131	83	0	20	192	7.4
7.0	2.5	.4	.0	--	130	119	75	0	21	185	7.6
8.4	9.5	.3	13	20	274	--	152	--	23	374	8.1
9.0	17	.0	13	150	--	284	151	--	24	383	8.1
9.4	14	.1	11	0	277	--	154	0	25	380	7.5
6.0	15	.0	9.0	20	256	--	160	0	23	394	8.5
7.9	11	.2	12	50	278	--	161	0	21	392	7.3
--	9.9	--	--	100	--	--	164	--	--	408	--
--	72	--	--	0	--	--	171	--	--	416	--
--	10	--	14	--	--	--	163	0	23	417	8.7
--	10	--	--	--	--	--	145	--	--	426	7.9
9.0	13	.2	10	280	--	184	79	--	34	253	7.9
4.6	12	.0	7.5	0	197	--	85	0	32	243	7.4
10	13	.2	10	20	203	--	86	0	34	268	8.3
5.1	9.5	.2	11	50	199	--	83	0	33	247	8.1
3.4	11	.1	9.5	0	190	184	85	0	35	260	8.2
--	9.0	--	--	0	--	--	91	--	--	267	--
2.0	9.4	--	5.9	0	135	203	92	0	29	282	8.6
--	8.6	--	9.3	--	--	--	77	--	--	280	8.0
6.4	8.5	.1	--	--	--	194	94	--	24	--	7.3
6.4	6.2	<.1	--	--	--	203	96	--	23	--	7.6
12	9.1	.0	2.0	--	--	241	109	--	30	--	7.4
12	6.0	.0	.7	--	--	230	109	--	26	--	7.7
6.6	9.1	.0	2.0	--	--	232	102	--	32	--	7.3
10	6.4	.1	.8	--	--	215	107	--	25	--	7.8
5.9	8.4	<.1	--	--	--	246	134	--	23	--	7.6
6.7	6.2	.2	1.2	--	--	236	124	--	20	--	7.4
15	6.4	.0	.8	--	--	231	119	--	20	--	7.9
7.7	8.0	.3	4.8	0	258	--	134	0	37	386	8.5
15	11	.0	6.0	100	--	364	154	--	34	484	8.2
8.0	9.3	.1	5.4	0	308	--	158	0	32	450	7.6
13	12	.0	4.0	150	276	--	137	0	35	413	8.3
8.6	7.1	.1	7.8	60	294	--	149	0	32	401	8.3
10	6.0	.1	3.3	100	286	276	155	0	34	435	8.1
3.6	6.0	--	3.6	0	220	254	144	0	34	427	8.7
15	2.9	.0	2.2	--	--	235	88	--	48	--	7.7
25	6.0	.0	1.0	--	--	238	100	--	31	--	7.8
14	.8	.0	1.9	--	--	238	98	--	36	--	7.7
30	5.8	.0	1.3	--	--	216	90	--	32	--	7.8
9.6	11	<.1	--	--	--	260	128	--	28	--	7.7
13	4.6	.0	3.3	--	--	246	118	--	26	--	7.6
16	17	.1	1.3	--	--	271	133	--	26	--	7.8

State well number	Date of collection	Sampling depth (feet)	Water temperature (°C)	Results in milligrams per liter							
				Silica (SiO_2)	Iron (Fe) (in micrograms per liter)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)
07S/14E-30E01 M	05-01-67	187	20.0	--	--	30	15	21	5.0	172	0
07S/14E-30E01 M	01-13-70	187	--	--	20	31	14	20	5.3	166	0
07S/14E-30E02 M	07-21-53	183	--	--	0	26	11	14	--	137	0
07S/14E-30E02 M	07-30-57	183	--	--	0	25	11	18	4.3	133	0
07S/14E-31C01 M	05-15-64	264	--	--	<10	24	8.1	19	8.0	127	0
07S/14E-31M01 M	09-08-58	(M)	18.0	45	--	64	24	20	2.8	352	0
07S/14E-31M01 M	07-08-59	(M)	18.0	62	--	62	25	53	3.3	360	0
07S/14E-31M01 M	07-26-60	(M)	19.0	42	--	15	26	46	3.0	176	22
07S/14E-31M01 M	07-19-61	(M)	17.0	64	--	54	25	43	2.7	337	0
07S/14E-31M01 M	06-25-62	(M)	19.0	59	--	20	21	48	4.2	218	8
07S/14E-31M01 M	08-08-63	(M)	20.0	--	--	--	--	46	--	--	--
07S/14E-31M01 M	07-15-65	(M)	19.0	--	--	21	24	48	--	227	8
07S/15E-18K01 M	09-12-58	550	20.0	49	--	21	15	22	4.2	162	0
07S/15E-18K01 M	07-13-59	550	20.0	71	--	22	10	18	6.4	142	0
07S/15E-18K01 M	08-15-60	550	21.0	52	--	23	11	20	5.0	123	12
07S/15E-18K01 M	07-12-61	550	21.0	74	--	22	11	16	5.7	142	0
07S/15E-18K01 M	07-26-62	550	21.0	--	--	--	--	18	5.6	--	--
07S/15E-18K01 M	08-07-63	550	21.0	--	--	--	--	18	--	--	--
07S/15E-18K01 M	07-15-65	550	21.0	--	--	23	11	17	--	125	8
07S/15E-18K01 M	05-23-66	550	21.0	--	--	31	--	--	--	126	10
07S/15E-27J01 M	05-15-50	350	--	--	--	30	13	24	--	161	0
07S/15E-27J01 M	08-12-53	350	--	--	0	20	8.1	32	--	149	0
07S/15E-27J01 M	04-28-55	350	--	--	40	26	10	26	5.5	140	0
07S/15E-27J01 M	08-10-65	350	--	--	40	34	14	28	6.0	187	0
07S/15E-27J01 M	07-15-66	350	--	--	<10	28	11	25	6.4	144	0
07S/15E-27N01 M	06-25-58	587	--	--	20	24	7.2	30	4.0	133	0
07S/15E-27N01 M	07-15-66	587	--	--	40	23	9.0	25	4.0	132	0
07S/15E-30E01 M	07-15-57	102	18.0	58	--	20	37	49	2.0	223	0
07S/15E-30E01 M	09-11-58	102	19.0	34	--	50	33	53	2.8	282	0
07S/15E-30E01 M	07-13-59	102	19.0	50	--	68	33	52	2.9	322	5
07S/15E-30E01 M	07-27-60	102	19.0	33	--	66	34	54	2.0	338	0
07S/15E-30E01 M	07-12-61	102	19.0	52	--	71	32	50	2.2	352	0
07S/15E-30E01 M	09-06-62	102	19.0	--	--	--	--	59	2.4	--	--
07S/15E-30E01 M	08-07-63	102	19.0	--	--	--	--	57	--	--	--
07S/15E-30E01 M	07-29-64	102	20.0	--	--	--	--	59	--	--	--
07S/15E-30E01 M	07-15-65	102	19.0	--	--	35	34	58	--	238	2
07S/15E-30E01 M	05-23-66	102	19.0	--	--	51	--	--	--	163	25
07S/15E-34R01 M	07-10-57	172	19.0	56	--	25	10	21	3.0	151	0
07S/15E-34R01 M	09-11-58	172	19.0	36	--	23	12	22	3.5	150	0
07S/15E-34R01 M	07-21-59	172	19.0	51	--	24	11	23	4.3	147	0
07S/15E-34R01 M	07-27-60	172	19.0	33	--	22	11	23	4.0	144	0
07S/15E-34R01 M	07-19-61	172	20.0	40	--	29	13	17	1.4	162	0
07S/16E-09H01 M	08-11-60	130	--	--	--	--	--	74	--	114	0
07S/16E-09H01 M	07-16-65	130	--	--	--	24	8.3	77	--	132	0
07S/16E-31B01 M	08-11-60	--	21.0	--	--	--	--	30	--	256	5
08S/11E-03J01 M	07-15-65	--	20.0	--	--	18	10	98	3.0	240	6
08S/12E-01H01 M	03-09-61	196	19.0	--	--	--	--	23	--	222	0
08S/12E-01H01 M	08-10-65	196	19.0	--	--	43	19	24	2.7	225	4
08S/12E-15D01 M	10-25-48	--	--	--	--	--	--	--	--	170	--
08S/12E-15D01 M	08-11-65	--	19.0	--	--	16	3.2	53	1.5	162	9
08S/13E-09J01 M	05-27-54	350	20.0	--	--	44	21	61	1.5	330	0
08S/13E-16H01 M	11-20-62	150	--	52	--	15	21	48	.6	197	9
08S/13E-16H01 M	07-18-63	150	--	57	--	50	25	47	.7	327	5
08S/13E-16H01 M	08-11-65	150	--	--	--	49	26	44	.9	299	23
08S/13E-19H01 M	04-17-67	117	--	--	--	--	--	25	--	250	0
08S/13E-19H01 M	05-24-67	117	--	--	--	--	--	--	--	262	15
08S/13E-28J01 M	03-07-61	90	19.0	--	--	--	--	25	--	241	0
08S/14E-02D01 M	07-10-57	(M)	21.0	44	--	22	7.5	29	2.5	155	0
08S/14E-02D01 M	09-09-58	(M)	20.0	30	--	17	13	28	2.4	160	0
08S/14E-02D01 M	07-27-59	(M)	20.0	39	--	21	8.4	28	3.5	155	0
08S/14E-02D01 M	08-16-60	(M)	20.0	28	--	20	10	33	3.0	130	16
08S/14E-02D01 M	07-18-61	(M)	21.0	40	--	23	7.9	29	2.4	160	0
08S/14E-02D01 M	07-23-62	(M)	21.0	--	--	--	--	30	2.7	--	--
08S/14E-02D01 M	08-21-63	(M)	21.0	--	--	--	--	31	--	--	--
08S/14E-02D01 M	05-23-66	(M)	21.0	--	--	33	--	--	--	157	10

Results in milligrams per liter--Continued											
Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B) (in micrograms per liter)	Dissolved solids: Sum of determined constituents	Dissolved solids: Residue on evaporation at 180°C	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Specific conductance (micromhos at 25°C)	pH
12	16	--	13	0	--	267	137	0	24	376	8.3
13	16	<.1	--	--	--	264	134	--	23	--	7.5
12	4.7	.0	2.9	--	--	212	110	--	22	--	7.7
32	7.0	.1	1.2	--	--	231	106	--	26	--	8.0
11	9.0	.1	--	--	--	230	92	--	29	--	8.0
26	22	.0	11	240	--	494	261	--	14	663	7.8
25	25	.0	7.5	0	440	--	256	0	31	632	7.7
25	23	.1	6.0	0	296	--	144	0	40	446	8.4
22	20	.2	9.7	70	407	--	238	0	28	605	7.8
14	20	.1	6.2	100	308	326	135	0	42	460	8.5
--	18	--	--	0	--	--	264	--	--	670	--
30	18	--	--	--	--	--	152	--	41	503	8.6
15	11	.2	8.0	200	--	244	115	--	29	327	7.6
11	11	.1	4.5	0	224	--	96	0	27	278	7.4
2.0	13	.0	12	0	211	--	100	0	29	295	8.4
9.7	8.0	.2	5.2	50	222	--	99	0	24	274	8.0
--	7.9	--	--	100	--	--	107	--	--	284	--
--	7.5	--	--	0	--	--	101	--	--	278	--
12	7.9	--	--	--	--	--	102	--	26	300	8.6
--	2.7	--	7.1	--	--	--	88	--	--	297	8.7
15	21	.0	4.4	--	--	242	126	--	29	--	7.6
12	11	.2	.8	--	235	--	83	--	46	--	7.9
10	18	.0	4.8	--	--	256	106	--	33	--	7.7
13	26	.2	--	--	--	270	142	--	29	--	7.3
13	16	<.1	26	--	--	242	116	--	31	--	7.7
23	11	.1	--	--	245	--	90	--	41	--	7.9
18	9.5	.1	12	--	--	216	94	--	35	--	7.9
85	12	.2	32	10	405	--	203	--	34	592	7.9
90	16	.1	40	700	--	541	261	--	30	703	7.9
94	15	.1	32	0	511	--	304	32	27	756	8.2
95	15	.0	35	400	503	--	308	31	28	756	7.9
76	13	.2	35	80	504	--	309	20	26	779	8.0
--	13	--	--	100	--	--	339	--	--	848	--
--	13	--	--	0	--	--	223	--	--	676	--
--	13	--	36	--	--	--	356	--	--	879	7.6
--	13	--	39	--	--	--	230	32	36	721	8.4
--	15	--	40	--	--	--	320	--	--	904	8.8
8.4	7.7	.3	11	40	216	--	105	--	30	302	8.0
4.0	12	.2	9.0	760	--	224	104	--	30	315	8.0
9.4	11	.1	8.6	0	214	--	104	0	31	294	8.1
10	11	.0	8.0	0	194	--	99	0	32	291	8.1
18	7.6	.3	4.1	40	210	--	128	0	22	317	7.5
--	72	--	--	340	--	--	93	--	--	543	8.1
48	73	--	--	--	--	--	94	--	64	573	7.8
--	11	--	--	40	--	--	193	--	--	450	8.4
24	51	--	5.8	200	--	420	88	0	70	610	8.5
--	14	--	--	60	--	--	171	--	--	420	8.3
19	17	--	4.4	0	243	286	186	0	22	455	8.4
10	7.1	--	--	--	--	190	--	--	--	270	--
8.7	7.8	--	.6	0	179	195	53	0	68	313	8.5
18	18	--	--	--	--	--	196	0	40	592	7.5
11	23	.1	3.6	100	280	310	125	0	46	430	8.6
15	24	.2	2.6	60	388	394	229	0	31	612	8.4
12	19	--	2.0	0	322	334	228	0	29	575	8.7
--	11	--	--	340	--	280	140	--	--	400	7.1
28	11	--	--	90	--	322	185	--	--	460	8.1
--	8.0	--	--	30	--	--	174	--	--	438	8.3
8.4	6.3	.2	7.4	30	203	--	86	--	41	294	8.1
4.0	11	.1	5.0	660	--	231	100	--	38	307	8.2
7.0	7.5	.1	5.1	0	196	--	87	0	40	292	7.7
11	13	.1	4.0	20	203	--	91	0	43	304	8.4
9.0	8.1	.2	6.9	60	206	--	90	0	40	296	7.8
--	7.7	--	--	100	--	--	93	--	--	318	--
--	7.8	--	--	0	--	--	96	--	--	325	--
--	8.8	--	6.8	--	--	--	96	--	--	367	8.8

State well number	Date of collection	Sampling depth (feet)	Water temperature (°C)	Results in milligrams per liter							
				Silica (SiO_2)	Iron (Fe) (in micrograms per liter)	Calcium (Ca)	Magnesium (Mg)	Sodium (Na)	Potassium (K)	Bicarbonate (HCO_3)	Carbonate (CO_3)
08S/14E-24A01 M	07-10-57	397	20.0	77	--	31	13	23	5.6	203	0
08S/14E-24A01 M	09-12-58	397	--	49	--	32	13	24	5.7	215	0
08S/14E-24A01 M	07-23-59	397	18.0	70	--	21	12	24	8.8	168	0
08S/14E-24A01 M	07-28-60	397	19.0	46	--	18	13	24	6.0	172	0
08S/14E-24A01 M	07-19-61	397	21.0	69	--	29	15	22	6.3	207	0
08S/14E-24A01 M	07-17-62	397	20.0	--	--	--	--	23	6.6	--	--
08S/14E-24A01 M	08-19-63	397	19.0	--	--	--	--	24	--	--	--
08S/14E-24A01 M	05-23-66	397	19.0	--	--	36	--	--	--	186	10
08S/15E-32P01 M	08-09-60	--	23.0	--	--	--	--	18	--	118	0
08S/15E-32P01 M	08-11-65	--	23.0	--	--	20	6.5	19	--	117	0
08S/15E-35Q01 M	08-09-60	--	--	--	--	--	--	23	--	130	0
08S/15E-35Q01 M	08-11-65	--	--	--	--	31	12	25	1.7	172	0
08S/16E-17P01 M	07-10-57	260	19.0	60	--	30	14	17	3.2	181	0
08S/16E-17P01 M	09-16-58	260	19.0	40	--	39	23	20	3.9	238	8
08S/16E-17P01 M	07-23-59	260	18.0	49	--	30	13	18	4.3	178	0
08S/16E-17P01 M	07-27-60	260	20.0	32	--	27	15	18	4.0	150	14
08S/16E-18R01 M	07-15-66	336	--	--	10	25	12	13	4.6	135	0
08S/16E-19D01 M	08-11-60	--	21.0	--	--	--	--	14	--	128	0
08S/16E-19D01 M	08-11-65	--	22.0	--	--	24	11	16	--	129	7
08S/16E-20D02 M	04-18-62	412	--	--	--	--	--	--	--	--	--
08S/16E-20D02 M	08-03-66	412	--	--	<10	28	11	18	3.0	155	0
08S/16E-26N01 M	08-11-60	184	--	--	--	--	--	27	--	150	0
08S/16E-26N01 M	08-12-65	184	--	--	--	22	7.7	25	--	124	4
08S/17E-20G01 M	08-11-60	127	--	--	--	--	--	37	--	94	0
08S/17E-20G01 M	08-12-65	127	23.0	--	--	24	5.5	37	--	90	0
09S/12E-01C01 M	07-10-62	197	21.0	51	--	33	31	28	.8	268	0
09S/12E-01C01 M	09-17-65	197	21.0	--	--	18	26	--	--	198	7
09S/12E-01C01 M	05-26-66	197	21.0	--	--	48	26	27	1.0	298	0
09S/12E-17B01 M	06-22-61	480	23.0	33	--	21	1.8	144	1.5	161	0
09S/12E-17B01 M	07-11-62	--	23.0	--	--	--	--	150	1.6	--	--
09S/12E-17B01 M	08-28-63	480	21.0	26	--	24	2.7	160	1.3	160	0
09S/13E-08G01 M	06-21-61	400	22.0	73	--	23	9.6	81	1.1	244	0
09S/13E-08G01 M	07-11-62	400	23.0	--	--	--	--	68	1.6	--	--
09S/13E-09A01 M	10-27-47	--	21.0	--	--	--	--	--	--	180	--
09S/13E-29L01 M	06-21-61	(M)	23.0	42	--	74	18	93	1.7	175	0
09S/13E-29L01 M	07-11-62	(M)	23.0	--	--	--	--	93	1.8	--	--
09S/13E-29L01 M	07-17-63	(M)	23.0	37	--	54	17	90	1.3	132	0
09S/13E-33C01 M	08-25-65	932	--	--	--	18	3.6	37	1.6	133	0
09S/13E-33P01 M	10-28-64	116	--	--	--	--	--	--	--	42	0
09S/13E-33P01 M	09-16-65	116	22.0	--	--	225	57	163	5.2	40	0
09S/14E-01B01 M	07-07-61	345	--	29	--	16	2.7	30	3.8	116	0
09S/14E-01B01 M	01-14-66	345	22.0	--	--	16	5.4	30	3.3	126	0
09S/14E-01B02 M	07-07-61	190	--	70	--	21	5.2	24	6.1	123	0
09S/14E-01B02 M	01-18-66	190	22.0	--	--	17	7.2	23	5.4	118	0
09S/14E-01B03 M	07-07-61	68	--	68	--	27	7.2	35	4.1	153	0
09S/14E-01B03 M	01-15-66	68	22.0	--	--	30	8.5	28	3.1	156	4
09S/14E-20B02 M	06-22-61	(M)	20.0	59	--	86	13	46	4.2	245	0
09S/14E-20B02 M	07-11-62	(M)	20.0	60	--	65	14	47	3.7	200	0
09S/14E-20B02 M	06-27-63	(M)	23.0	--	10	--	--	--	--	--	--
09S/14E-20B02 M	09-17-65	(M)	21.0	--	--	31	17	50	--	117	0
09S/14E-30J01 M	03-07-61	227	21.0	--	--	--	--	32	--	145	0
09S/15E-29C01 M	08-12-65	115	22.0	--	--	73	22	33	4.0	289	0
09S/16E-07C01 M	07-25-70	292	--	--	--	20	4.0	22	--	82	0
10S/13E-01A01 M	07-08-61	219	--	70	--	68	11	34	4.3	229	0
10S/13E-01A01 M	07-07-62	219	--	--	--	--	--	34	4.3	--	--
10S/13E-01A01 M	07-23-63	219	--	49	--	60	9.0	39	4.5	223	0
10S/13E-01A01 M	05-27-66	219	21.0	--	--	43	6.3	32	3.4	165	1
10S/13E-10G01 M	11-30-64	198	--	--	--	489	85	125	10	49	0
10S/13E-10J01 M	05-27-66	426	23.0	--	--	7.6	.0	47	1.5	94	5
10S/13E-10R01 M	03-08-61	196	19.0	--	--	--	--	45	--	112	0
10S/13E-10R01 M	05-26-66	196	19.0	--	--	544	90	125	15	116	0
10S/13E-10R01 M	05-27-66	196	19.0	--	--	536	90	122	16	94	0
10S/13E-11P01 M	10-23-64	200	19.0	--	--	59	13	52	4.9	119	0
10S/13E-11P01 M	09-16-65	200	21.0	--	--	44	13	49	5.0	86	0
10S/13E-15A01 M	10-23-64	200	--	--	--	--	--	--	--	93	0
10S/13E-15A01 M	05-26-66	200	19.0	--	--	551	--	--	--	52	0

Results in milligrams per liter--Continued											
Sulfate (SO_4)	Chloride (Cl)	Fluoride (F)	Nitrate (NO_3)	Boron (B) (in micrograms per liter)	Dissolved solids: Sum of determined constituents	Dissolved solids: Residue on evaporation at 180°C	Hardness as $CaCO_3$	Noncarbonate hardness as $CaCO_3$	Percent sodium	Specific conductance (micromhos at 25°C)	pH
7.9	3.9	.2	5.5	10	267	--	131	--	27	348	8.1
11	7.0	.0	5.0	180	--	294	135	--	27	384	7.9
8.6	8.5	.1	4.1	0	240	--	103	0	32	297	8.1
8.0	7.0	.0	4.0	90	212	--	97	0	33	306	8.3
7.2	4.8	.2	6.4	40	262	--	133	0	25	348	7.9
--	3.2	--	--	90	--	--	148	--	--	387	--
--	3.3	--	--	0	--	--	170	--	--	437	--
--	3.9	--	9.4	--	--	--	142	--	--	456	8.7
--	6.1	--	--	60	--	--	77	--	--	245	8.1
--	6.5	--	7.8	--	--	--	77	0	35	247	8.0
--	12	--	--	40	--	--	93	--	--	282	8.1
7.4	16	--	10	0	187	228	127	0	30	352	8.3
11	5.4	.2	4.7	20	234	--	132	--	21	322	8.1
13	10	.1	3.0	680	--	324	191	--	18	440	8.3
11	5.6	.1	2.7	0	222	--	130	0	23	319	7.7
12	8.0	.2	3.0	0	208	--	129	0	23	315	8.4
14	4.5	<.1	4.4	--	--	204	108	--	19	--	7.9
--	6.2	--	--	30	--	--	92	--	--	246	8.2
--	5.9	--	5.8	--	--	--	106	0	25	279	8.6
--	--	.2	--	--	--	--	--	--	--	--	--
14	5.8	.2	2.7	--	--	203	116	--	25	--	7.5
--	8.2	--	--	--	--	--	99	--	--	305	8.2
--	8.4	--	6.9	--	--	--	87	0	39	283	8.5
--	25	--	--	40	--	--	89	--	--	357	8.0
--	23	--	21	--	--	--	83	9	49	350	8.1
26	14	.3	4.8	40	321	291	211	0	22	503	8.2
--	11	--	--	--	--	--	154	0	--	394	8.6
25	12	--	6.0	0	--	310	229	0	20	535	8.2
62	130	.6	.6	100	474	--	60	0	84	815	8.2
--	135	--	--	60	--	--	65	--	--	830	--
69	148	.2	.0	100	510	488	77	0	83	810	8.2
25	29	.4	3.6	80	366	--	97	0	64	531	7.9
--	20	--	--	60	--	--	66	--	--	421	--
28	18	--	--	--	--	260	--	--	--	350	--
5.4	221	.5	.9	100	543	--	261	117	44	990	8.1
--	281	--	--	40	--	--	337	--	--	1160	--
10	197	.2	.0	100	471	494	205	97	49	785	8.0
3.4	19	--	.6	0	148	207	60	0	57	272	8.3
--	757	--	--	--	--	--	741	--	--	2470	7.9
30	767	--	8.4	0	--	2230	797	764	31	2610	7.6
14	6.4	.2	.8	40	160	--	51	0	54	233	8.2
10	6.9	--	.3	0	--	167	62	0	50	256	8.2
14	7.7	.2	6.1	40	214	--	74	0	39	262	8.2
9.2	6.7	--	7.5	0	--	220	72	0	39	256	8.2
24	12	.3	10	50	263	--	97	0	43	360	7.9
6.7	13	--	11	0	--	266	110	0	35	346	8.5
11	111	.2	8.2	100	459	--	269	68	27	759	7.8
9.4	101	.1	9.1	50	407	414	219	55	31	682	7.7
--	--	--	--	--	--	--	--	--	--	--	--
--	101	--	12	--	--	--	149	--	42	600	8.3
--	42	--	--	40	--	--	120	--	--	412	7.9
8.1	58	--	18	0	--	413	272	35	21	667	8.2
26	18	--	9.4	<10	--	135	66	--	42	--	7.6
30	35	.1	24	50	388	--	215	27	25	564	7.8
--	36	--	--	90	--	--	180	--	--	529	--
14	38	.1	27	0	351	366	187	5	31	490	8.0
8.4	34	--	10	0	--	290	133	0	34	418	8.4
10	1300	.1	1.0	0	--	2780	1570	1530	15	3500	7.6
5.8	20	--	.8	0	--	164	19	0	83	238	8.6
--	211	--	--	30	--	--	298	--	--	903	8.0
14	1340	--	4.8	0	--	2940	1730	1630	13	4310	7.9
14	1330	--	2.7	0	--	3170	1710	1630	13	4290	7.9
13	146	--	5.8	0	--	482	202	104	35	720	7.6
12	136	--	4.2	0	--	479	163	93	39	641	8.3
--	1390	--	--	--	--	--	1590	--	--	4370	7.7
--	1590	--	--	--	--	--	1630	--	--	5210	7.8

Table 3.--*Wells canvassed*

Listing of well numbers for all wells canvassed by the U.S. Geological Survey through April 1971. Only those wells for which pertinent data are available are tabulated in table 1. Data for wells that are not listed in table 1 are in the files of the U.S. Geological Survey, 2800 Cottage Way, Sacramento, Calif.

1S/11E-36F1	2S/10E-26N1	2S/11E-30C1	3S/ 7E-24J1
1S/12E-28P1	27H1	30M1	24M1
31P1	27J1	31P1	24R1
34N1	28E1	32A1	25P1
2S/ 7E-36P1	28P1	32F1	27F1
2S/ 8E-25P1	29B1	32H1	29G1
27N1	29E1	32L1	33C1
33F1	29J1	35K1	3S/ 8E- 1M1
34M1	29N1	2S/12E- 4M1	1N1
2S/ 9E-25R1	30B1	5K1	1N2
26F1	30E1	7G1	2M1
26F2	31C1	8R1	2N1
28N1	31N1	9L1	3M1
30F1	31P1	10G1	3N1
31G1	32R1	15R1	4L1
34P1	33C1	17K1	4M1
36N1	33H1	18K1	6D1
2S/10E-11G1	33J1	21E1	6N1
11N1	34N1	23D1	7A1
12K1	35M1	25K1	7C1
12Q1	35R1	27E1	7C2
13L1	36P1	29H1	7D1
14F1	36P2	31G1	7Q1
14F2	2S/11E- 2N1	31L1	8D1
15A1	4P1	32P1	8D2
15D1	7B1	35C1	8Q1
15F1	7K1	36M1	9C1
15N1	9E1	2S/13E- 7Q1	9P1
16M1	9M1	19A1	11J1
20C1	11D1	19N1	11N1
21N1	12H1	20Q1	12H1
22A1	13K1	27C1	13F1
22P1	14F1	3S/ 7E- 9P1	13J1
23E1	17J1	13A1	14B1
23F1	18Q1	13H1	14M1
23F2	19K1	15Q1	14N1
23R1	20P1	16R1	15Q1
24P1	21G1	21H1	16A1
24R1	26D1	22N1	16E1
25C1	27A1	23F1	16R1
25J1	29B1	23F2	17B1
26F1	29M1	23H1	17C1

Table 3.--Continued

3S/ 8E-17L1
17N1
17R1
17R2
18C1
18J1
18K1
19C1
19Q1
20E1
20E2
20J1
20Q1
20R1
21Q1
21Q2
22C1
22C2
22F1
22P1
23B1
23E1
23H1
24C1
24C2
26J1
27H1
28Q1
29E1
29K1
30K1
30L1
31D1
31G1
31P1
31R1
32A1
32C1
34B1
3S/ 9E- 2P1
3D1
4F1
5C1
5J1
5Q1
5Q2
6R1
7C1
7M1
8D1
8K1
8N1

3S/ 9E- 9J1
9J2
9P1
10G1
11M1
13K1
14P1
15P1
15R1
16E1
16N1
16N2
16P1
17D1
17F1
17N1
17P1
17Q1
18M1
19B1
19C1
19J1
20C1
20J1
20K1
20M1
21A1
21H1
21L1
21P1
22N1
23E1
24H1
25R1
26A1
26N1
28C1
28J1
28K1
28M1
28M2
28M3
28M4
28R1
29B1
29B2
29D1
29D2
29G1
29G2
29G3
29L1

3S/ 9E-29P1
29P2
29P3
29Q1
30B1
30E1
30P1
30Q1
31F1
31Q1
32A1
32A2
32A3
32A4
32F1
32G1
32P1
33A1
33A2
33N1
33N2
33P1
34A1
34B1
34E1
34P1
35A1
3S/10E- 1D1
1F1
1G1
1J1
2D1
2F1
4A1
4C1
4G1
4H1
4R1
5L1
6B1
6G1
7A1
8B1
8D1
9J1
9L1
10A1
10H1
11B1
11C1
11R1
12D1

3S/10E-12L1
13A1
13C1
13D1
14A1
14L1
14N1
15A1
15B1
15D1
15K1
15R1
16A1
17K1
18P1
18Q1
22G1
23A1
25A1
26E1
26M1
27J1
28C1
28R1
29K1
29L1
29N1
30P1
30R1
32D1
32G1
34A1
35P1
36A1
3S/11E- 1B1
3B1
4N1
5A1
6C1
7C1
9A1
13R1
14P1
18D1
18L1
19C1
20G1
22D1
25K1
26P1
27G1
27M1

Table 3.--Continued

3S/11E-27R1
28G1
28K1
28Q1
29L1
31K1
33L1
34C1
34C2
34D1
34K1
34R1
35D1
36L1
3S/12E- 3B1
6C1
10R1
12K1
14B1
15H1
18K1
19G1
20P1
24A1
26J1
27M1
31N1
33E1
36Q1
3S/13E- 1Q1
3A1
4L1
7A1
9K1
10F1
14P1
20Q1
22N1
24M1
25M1
26B1
27L1
27P1
29M1
30F1
31K1
31L1
33B1
33N1
34H1
35L1
3S/14E- 7J1

3S/14E-18R1
4S/ 7E- 2G1
12K1
24A1
25C1
4S/ 8E- 1C1
1C2
1D1
1R1
2H1
3C1
3E1
3F1
3K1
4E1
4G1
4N1
5P1
6K1
6L1
13H1
13P1
14D1
17B1
17C1
20K1
22R1
24A1
24A2
26R1
27H1
27M1
30B1
30D1
34D1
35J1
36B1
4S/ 9E- 2D1
2D2
2D3
2F1
3B1
3D1
4D1
4F1
4J1
5A1
5F1
5H1
5J1
5N1
5P1

4S/ 9E- 6D1
6K1
6M1
6Q1
6R1
7P1
8A1
8G1
8K1
8M1
9B1
9B2
9D1
9K1
9Q1
10D1
10L1
10L2
11D1
12E1
13H1
13J1
14L1
15C1
16D1
19A1
19H1
19N1
19N2
20A1
21A1
22C1
22L1
23F1
23F2
24M1
24Q1
25H1
25H2
26L1
27H1
27Q1
28J1
29E1
30Q1
32J1
35E1
36E1
4S/10E- 1D1
2M1
3A1
3N1

4S/10E- 4C1
6Q1
8C1
10D1
10D2
10F1
12A1
13E1
14H1
17J1
21A1
21E1
21R1
22B1
22H1
22K1
23C1
24B1
25F1
27P1
29B1
30Q1
31B1
32N1
33C1
33J1
35R1
4S/11E- 1E1
3B1
3C1
4C1
5M1
6B1
6P1
7D1
8A1
10D1
10M1
10N1
10N2
11H1
13F1
15J1
16J1
18A1
19G1
20G1
20M1
21D1
22R1
26F1
28J1

Table 3.--Continued

4S/11E-30K1
31E1
31J1
32N1
32P1
34H1
36N1
4S/12E- 1P1
2C1
3D1
3J1
6G1
7J1
8G1
9Q1
15F1
16A1
17G1
19N1
21G1
25B1
26C1
27E1
30Q1
33M1
35M1
36L1
36P1
4S/13E- 3D1
4A1
9H1
11D1
12M1
15D1
17D1
18J1
20M1
23C1
27C1
28Q1
29P1
30P1
34P1
36N1
4S/14E- 6P1
8J1
17J1
18H1
20G1
21P1
22L1
26E1
4S/14E-30H1
31N1
32P1
33H1
35E1
4S/15E-30P1
32M1
32N1
5S/ 8E- 1P1
1R1
2R1
3A1
3B1
11A1
13A1
24B1
5S/ 9E- 1Q1
3H1
4A1
4C1
4E1
6B1
6B2
6E1
6R2
7B1
8M1
9A1
9G1
10N1
10P1
11L1
13G1
14E1
14H1
14R1
16G1
16H1
16N1
17J1
17Q1
18D1
20K1
21B1
22N1
23C1
23K1
24J1
25B1
25R1
26G1
27H1
5S/ 9E-28E1
30N1
32Q1
32Q2
33A1
33R1
33R2
34J1
34K1
35K1
35Q1
35R1
36R1
5S/10E- 1A2
1F1
2Q1
3C1
4F1
4N1
5D1
8M1
9G1
9J1
9N1
10J1
10N1
11A1
11G1
11J1
11J2
11J3
11R1
12N1
13D1
13D2
13G1
14A1
14B1
14E1
15H1
15J1
15L1
15L2
15N1
16G1
17A1
17E1
17N1
17R1
17R2
20A1
21K1
21Q1
5S/10E-22F1
22F2
22G1
22K1
22R1
23C1
23E1
24C1
24K1
25N1
25P1
25R1
26H1
26N1
26R1
27B1
27B2
27P1
28H1
29A1
30F1
31B1
32A1
33F1
34J1
35D1
35R1
36K1
5S/11E- 3D1
4R1
6G1
6J1
6Q1
7D1
7P1
8B1
8M1
9R1
11A1
11L1
12A1
15M1
16A1
17J1
17R1
18Q1
19L1
19R1
21P1
23R1
25A1
26Q1

Table 3.--Continued

5S/11E-27K1
29F1
30K1
32N1
33M1
33M2
33M3
33N1
35D1
35E1
35R1
35R2
36D1
36M1
5S/12E- 1M1
2G1
4C1
6D1
9M1
11G1
13N1
16R1
19B1
22J1
25L1
29H1
30F1
30Q1
31G1
31M1
31N1
31Q1
32Q1
33R1
36H1
5S/13E- 3K1
7F1
8C1
8G1
10P1
11C1
15L1
16K1
18K1
19Q1
23P1
27D1
32K1
34G1
36F1
36F2
5S/14E- 3P1
5S/14E- 4P1
8R1
10G1
16G1
18E1
18K1
20R1
29K1
34H1
5S/15E- 5P1
7A1
16C1
6S/ 9E- 1B1
1C1
1D1
1Q1
2B1
2C1
9J1
10C1
12B1
12G1
12H1
12R1
12R2
13H1
14B1
14E1
15B1
18E1
19D1
22L1
26H1
27Q1
6S/10E- 1D1
2H1
2P1
3A1
3C1
4D1
4N1
5C1
5D1
5N1
5R1
6K1
7Q1
8A1
8H1
9B1
9Q1
9Q2
6S/10E-10G1
11E1
11G1
11N1
12K1
14F1
14G1
14H1
15F1
15P1
15Q1
16B1
16D1
17H1
18J1
19C1
19G1
20J1
20P1
21E1
21F1
21N1
23G1
23N1
23P1
24L1
26D1
28K1
29D1
29G1
29G2
32D1
32F1
36H1
6S/11E- 1F1
1Q1
2J1
2J2
2L1
2R1
2R2
3B1
3C1
3H1
3L1
4C1
4L1
5C1
5Q1
6Q1
7A1
7E1
6S/11E- 7Q1
7Q2
8M1
9A1
9C1
9E1
9E2
9M1
9Q1
10B1
10B2
10E1
10J1
10N1
11C1
11G1
15B1
15R1
16H1
16J1
16J2
17C1
17C2
19H1
19M1
19M2
20C1
22D1
24H1
25D1
25R1
26E1
26Q1
27A1
27G1
27K1
28A1
29G1
32A1
33L1
34E1
34K1
34Q1
36D1
36P1
6S/12E- 4M1
5D1
6B1
6L1
6N1
8D1
8D2

Table 3.--Continued

6S/12E- 9D1
12F1
16A1
17N1
21H1
21N1
21N2
22P1
23H1
23K1
24L1
26D1
26D2
26N1
26N2
27B1
27F1
27H1
28A1
28H1
29F1
29J1
29L1
29L2
30H1
31C1
31M1
31R1
32M1
33D1
33M1
33Q1
33R1
34D1
34E1
35G1
35K1
35L1
36F1
36H1
6S/13E- 4H1
5J1
6N1
6R1
18D1
18E1
19B1
26K1
28A1
31F1
31N1
32N1

6S/13E-32N2
32P1
32P2
33R1
36G1
36Q1
6S/14E-20N1
28P1
29E1
29J1
32D1
6S/15E- 3Q1
4F1
8E1
10Q1
14K1
21D1
27P1
29N1
34E1
7S/ 9E- 2D1
3J1
3J2
12K1
7S/10E- 1N1
3R1
4N1
7L1
9J1
14P1
18J1
19G1
21F1
22H1
22R1
23D1
23K1
24A1
24H2
25M1
36D1
7S/11E- 1A1
1H1
2D1
2J1
3D1
4M1
4R1
5A1
6A1
7H1
7H2

7S/11E- 8G1
10B1
10E1
10K1
12M1
12Q1
13B1
14A1
14G1
15H1
16A1
16K1
17E1
17L1
21D1
21P1
22B1
24A1
24D1
24E1
28E1
31C1
33E1
35G1
36F1
7S/12E- 1C1
1J1
1L1
1M1
1M2
1N1
1P1
1Q1
2N1
3F1
3J1
4F1
4F2
5E1
6H1
6H2
6M1
6N1
6R1
7C1
7F1
7J1
8E1
8G1
8R1
9C1
9R1

7S/12E-10F1
10F2
11E1
11E2
11G1
12N1
14C1
15B1
16B1
16C1
16N1
17D1
17G1
18D1
18E1
18J1
19A1
19A2
19Q1
20A1
22H1
22N1
23D1
24J1
25A1
28C1
29F1
29K1
29R1
30K1
32C1
7S/13E- 4P1
5K1
6A2
6E1
6J1
6Q1
7E1
7Q1
10N1
11D1
12E1
15G1
16N1
17E1
18B1
18E1
19H1
19L1
20M1
21K1
22C1

Table 3.--Continued

7S/13E-22H1
24C1
24Q1
29G1
30M1
30R2
32A1
34H1
36F1
7S/14E- 2F1
5A1
9R1
11D1
12N1
14J1
15B1
15H1
16L1
16L2
16P1
19B1
19B2
19J1
22F1
22Q1
24H1
25H1
26H1
28A1
28A2
28R1
29R1
29R2
30E1
30E2
31C1
31J1
31M1
33D1
33H1
34L1
35B1
35R1
7S/15E- 4F1
7L1
11N1
13F1
14M1
16J2
18K1
20J1
22H1
7S/15E-23E1
25F1
27F1
27J1
27K1
27N1
28M1
29A1
29G1
29Q1
30E1
32A1
33A2
34R1
7S/16E- 5H1
8E1
9H1
18R1
19J1
21H1
31B1
32H1
34G1
8S/11E- 3J1
4G1
4H1
8R1
10A1
20H1
36F1
8S/12E- 1H1
6M1
9H1
13R1
15D1
16J1
19D1
28A1
31C1
31E1
31F1
31M1
31Q1
8S/13E- 3Q1
4H1
9J1
15N1
16A1
16G1
16H1
16J1
19H1
8S/13E-20F1
22F1
24B1
24G1
24K1
26C1
28A1
28J1
30J1
30R1
31A1
31H1
32H1
32R1
34L1
36H1
36J1
8S/14E- 2D1
2P1
4R1
5A2
6D1
6Q1
8C1
9H1
10H1
11A1
11K1
12A2
13A1
13L1
14B1
14D2
15M1
18H1
20J1
21H1
22A1
24A1
28A1
30G1
31J1
33R1
35N1
8S/15E- 4P1
5F1
5L1
6H1
7J1
11G1
12H1
14A1
8S/15E-14L1
15P1
16C1
16P1
16Q1
17P1
20F1
20L1
22N1
24C1
24R1
25J1
26L1
27D1
27D2
28R1
29L1
32P1
33R1
35Q1
8S/16E- 6G1
9M1
12E1
14K1
17P1
18R1
19D1
20D2
21B1
21J1
21R1
22D1
23Q1
26N1
30R1
31E1
32A1
34J1
36C1
8S/17E-20D1
20G1
27F1
30B1
31K1
9S/11E-13B1
9S/12E- 1C1
1E1
1H1
2K1
2M1
3C1
3N1

Table 3.--Continued

9S/12E- 4D1
4G1
4L1
5C1
5D1
5N1
5P1
5R1
6C1
8H1
8M1
8P1
8Q1
9K1
11N1
11R1
12A1
12R1
13G1
13R1
14C1
14E1
16F1
17B1
17M1
24A1
24C1
24Q1
25L1
25M1
26G1
9S/13E- 1A1
1J1
1R1
2A1
2D1
2Q1
4G1
5E1
6H1
7H1
8G1
8P1
8R1
9A1
10H1
10P1
10Q1
11K1
12J1
13G1
14H1

9S/13E-14P1
15F1
15H1
16E1
16M1
17C1
17F1
17F2
17H1
18A1
18H1
19P1
20E1
21G1
21E1
21K1
21L1
21M1
22H1
22J1
22P1
23C1
23F1
23J1
24J1
25D1
25H1
26L1
26L2
27A1
27M1
27M2
28J1
28L1
28R1
29J1
29L1
30N1
31D1
32A1
32P1
33C1
33P1
33P2
33R1
34L1
35P1
9S/14E- 1A1
1B1
1B2
1B3
4B1

9S/14E- 6D1
7A1
10D1
10M1
11C1
11L1
11P1
13J1
14E1
15L1
15P1
15P2
18A1
18F1
18L1
19E1
20B2
20R1
22C1
23A1
23H1
24B1
25R1
26J1
27H1
27R1
29H1
30G1
30J1
33A1
9S/15E- 1A1
3C1
4J1
4R1
5A1
9H1
9K1
10J1
12C1
12C2
12D1
13E1
13E2
14A1
15C1
15J1
21Q1
29C1
30A1
30H1
9S/16E- 7C1
8N1

9S/16E- 9L1
12F1
9S/17E- 4K1
5M1
6J1
10S/13E- 1A1
1A2
1H1
1J1
1P1
1R1
2A1
2C1
2J1
2L1
2R1
3F1
3L1
3P1
4H1
4R2
5J1
5L1
6R1
7K1
8C1
8E1
8F1
8K1
8R1
9K1
9N1
10A1
10G1
10J1
10R1
11E1
11P1
12B1
14C1
14F1
14M1
15A1
15C1
15C2
16D1
16K1
22F1
22F2
10S/14E- 5C1
5C2

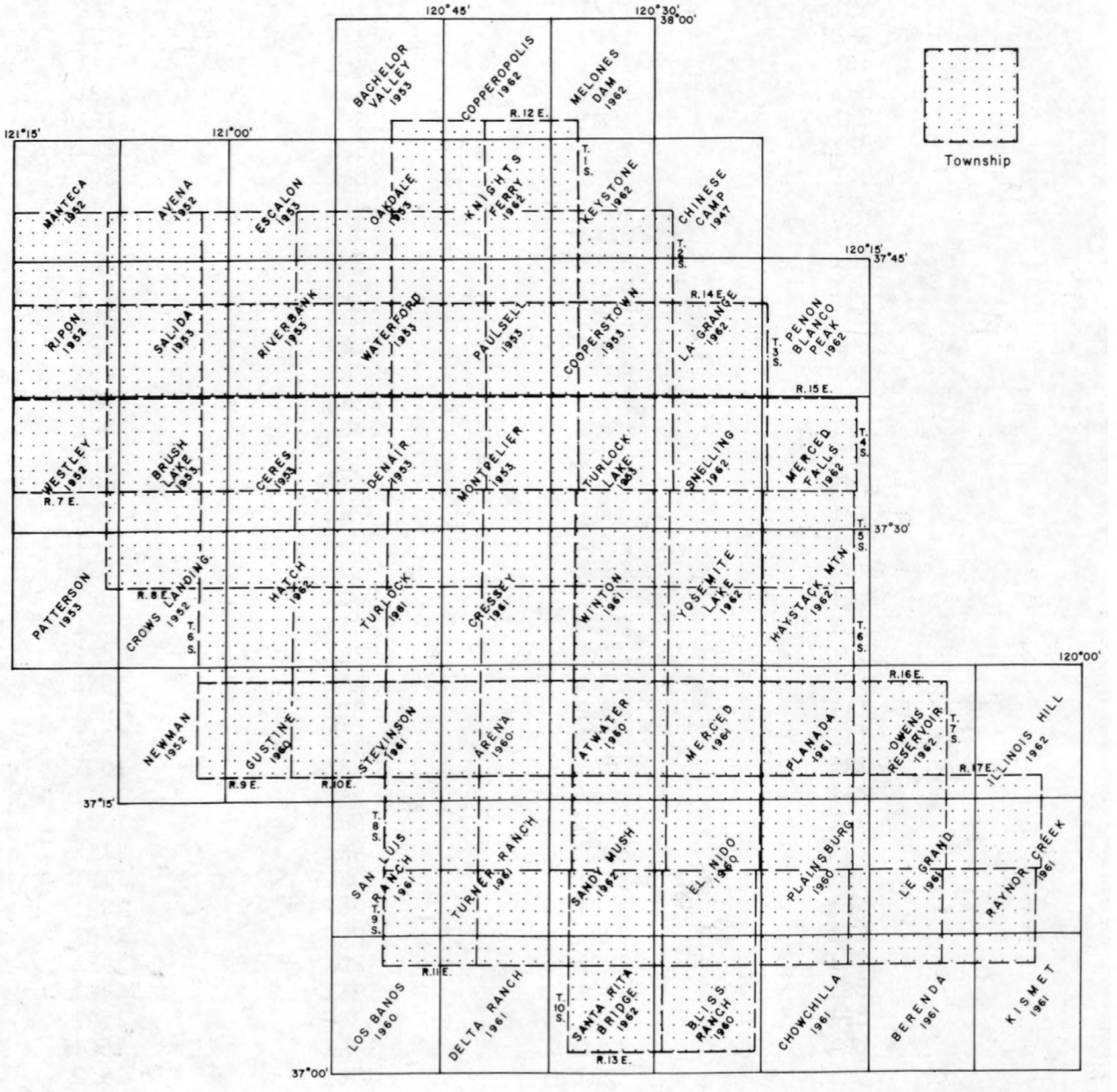


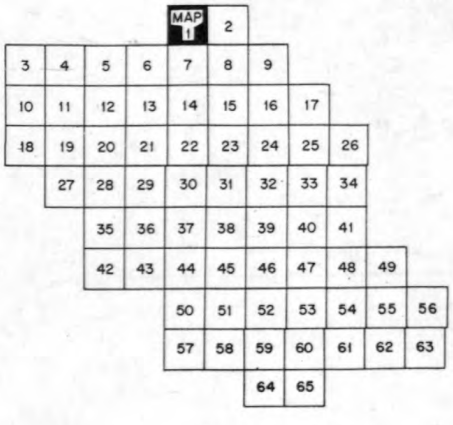
FIGURE 3.—Index of U.S. Geological Survey topographic quadrangle maps, 7½ minute series, shading covers area of 65 township base maps.

Table 4.--*Index to township maps*

Map numbers correspond to small index maps on maps 1-65

Township/Range	Map number	Township/Range	Map number
1S/11E	1	6S/ 9E	35
1S/12E	2	6S/10E	36
		6S/11E	37
2S/ 7E	3	6S/12E	38
2S/ 8E	4	6S/13E	39
2S/ 9E	5	6S/14E	40
2S/10E	6	6S/15E	41
2S/11E	7		
2S/12E	8	7S/ 9E	42
2S/13E	9	7S/10E	43
		7S/11E	44
3S/ 7E	10	7S/12E	45
3S/ 8E	11	7S/13E	46
3S/ 9E	12	7S/14E	47
3S/10E	13	7S/15E	48
3S/11E	14	7S/16E	49
3S/12E	15		
3S/13E	16	8S/11E	50
3S/14E	17	8S/12E	51
		8S/13E	52
4S/ 7E	18	8S/14E	53
4S/ 8E	19	8S/15E	54
4S/ 9E	20	8S/16E	55
4S/10E	21	8S/17E	56
4S/11E	22		
4S/12E	23	9S/11E	57
4S/13E	24	9S/12E	58
4S/14E	25	9S/13E	59
4S/15E	26	9S/14E	60
		9S/15E	61
5S/ 8E	27	9S/16E	62
5S/ 9E	28	9S/17E	63
5S/10E	29		
5S/11E	30	10S/13E	64
5S/12E	31	10S/14E	65
5S/13E	32		
5S/14E	33		
5S/15E	34		

MAP 1

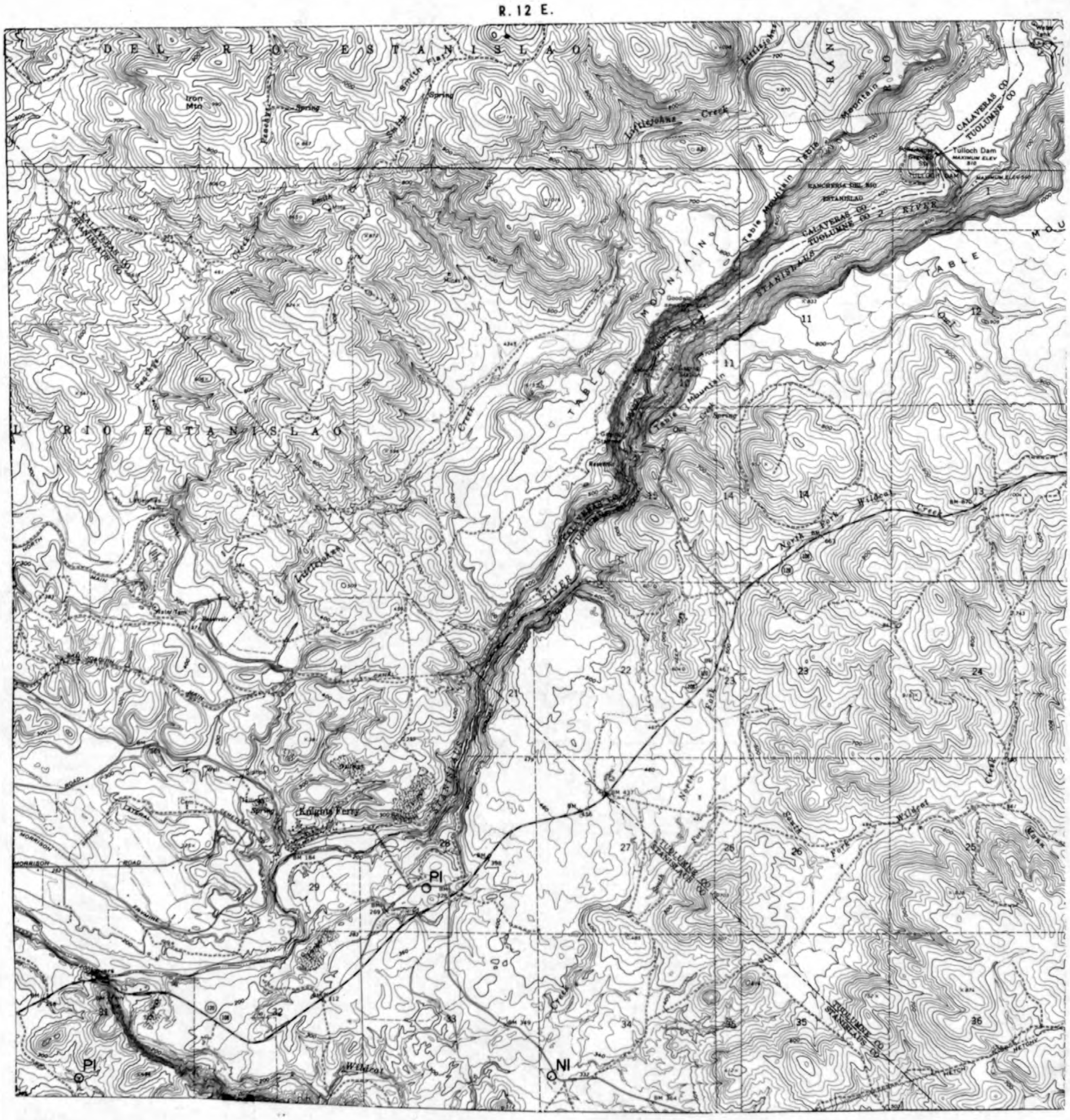


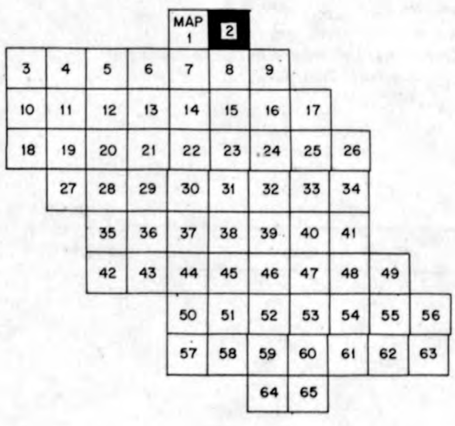
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET





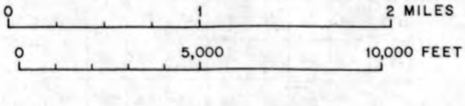
○A1,2,3

Well location

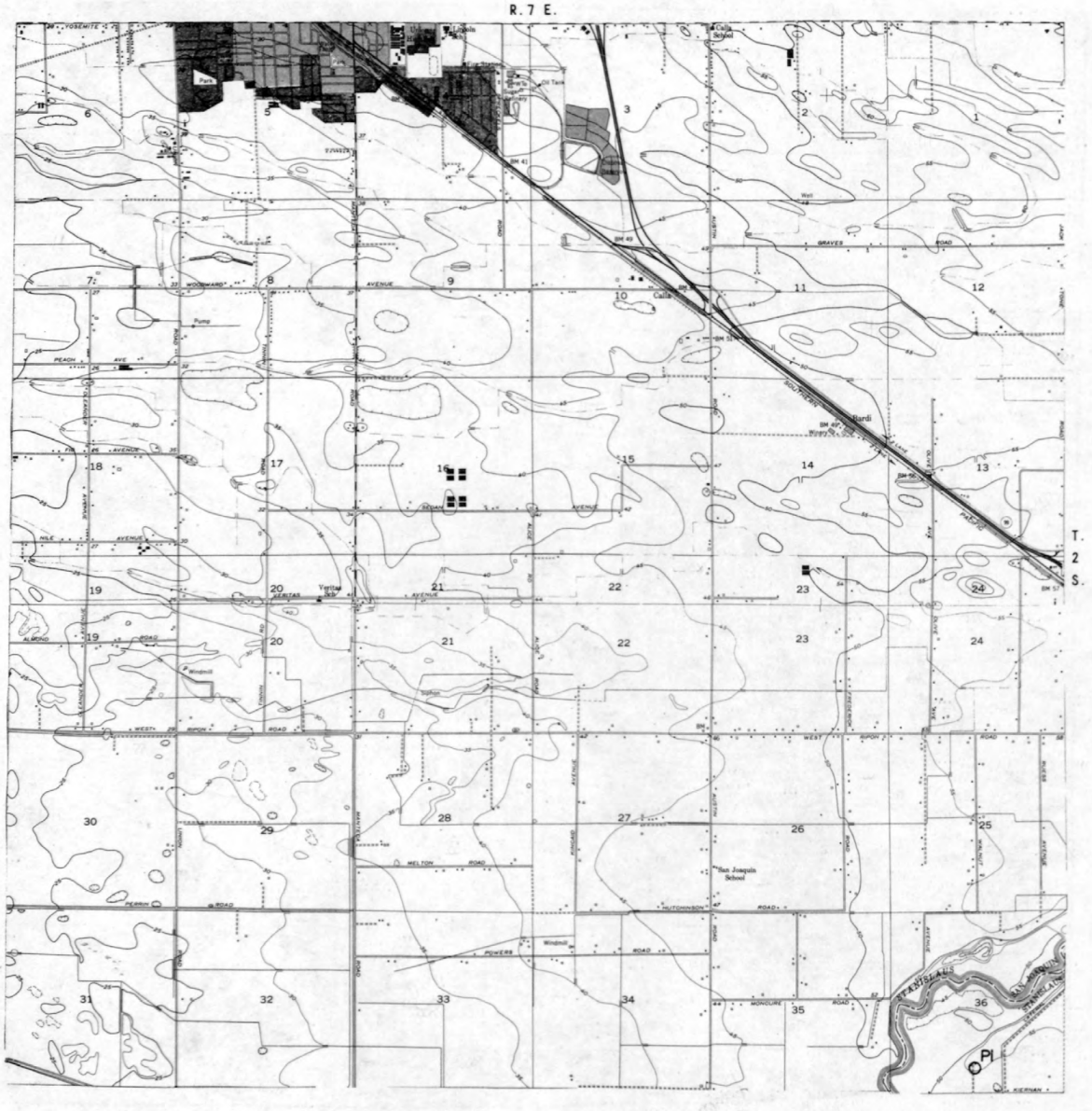
Consecutive numbers indicate more than one well located within circle

ϕ

Site of destroyed well



MAP 3



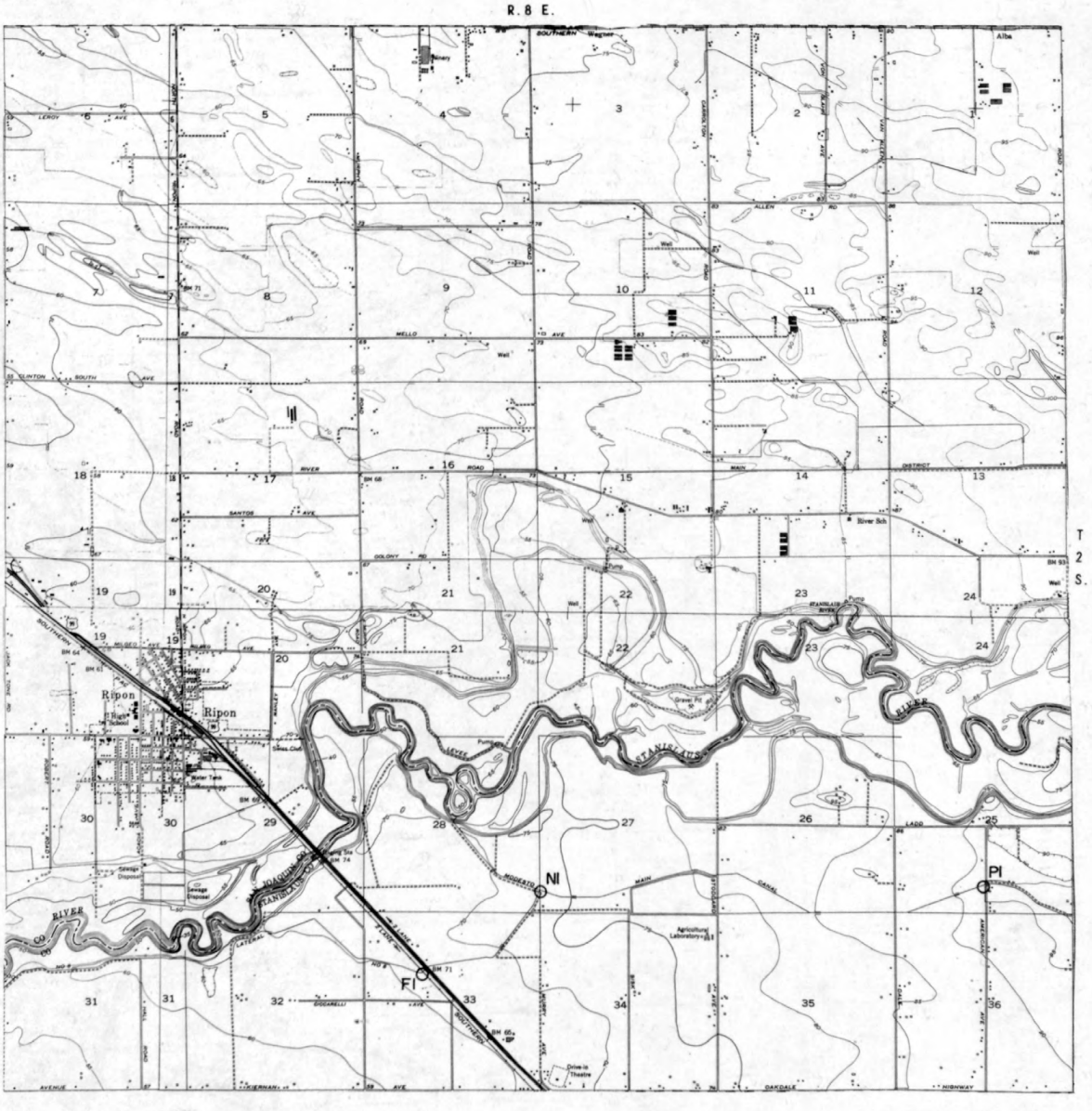
				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES
0 5,000 10,000 FEET

MAP 4



				MAP 1	2				
3	4	5	6	7	8	9			
10	11	12	13	14	15	16	17		
18	19	20	21	22	23	24	25	26	
	27	28	29	30	31	32	33	34	
		35	36	37	38	39	40	41	
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

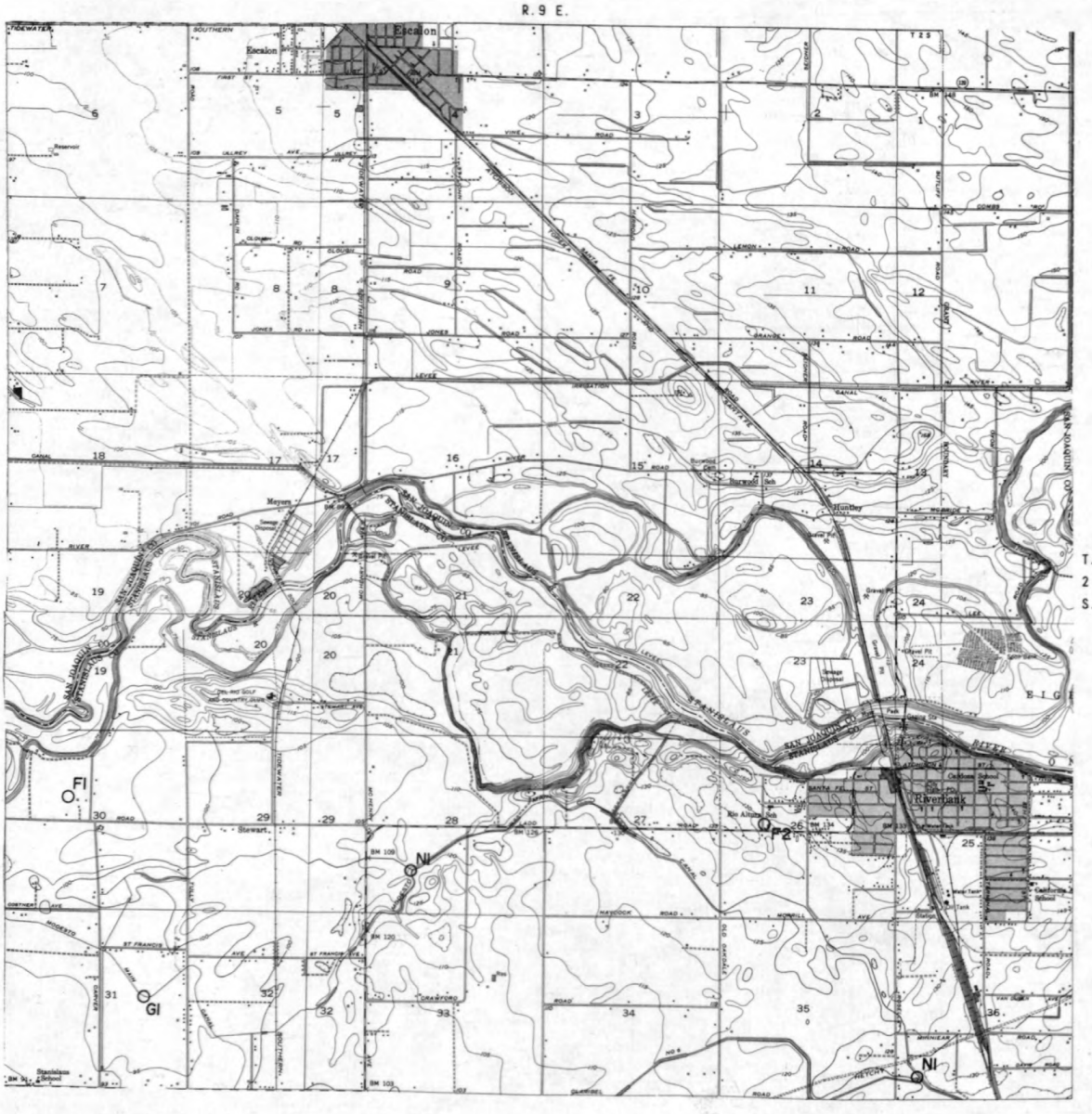
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

MAP 5



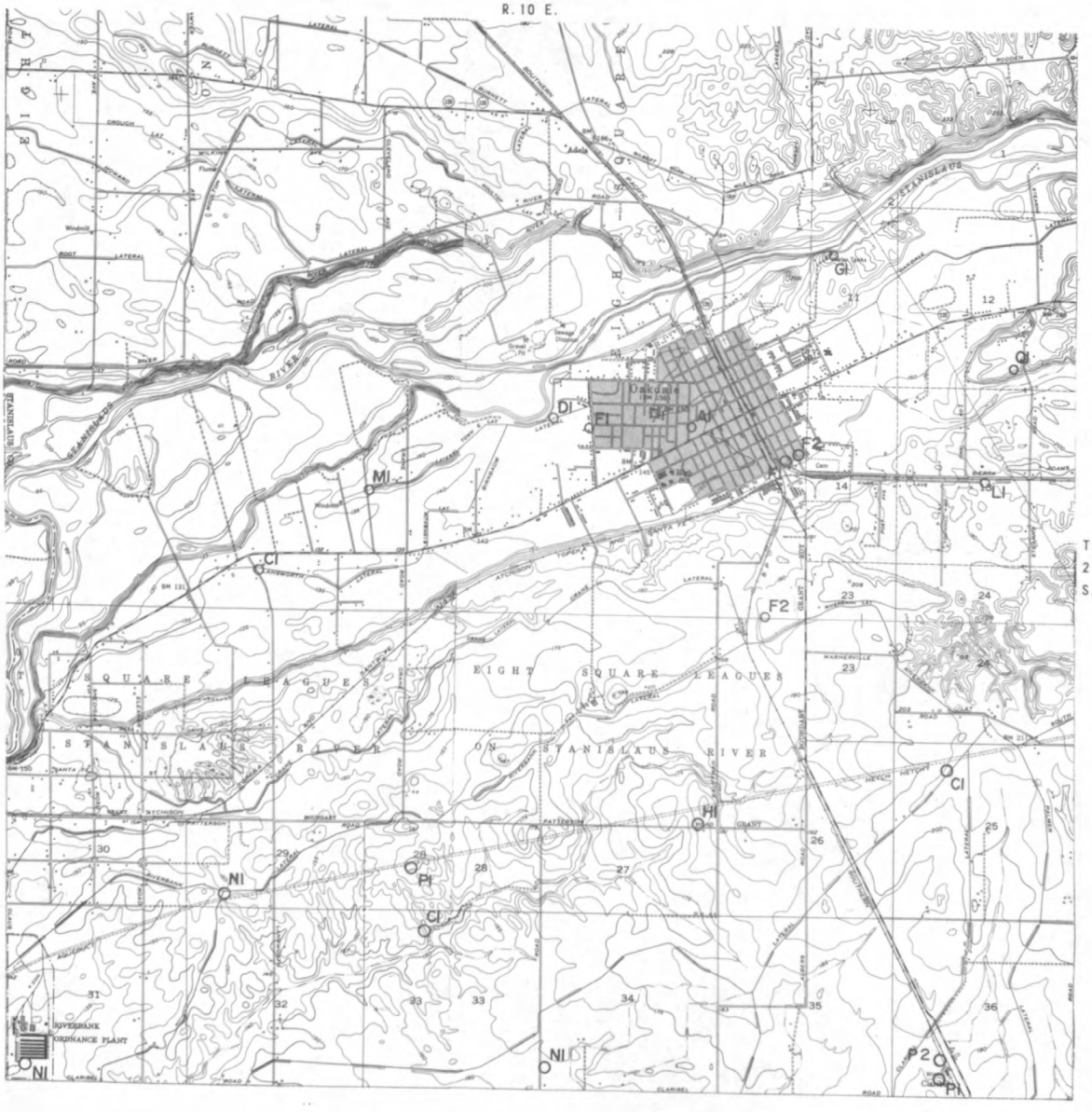
				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET



				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

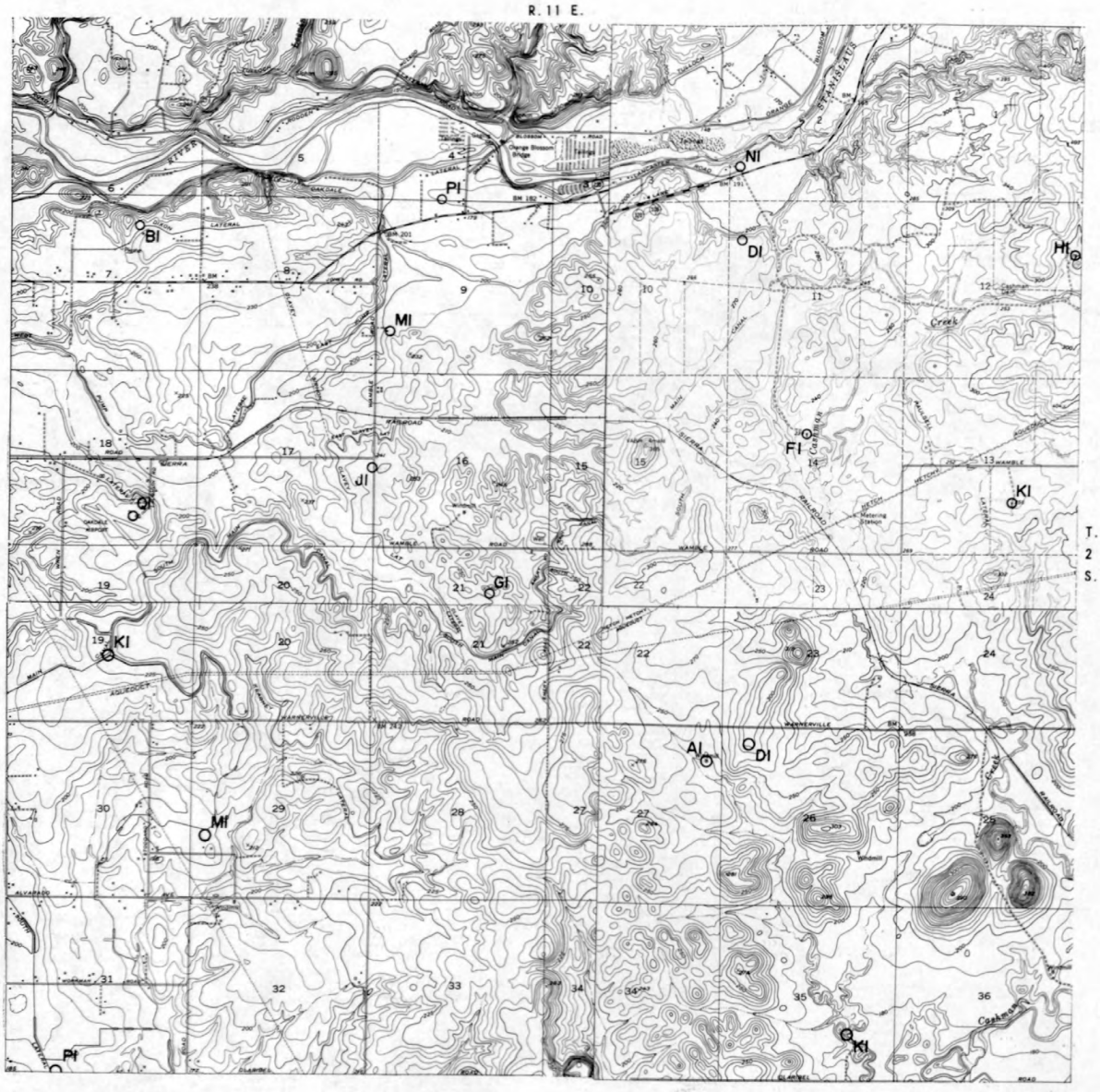
○AI,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

MAP 7



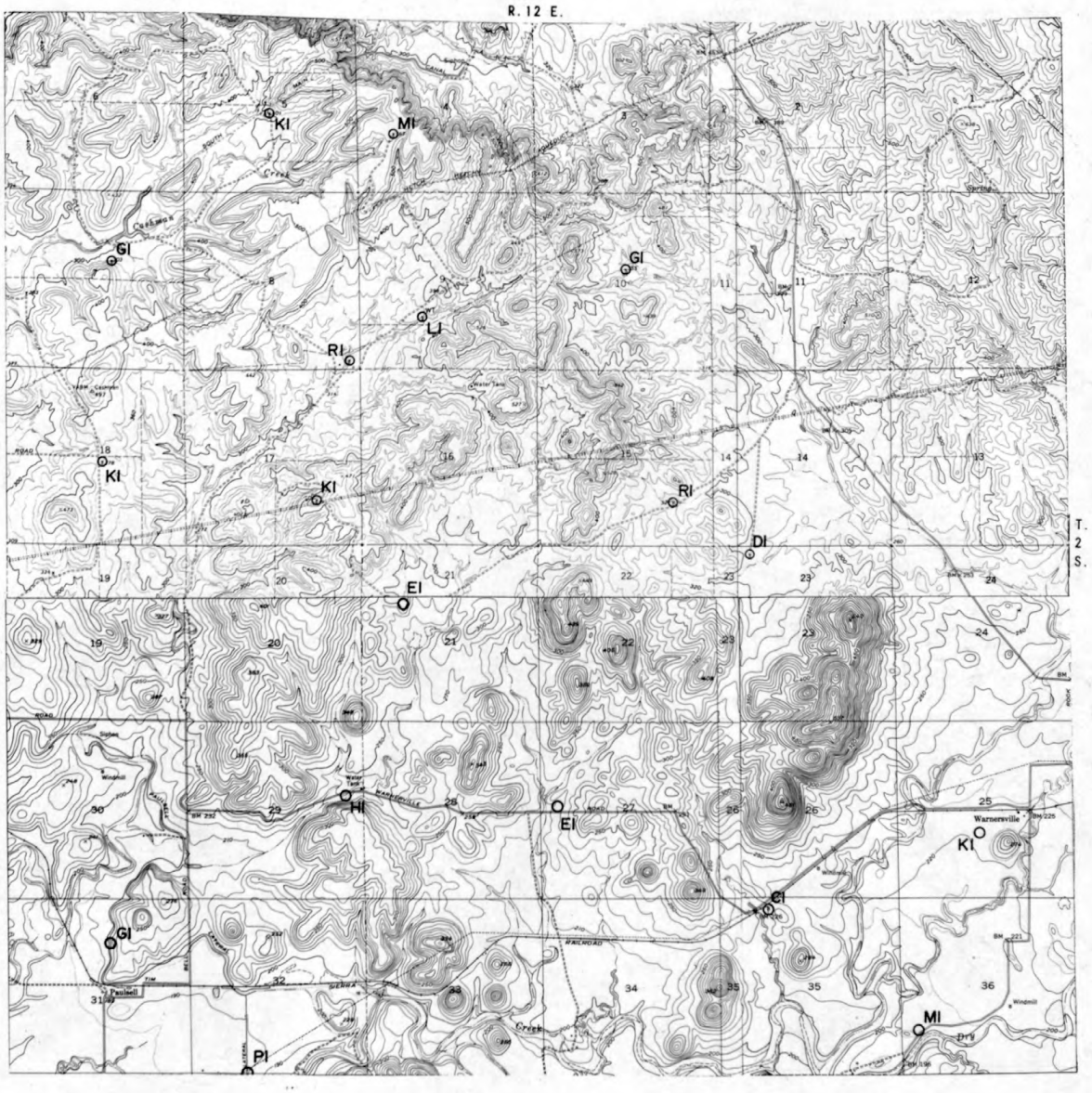
				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET



				MAP 1	2				
3	4	5	6	7	8	9			
10	11	12	13	14	15	16	17		
18	19	20	21	22	23	24	25	26	
	27	28	29	30	31	32	33	34	
		35	36	37	38	39	40	41	
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

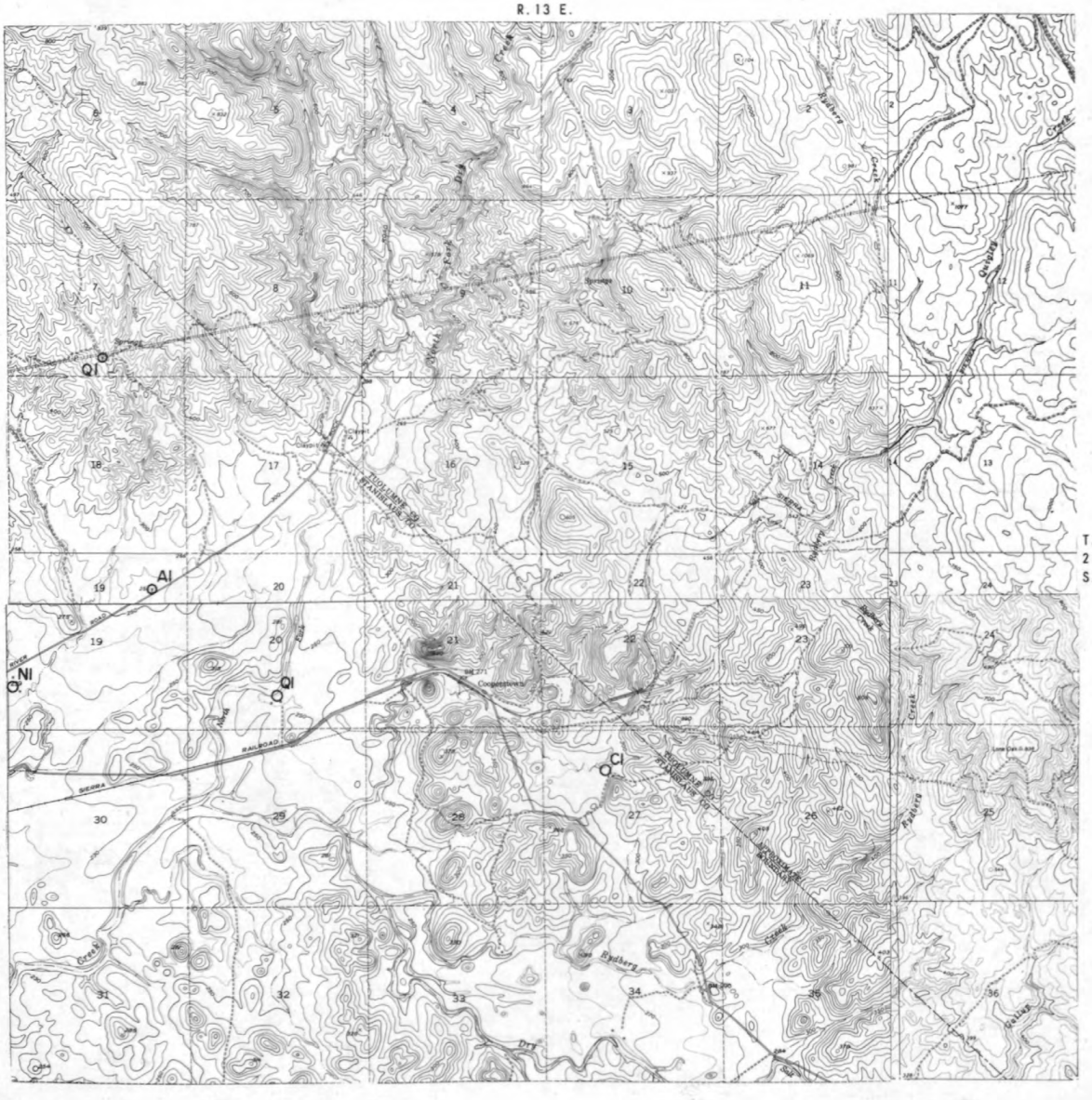
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

MAP 9



				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

○AI,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

MAP 10

				MAP 1	2				
3	4	5	6	7	8	9			
10	11	12	13	14	15	16	17		
18	19	20	21	22	23	24	25	26	
	27	28	29	30	31	32	33	34	
		35	36	37	38	39	40	41	
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

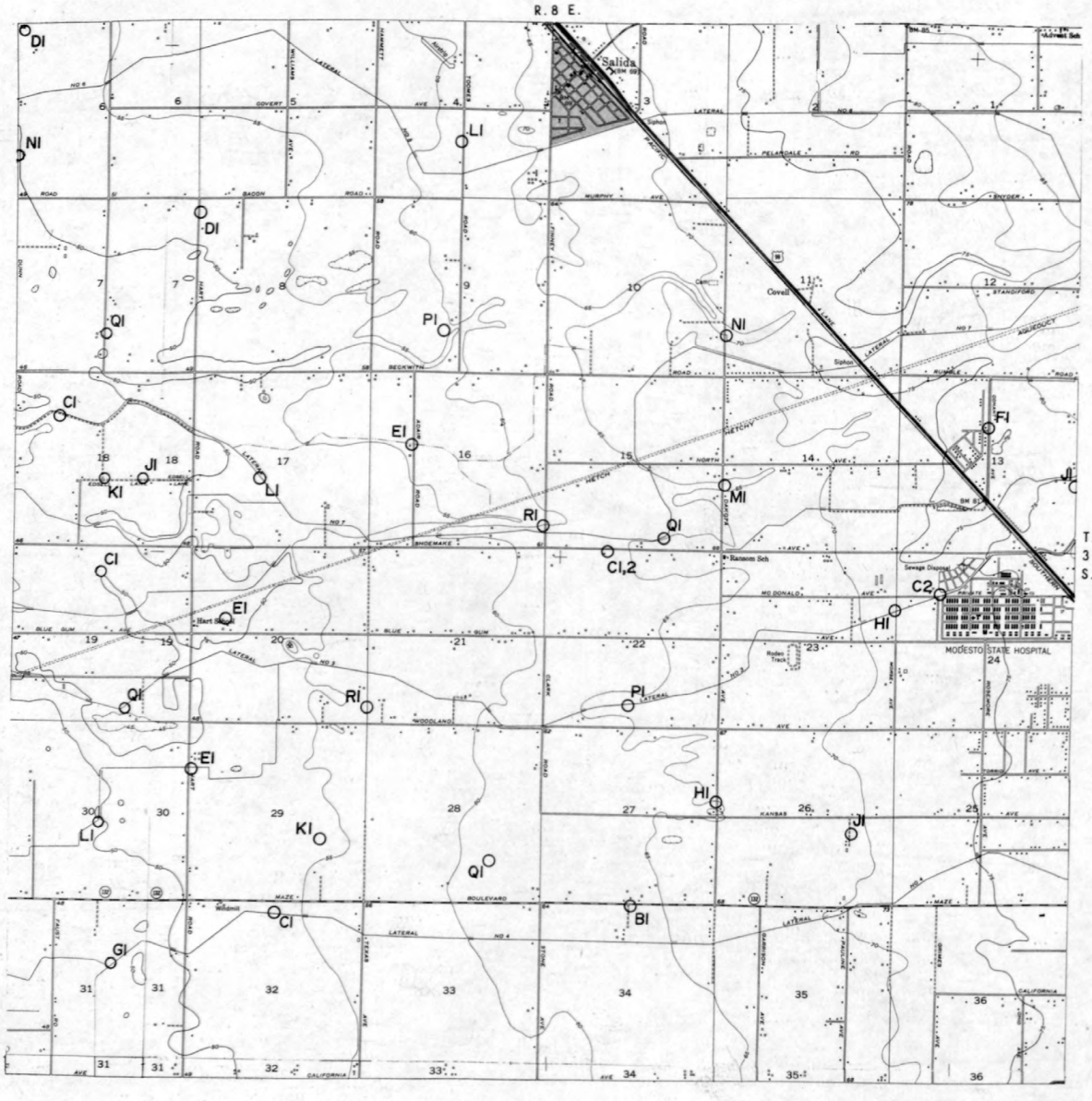
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

MAP 11



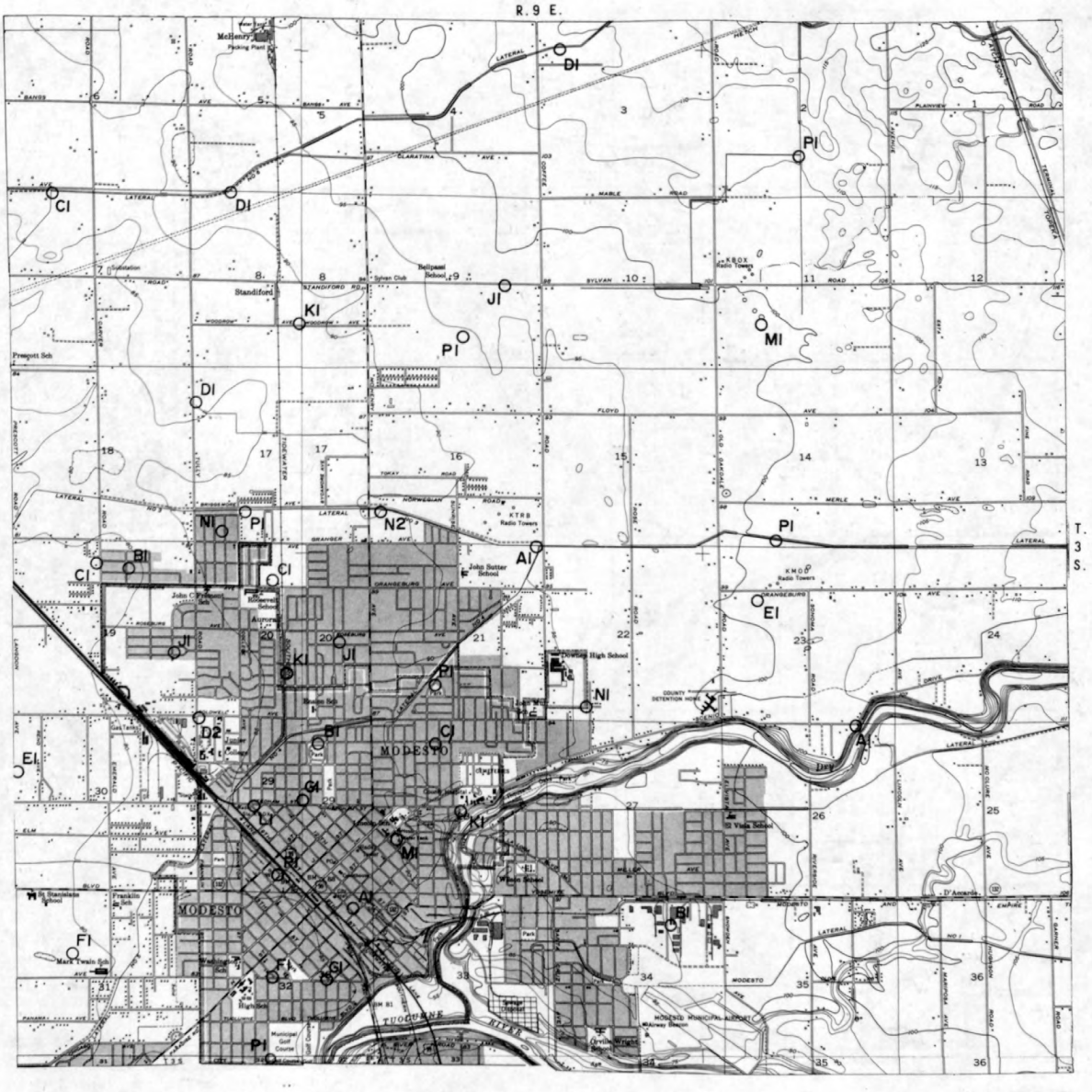
				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

○Al,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET



				MAP 1	2				
3	4	5	6	7	8	9			
10	11	12	13	14	15	16	17		
18	19	20	21	22	23	24	25	26	
	27	28	29	30	31	32	33	34	
		35	36	37	38	39	40	41	
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

MAP 13

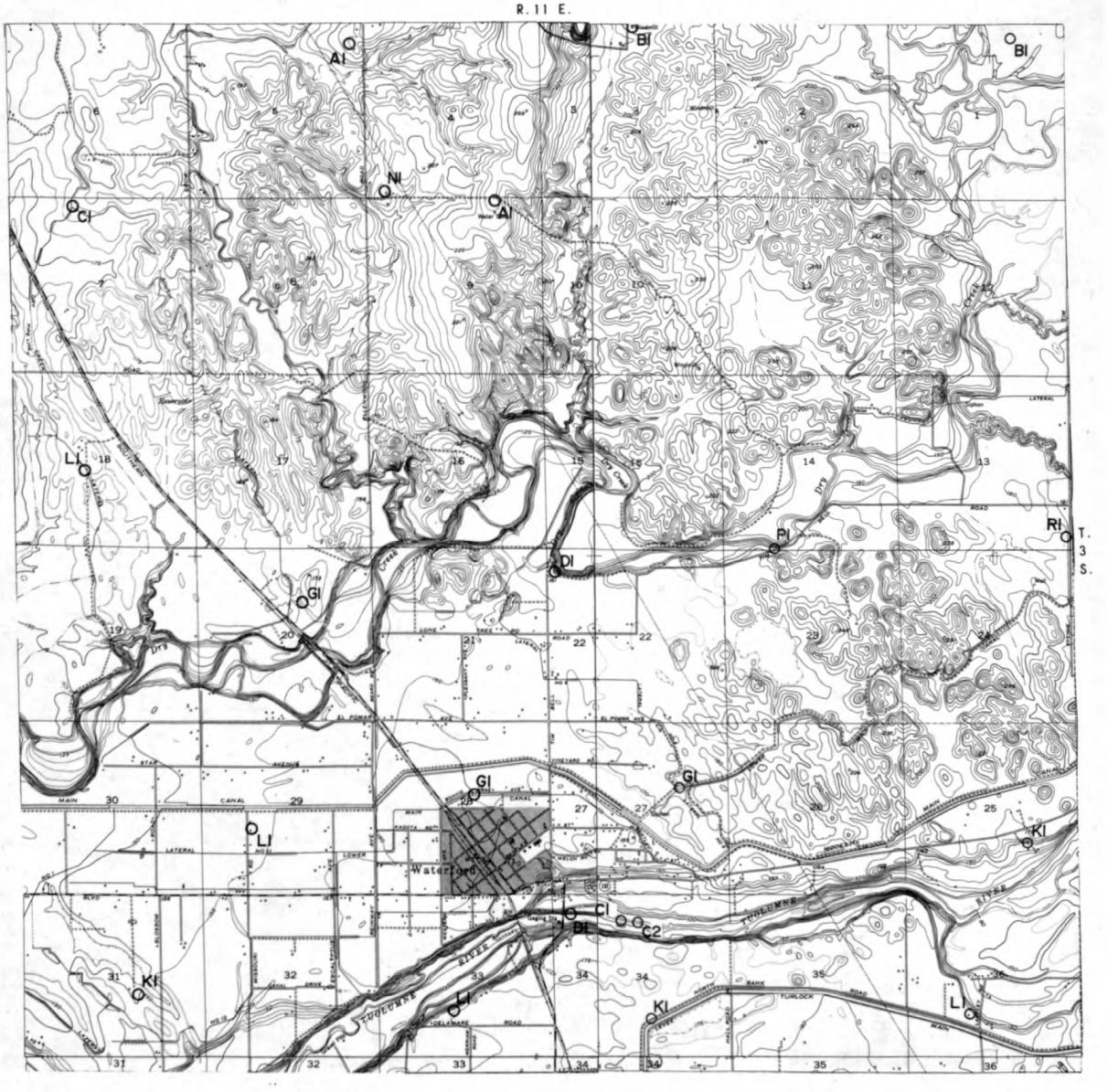
				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET



				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

MAP 15

				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

MAP 16

				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

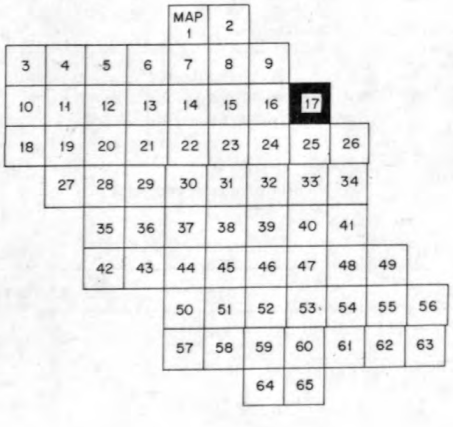
○AI,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

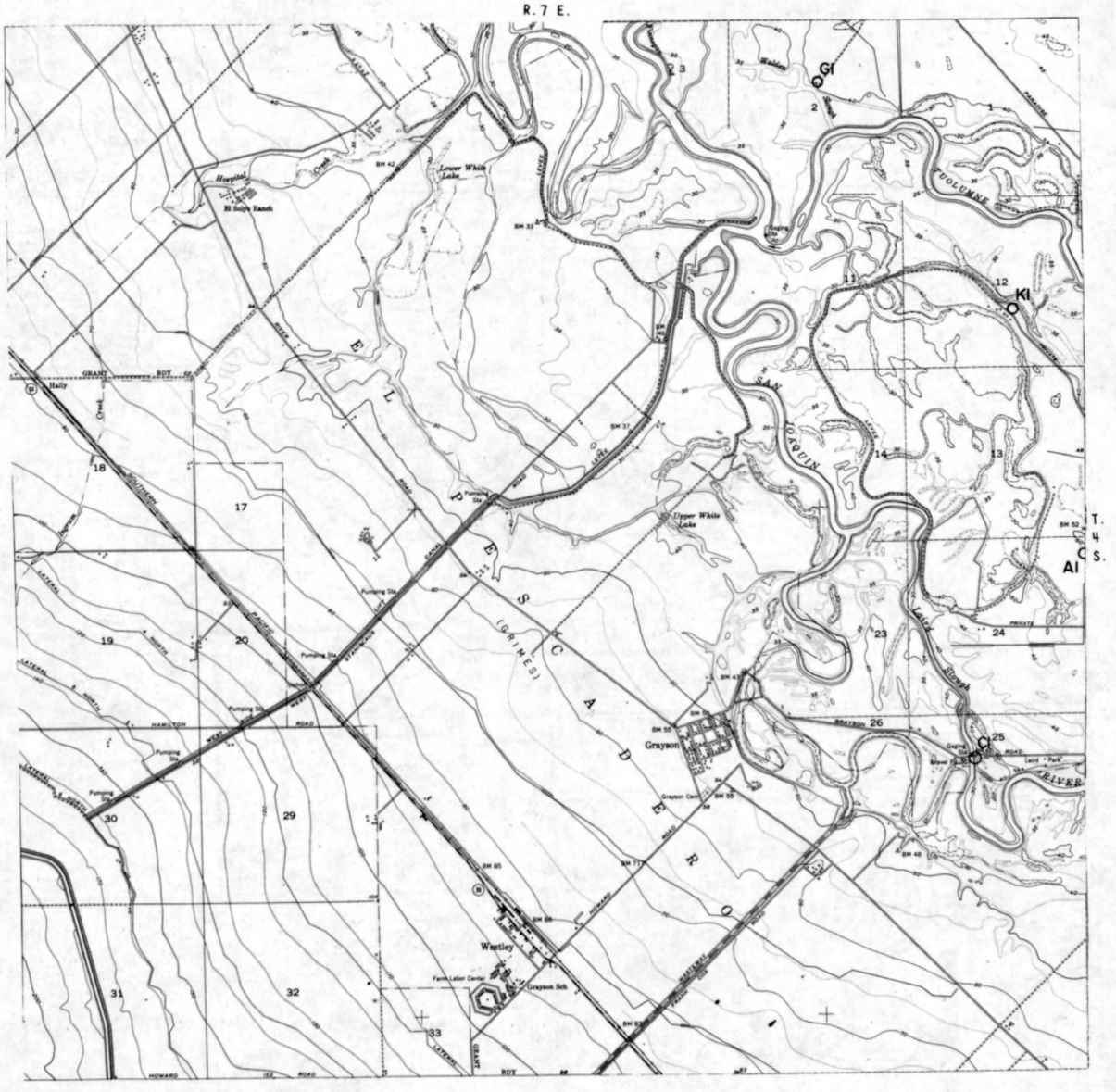
MAP 17

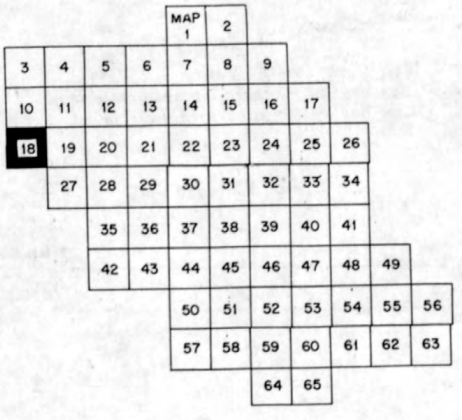


○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES
0 5,000 10,000 FEET



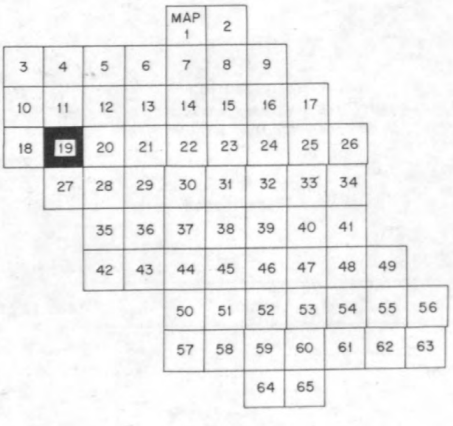


○Al,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES
0 5,000 10,000 FEET

MAP 19



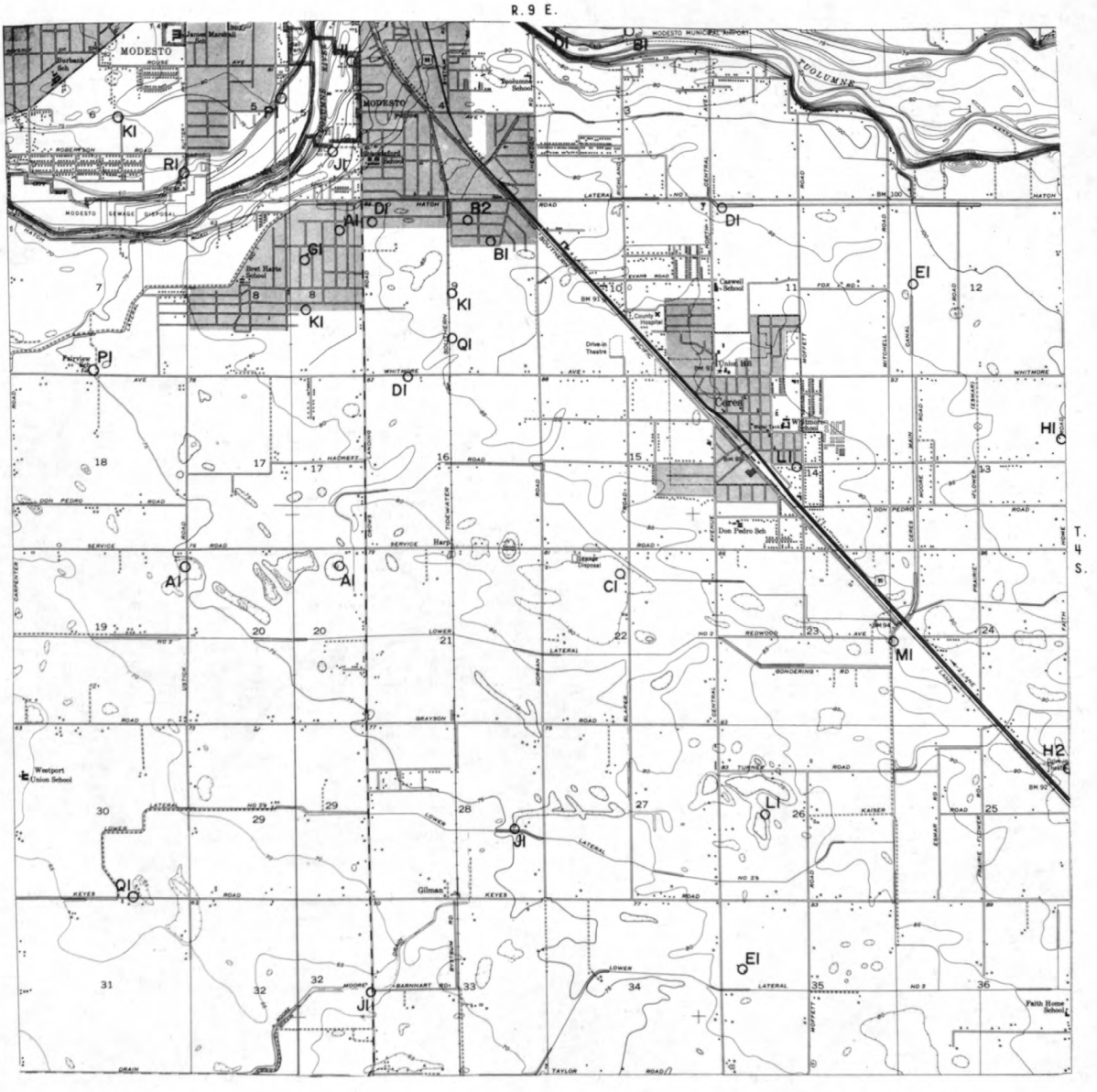
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

MAP 20



				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

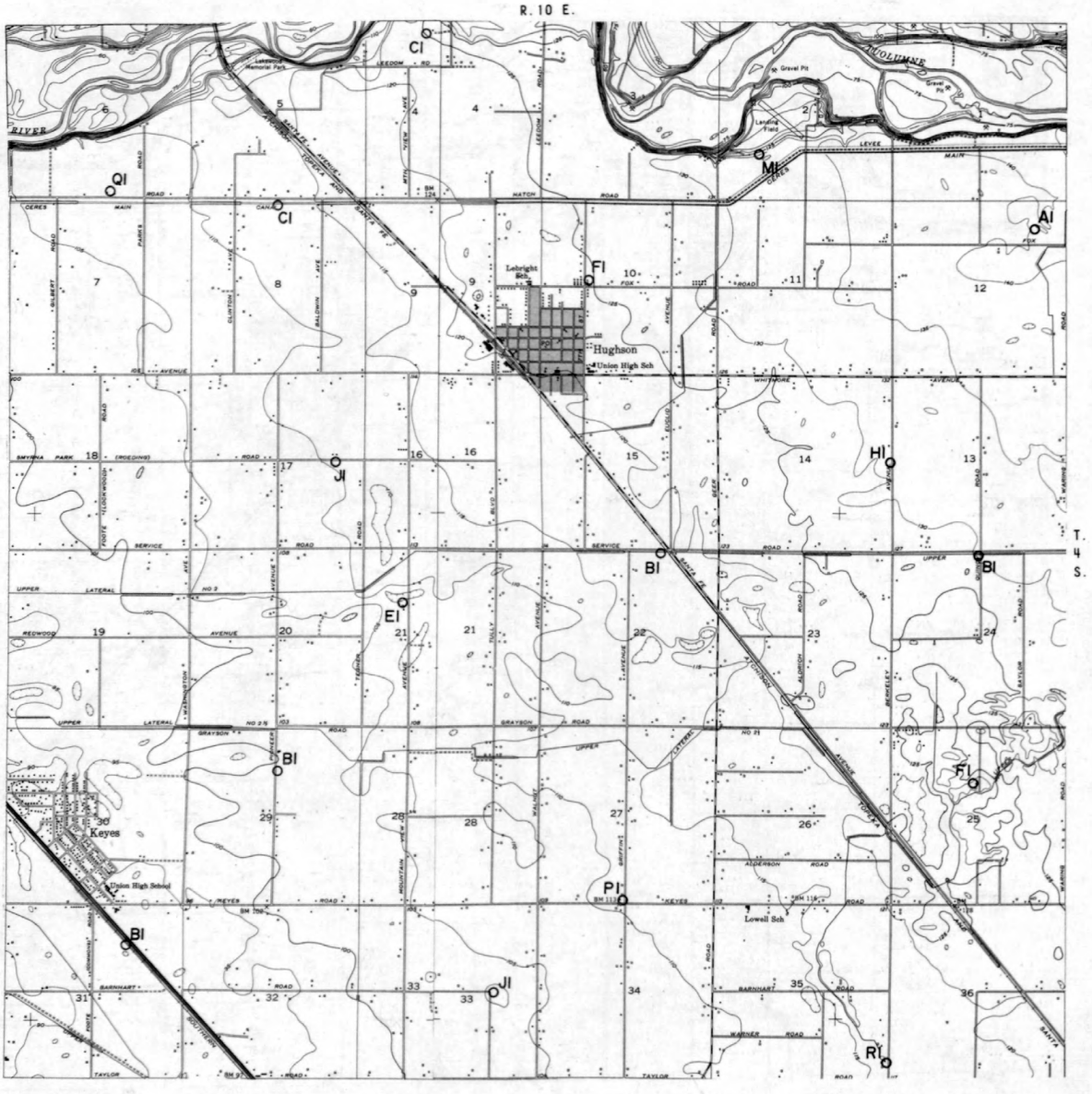
○A1, 2, 3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

MAP 21



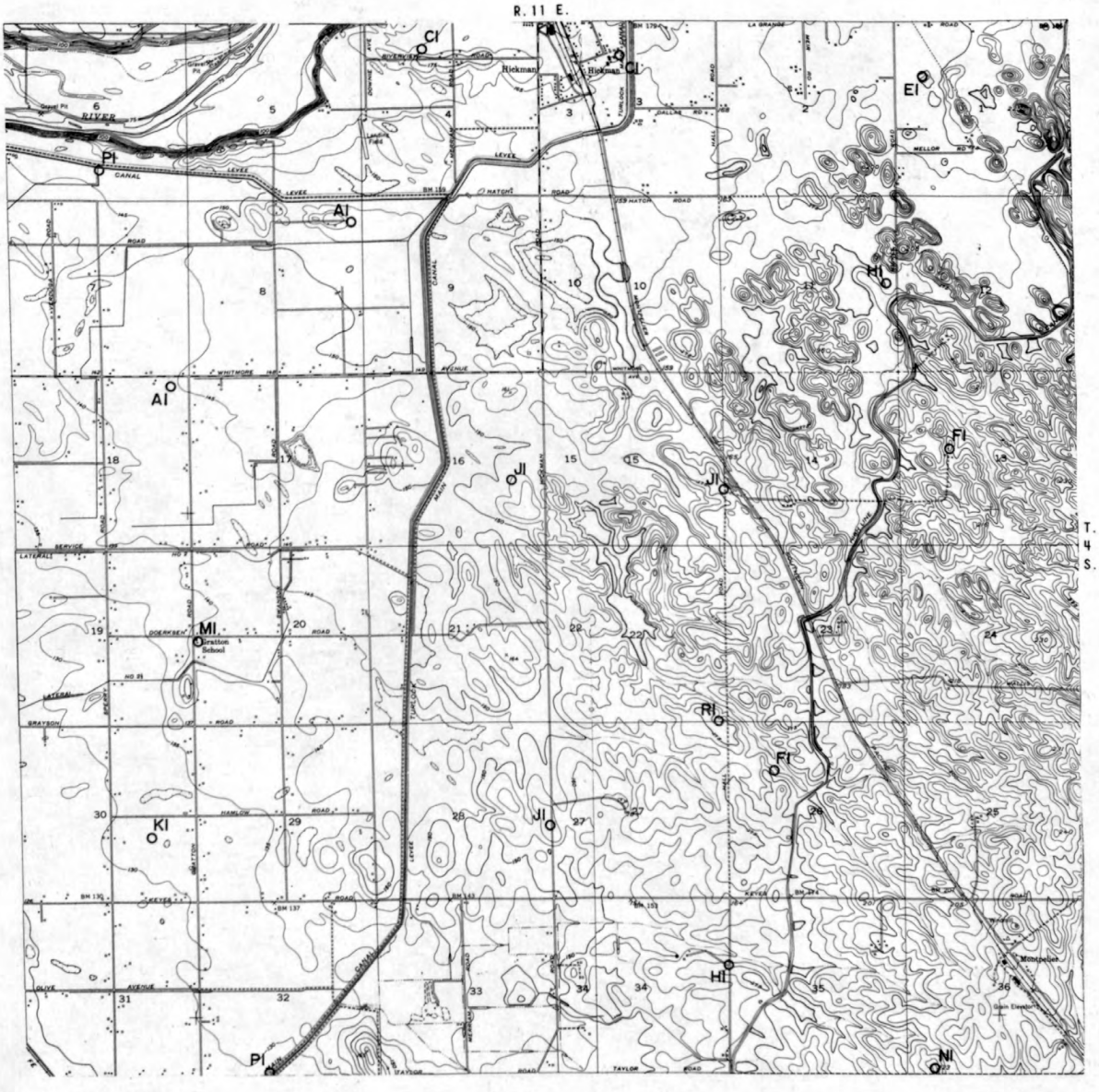
				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

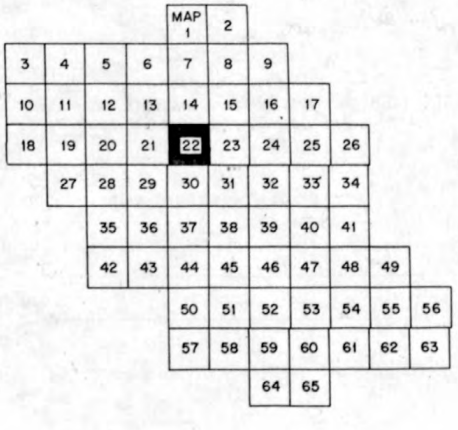
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET



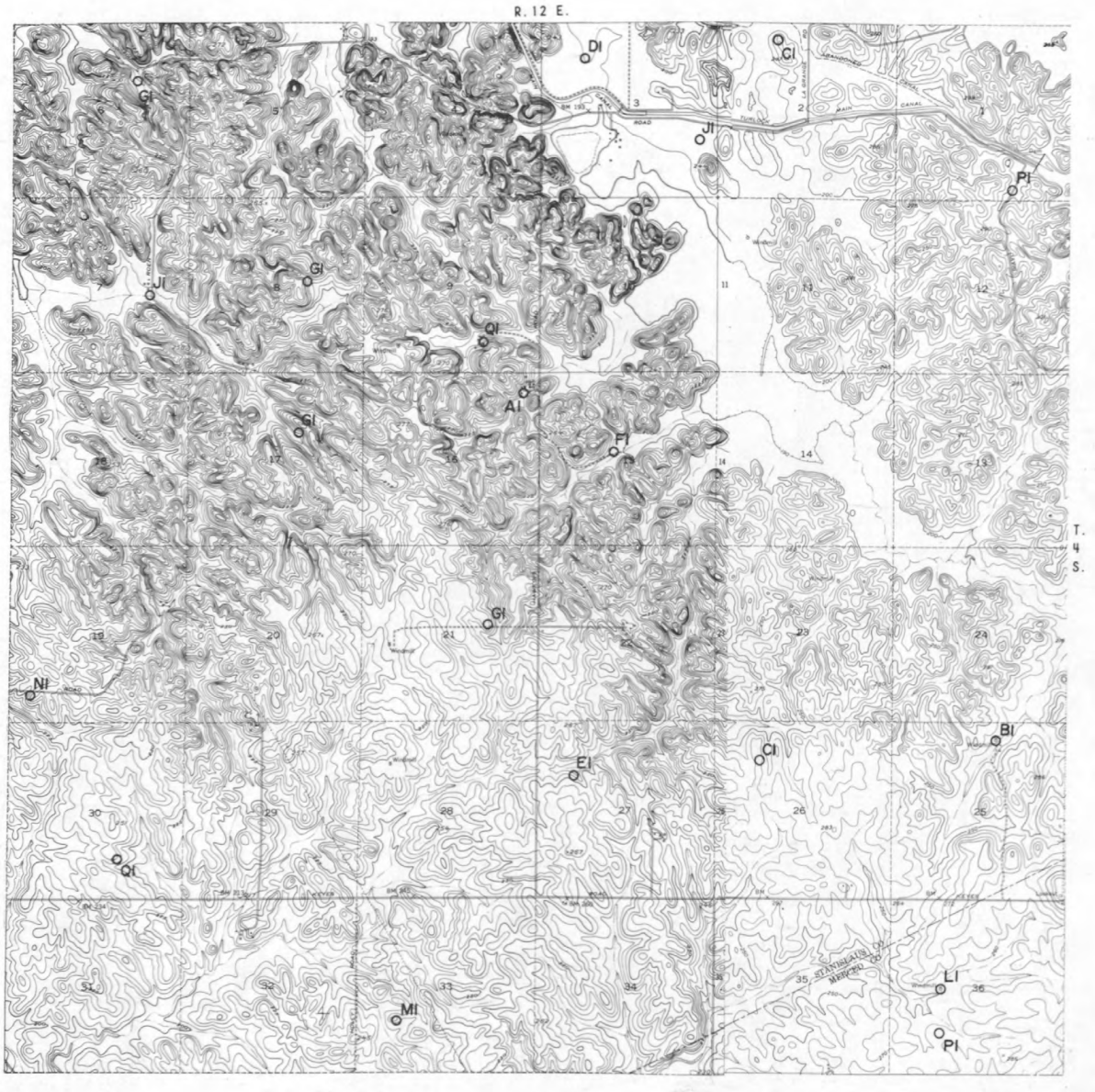


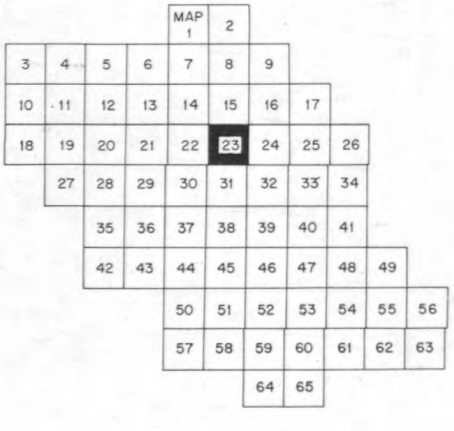
○Al,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES
0 5,000 10,000 FEET

MAP 23



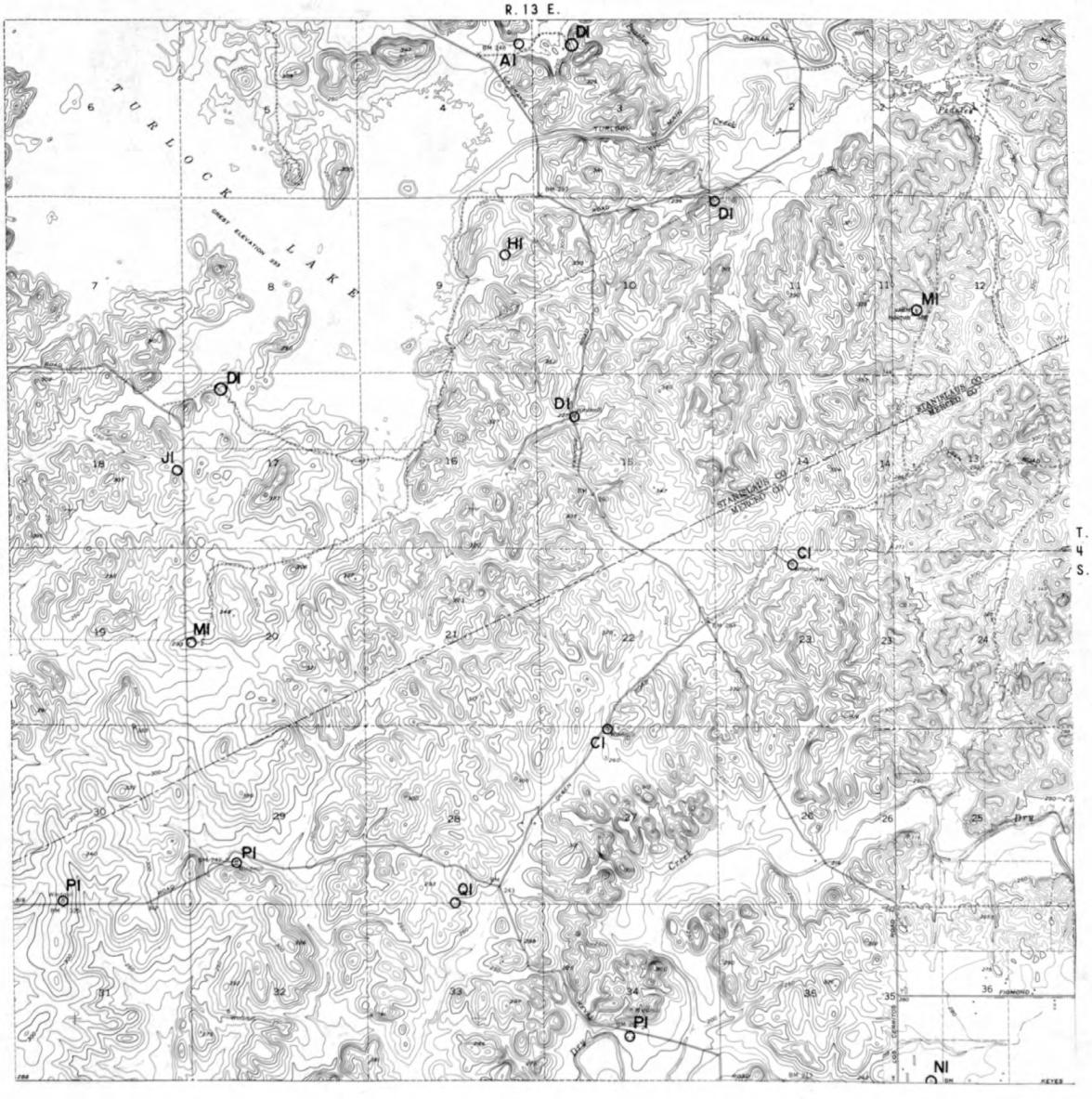


○AI,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES
0 5,000 10,000 FEET

R. 13 E.



				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

MAP 25

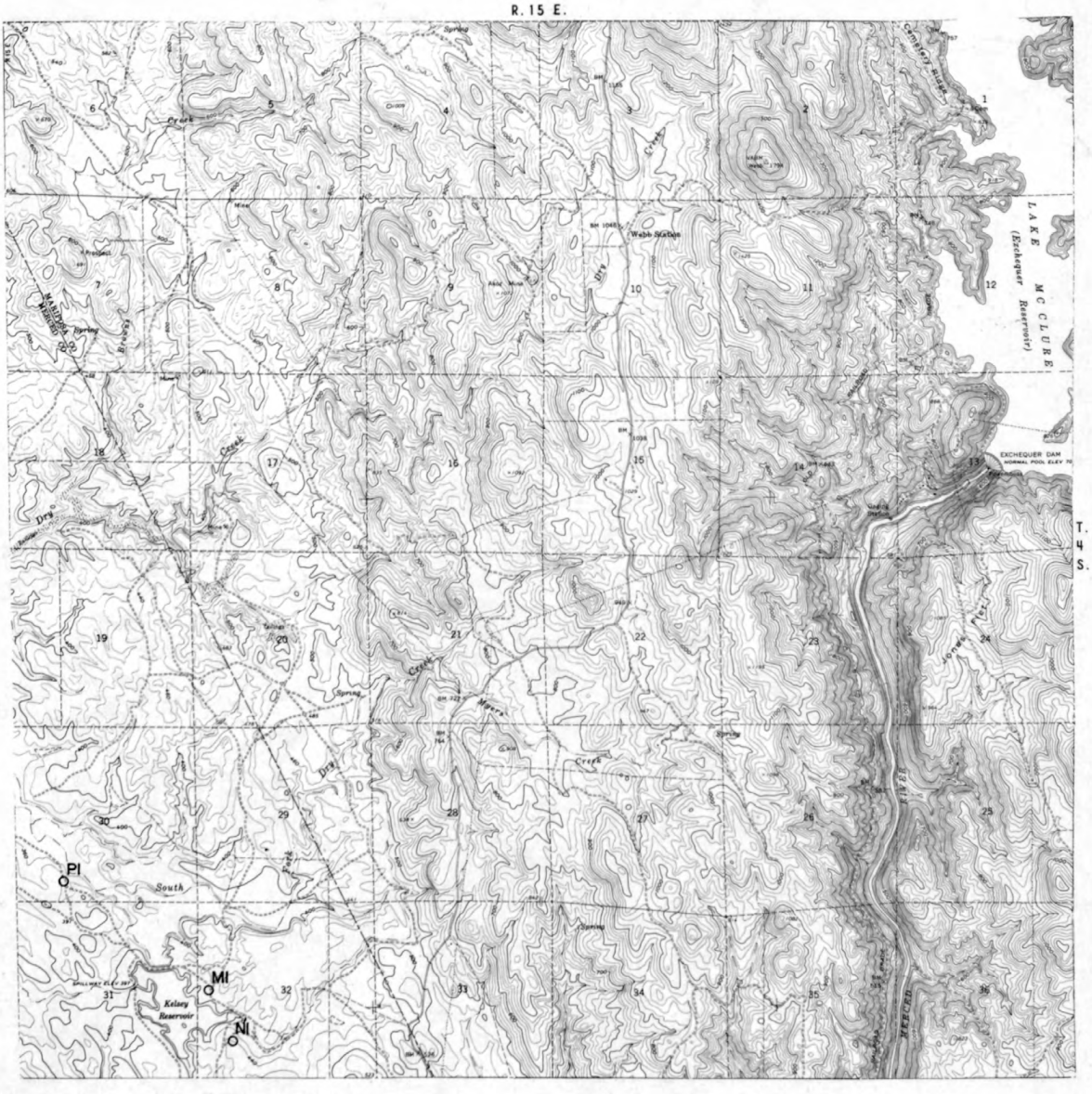
				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

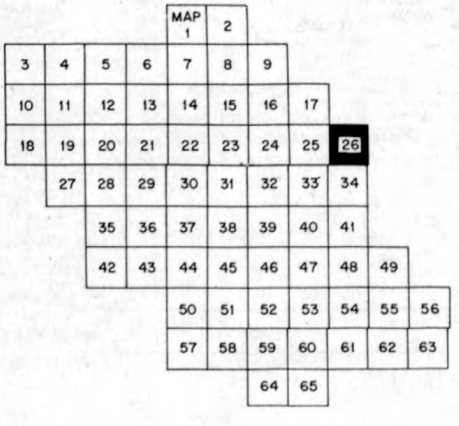
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

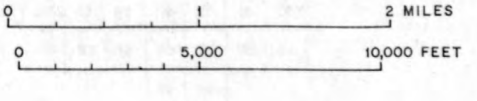
0 5,000 10,000 FEET



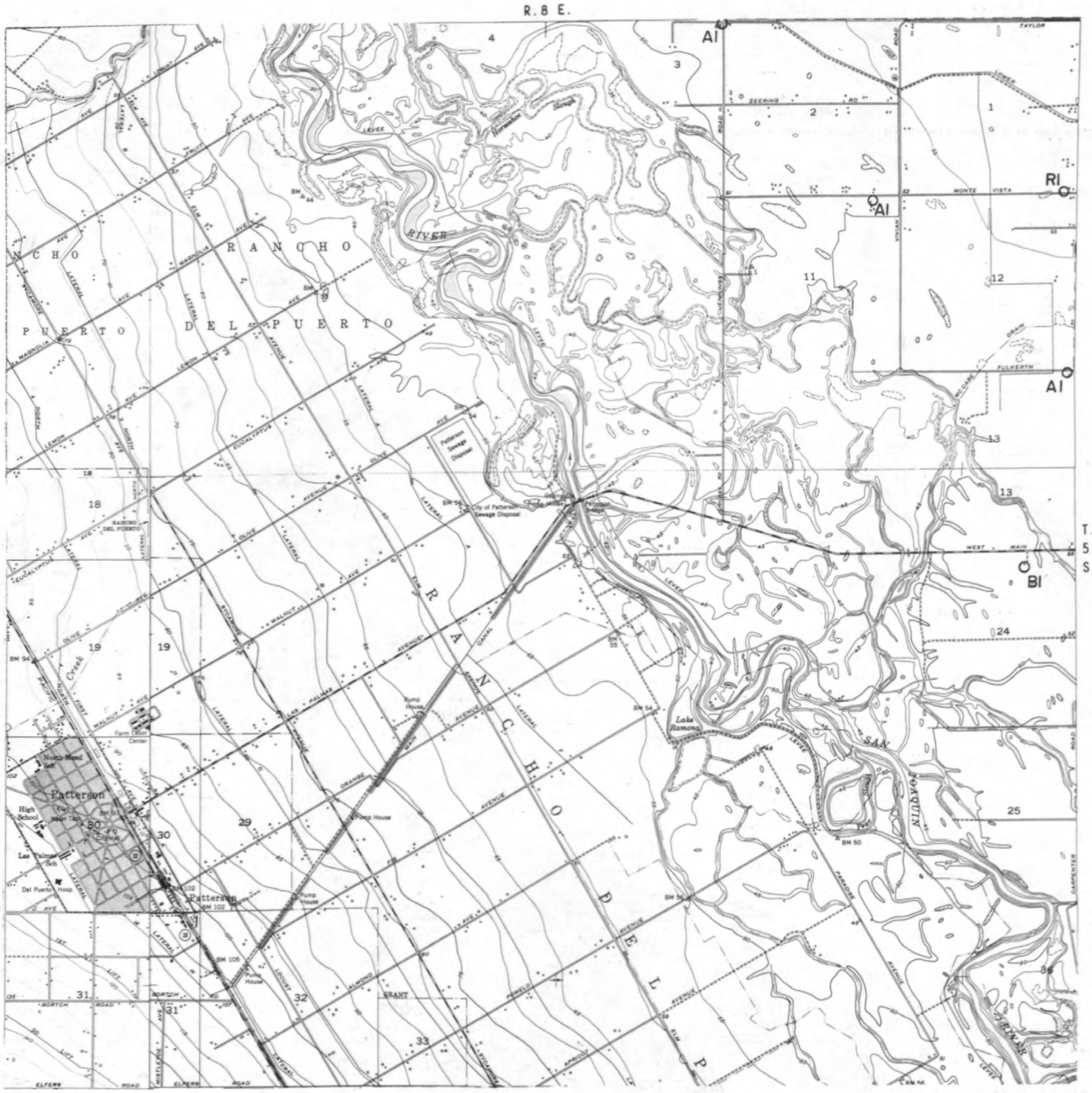


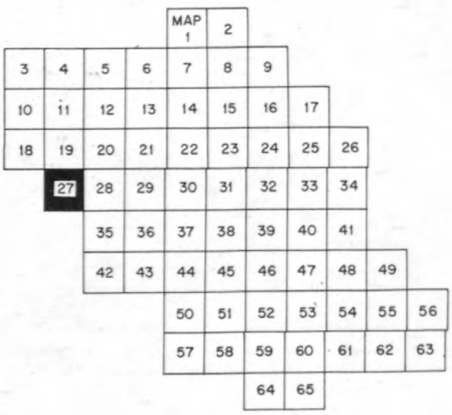
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

⌀
Site of destroyed well



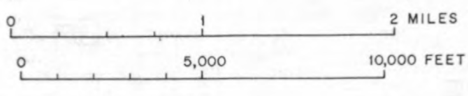
MAP 27

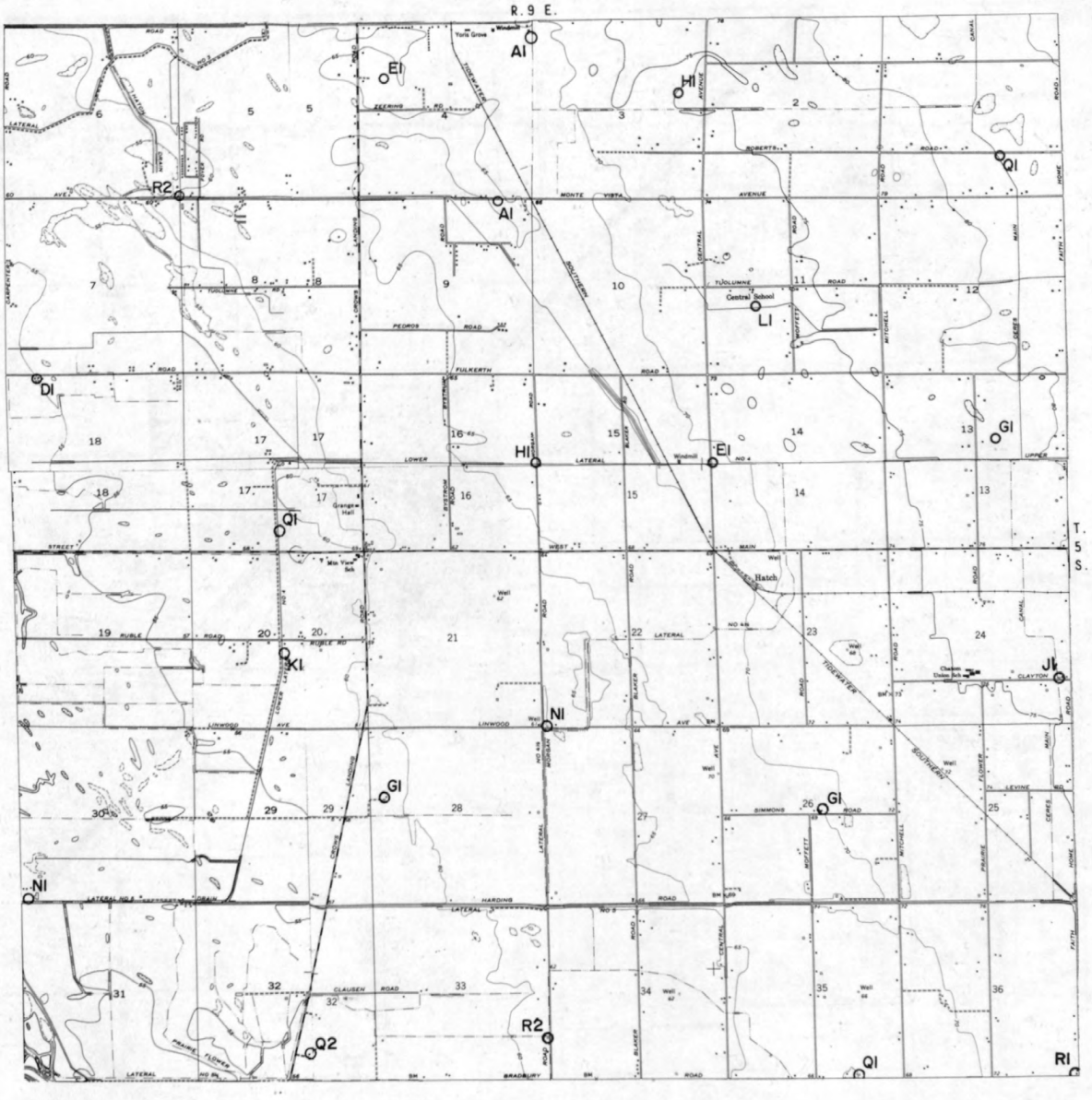




○AI,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well





				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

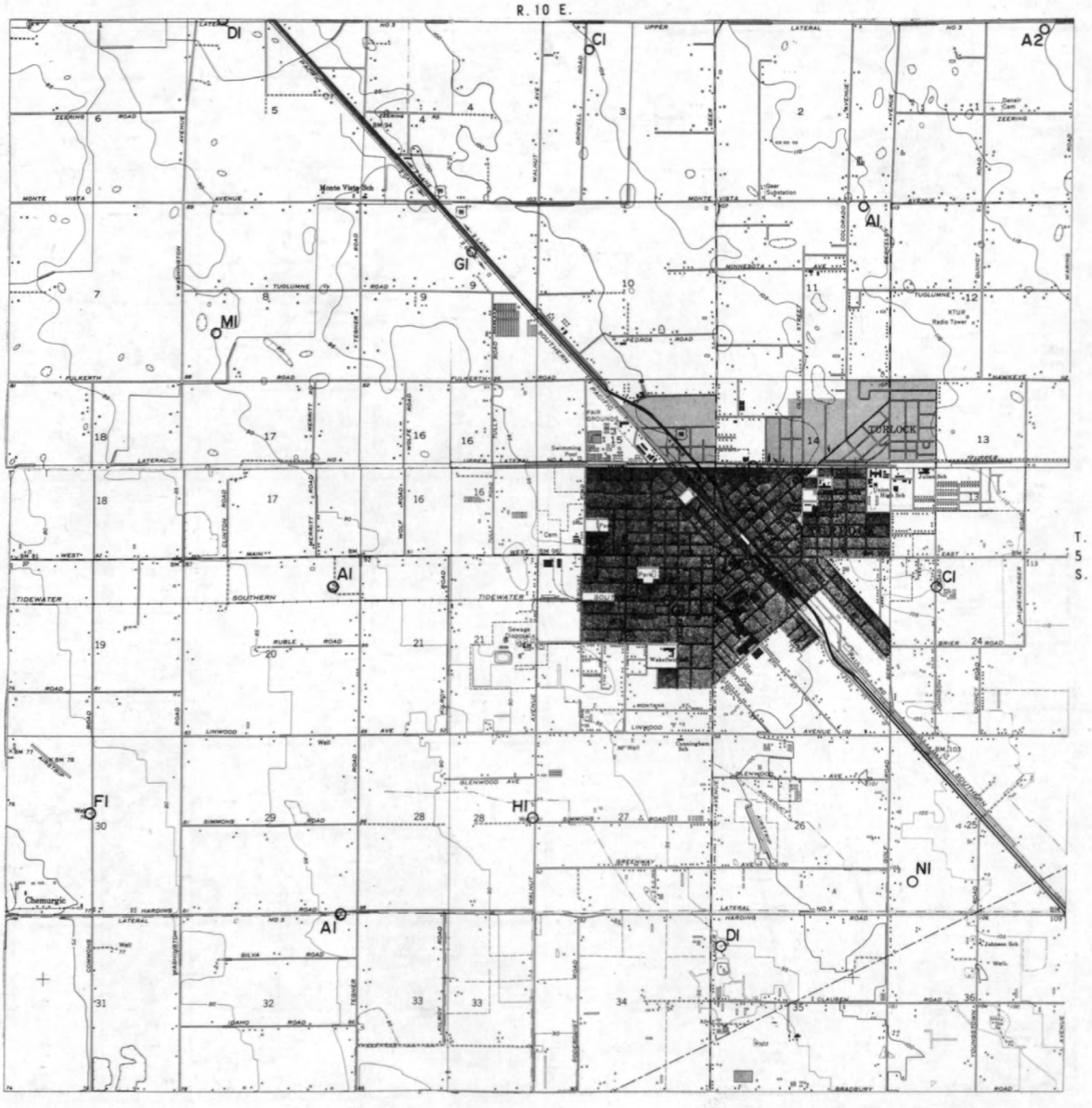
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

MAP 29



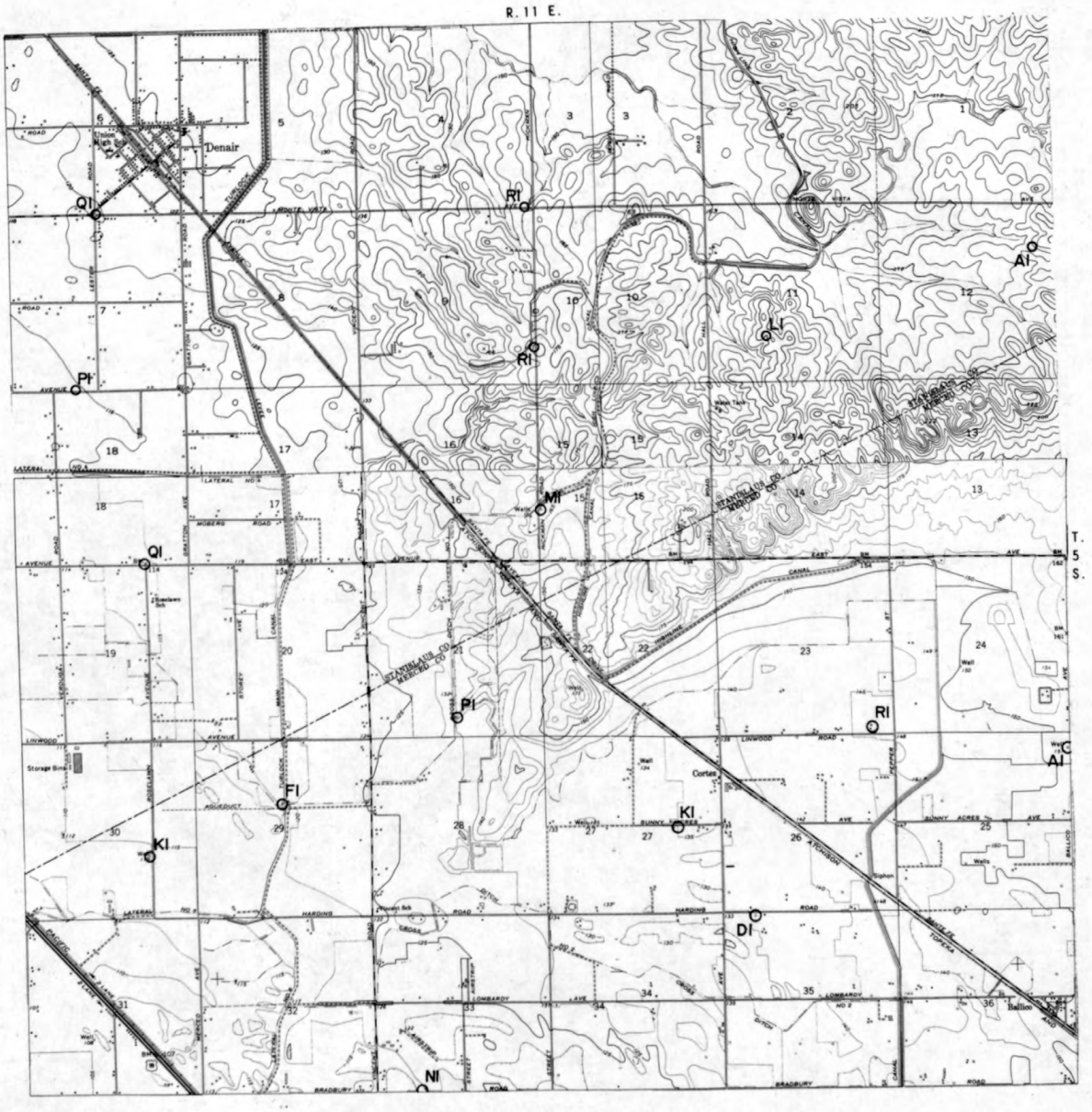
				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

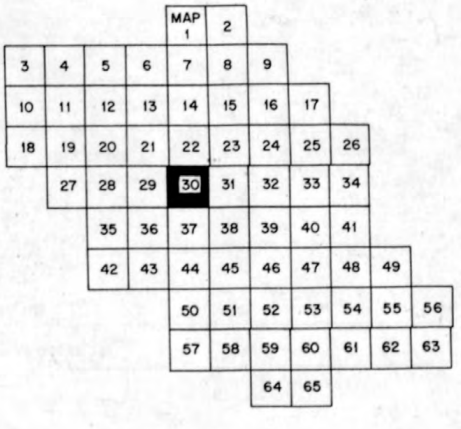
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET





○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES
0 5,000 10,000 FEET

MAP 31

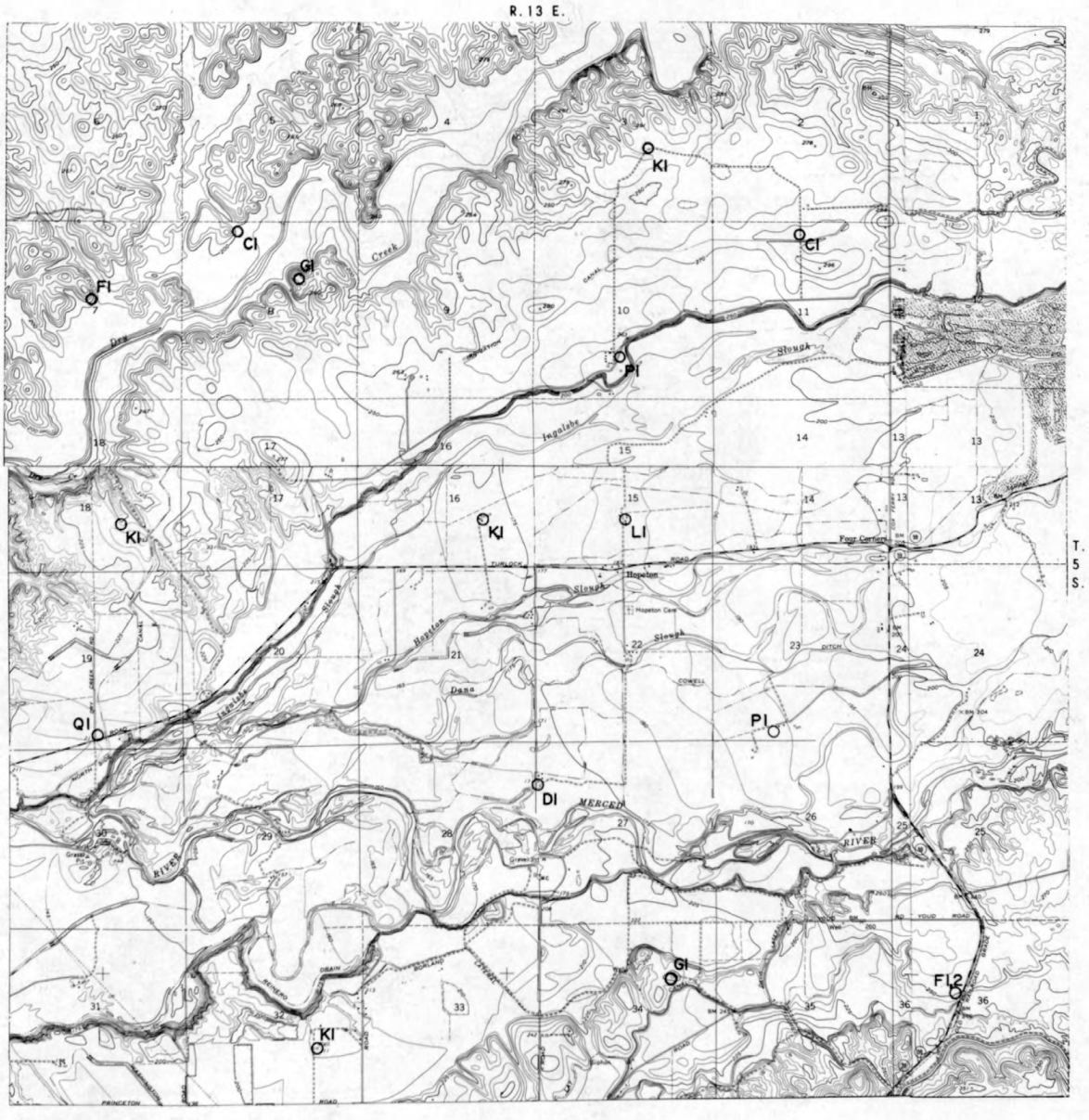
				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	**31**	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

○AI,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET



				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

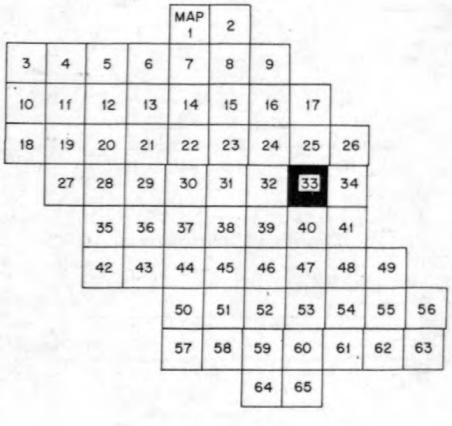
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

MAP 33

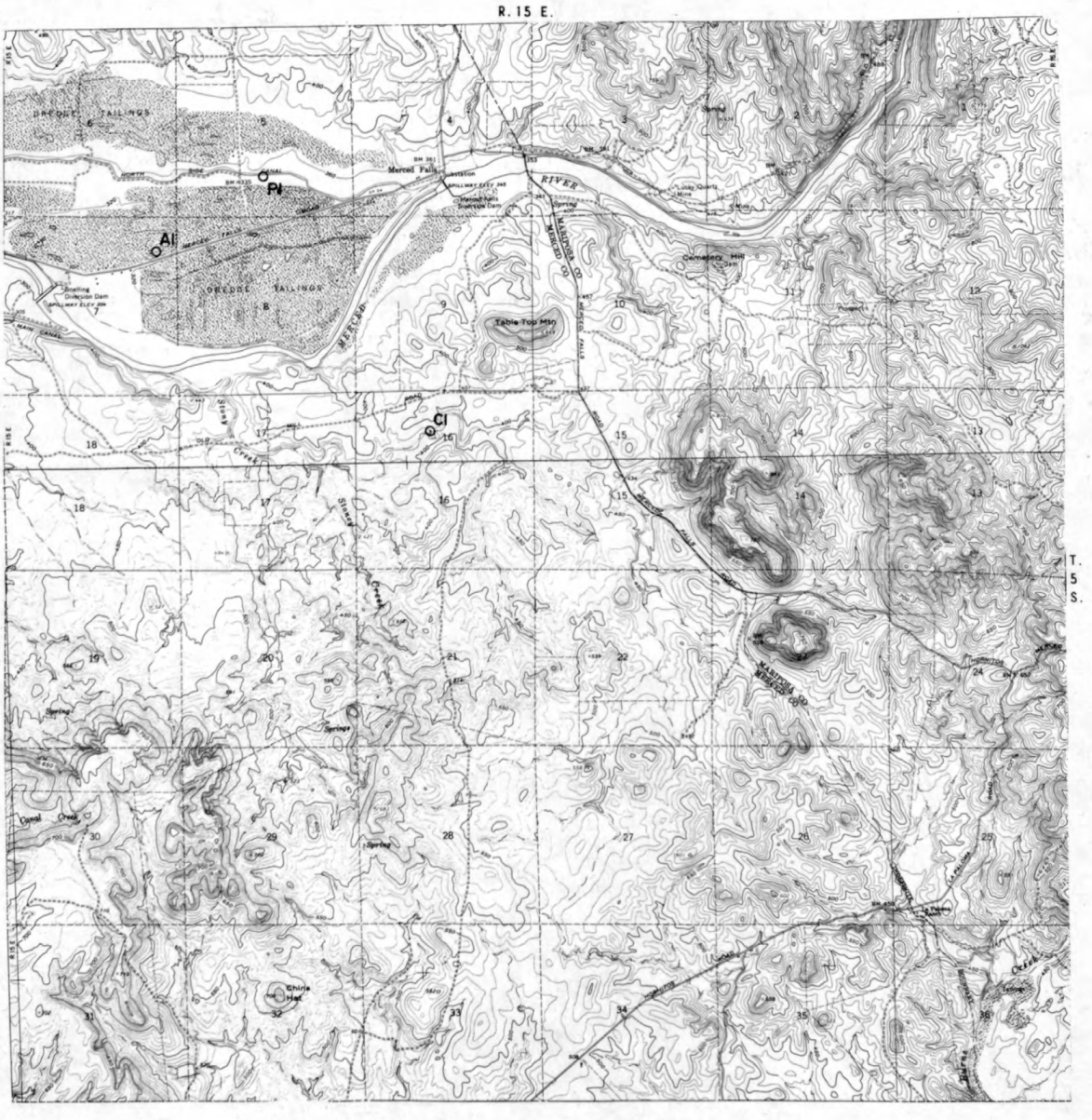


○A1, 2, 3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET



				MAP 1	2				
3	4	5	6	7	8	9			
10	11	12	13	14	15	16	17		
18	19	20	21	22	23	24	25	26	
	27	28	29	30	31	32	33	34	
		35	36	37	38	39	40	41	
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

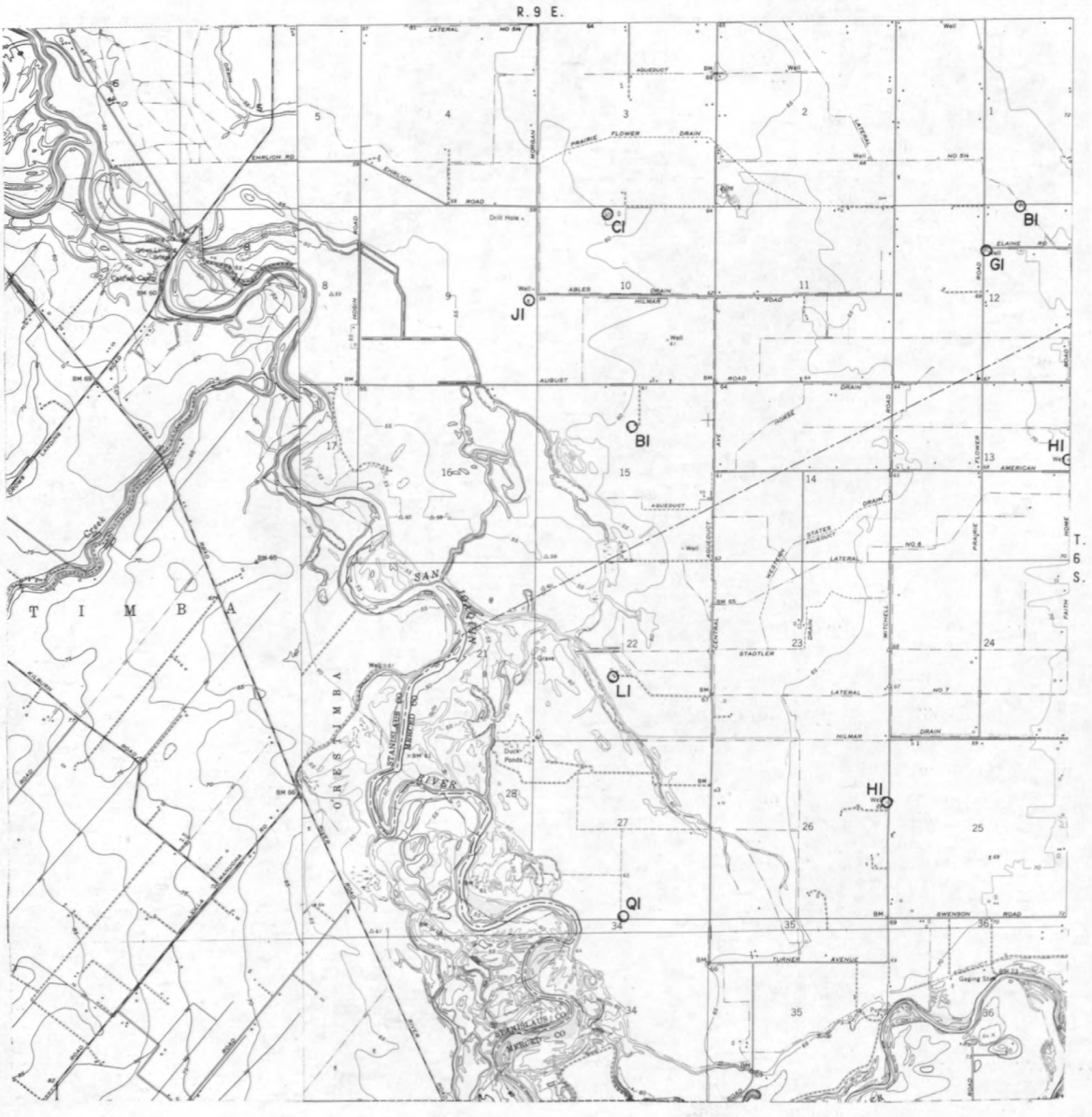
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

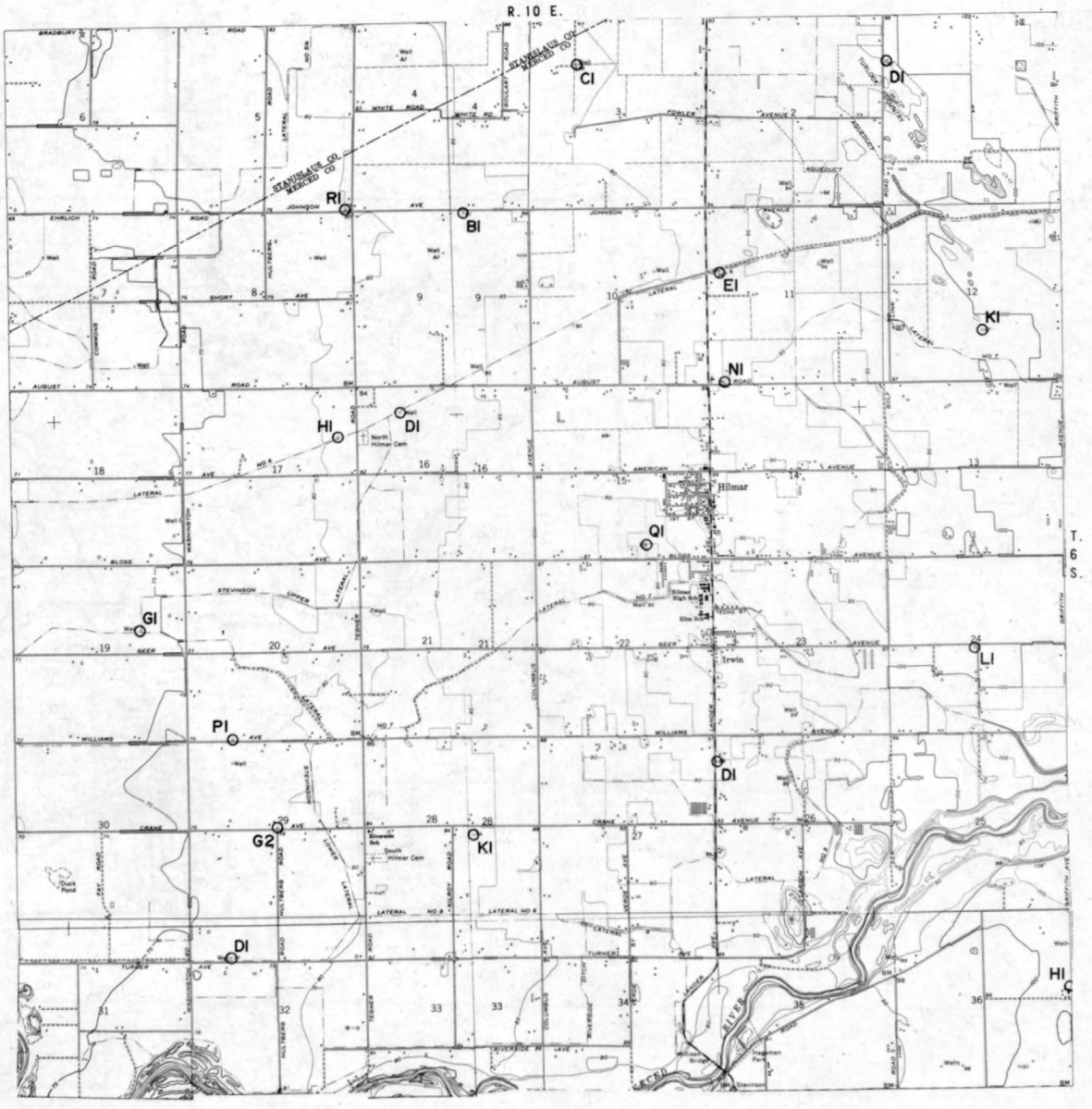
0 1 2 MILES

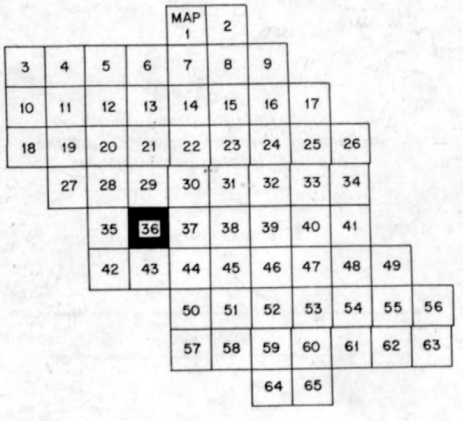
0 5,000 10,000 FEET

MAP 35



				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			



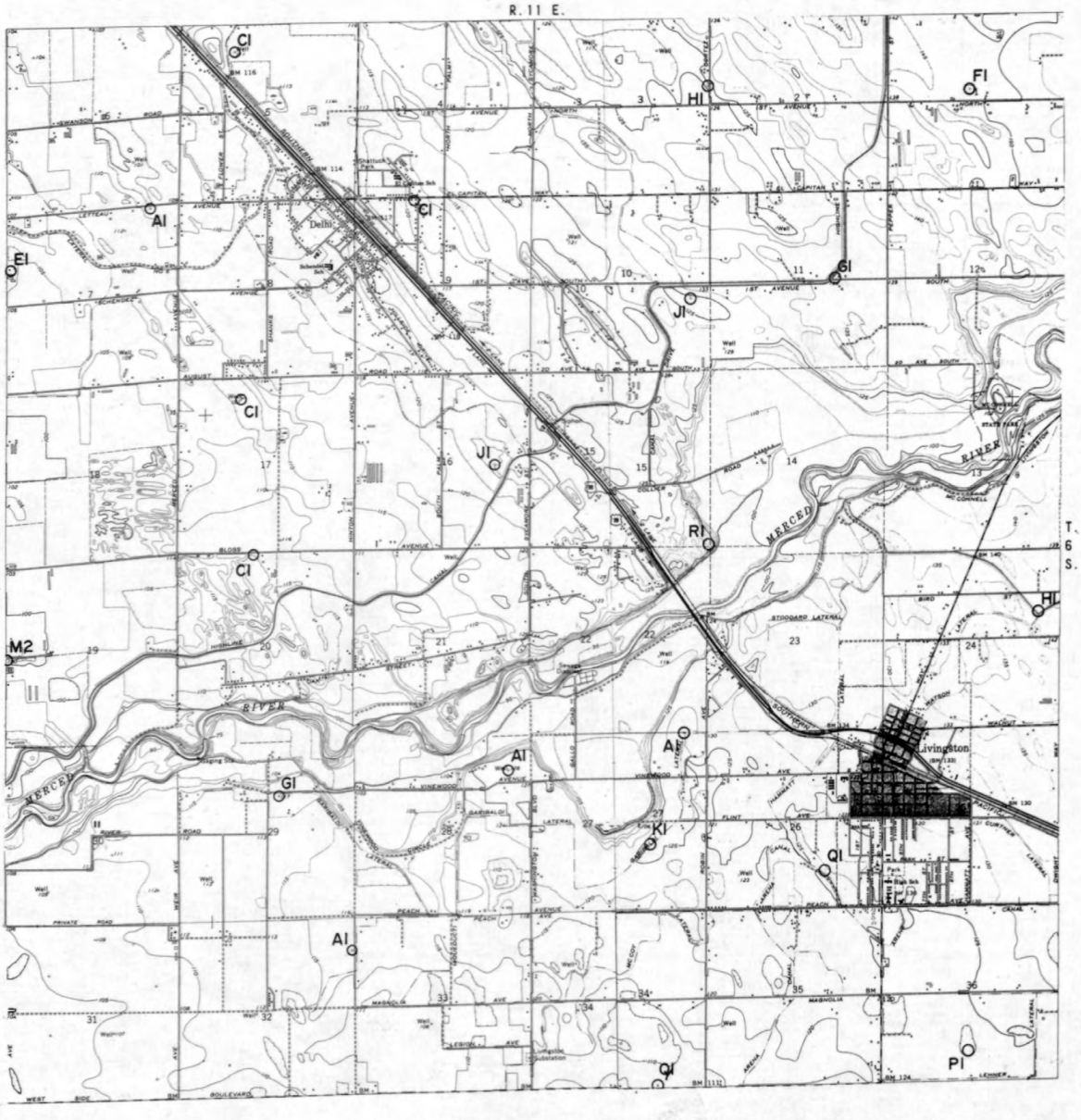


○A1, 2, 3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES
0 5,000 10,000 FEET

MAP 37



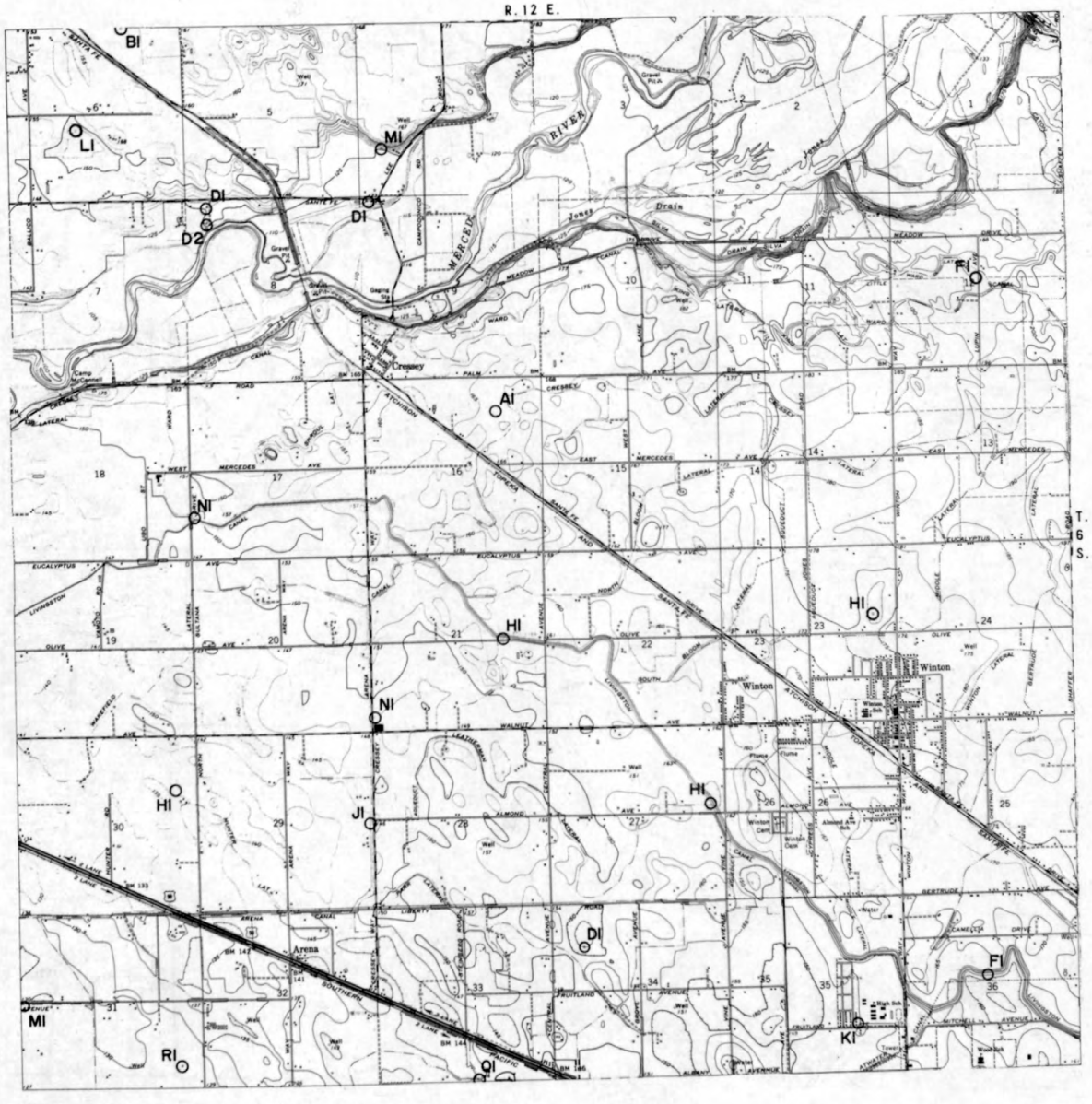
				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

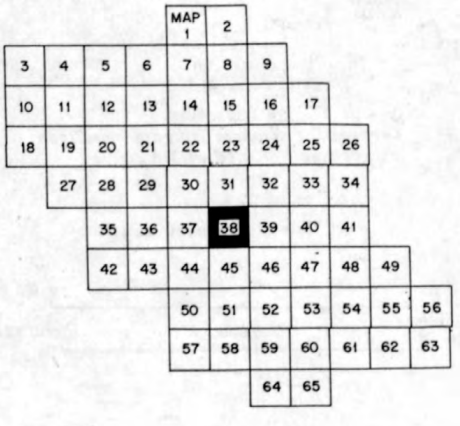
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET



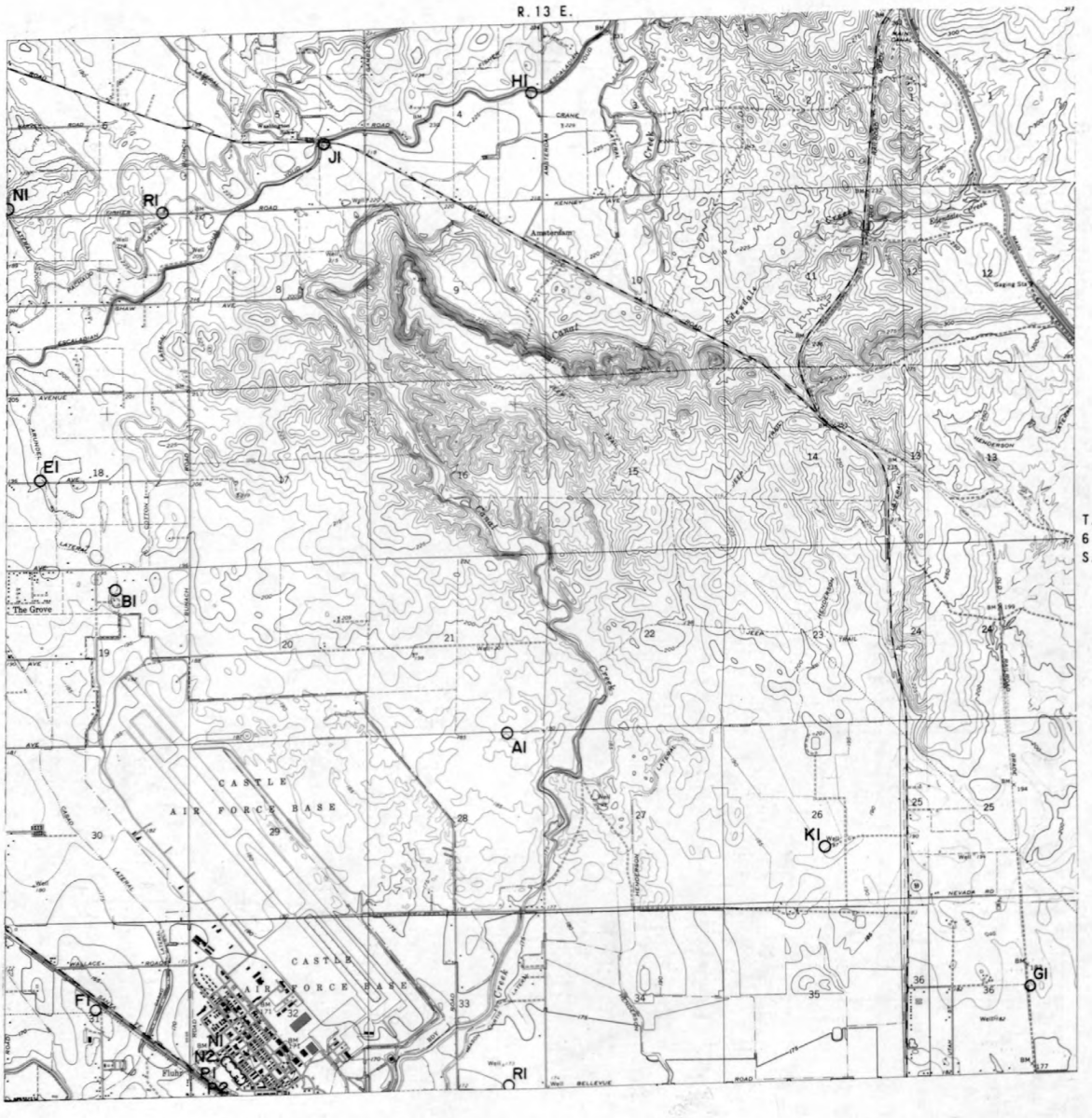


○AI,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES
0 5,000 10,000 FEET

MAP 39



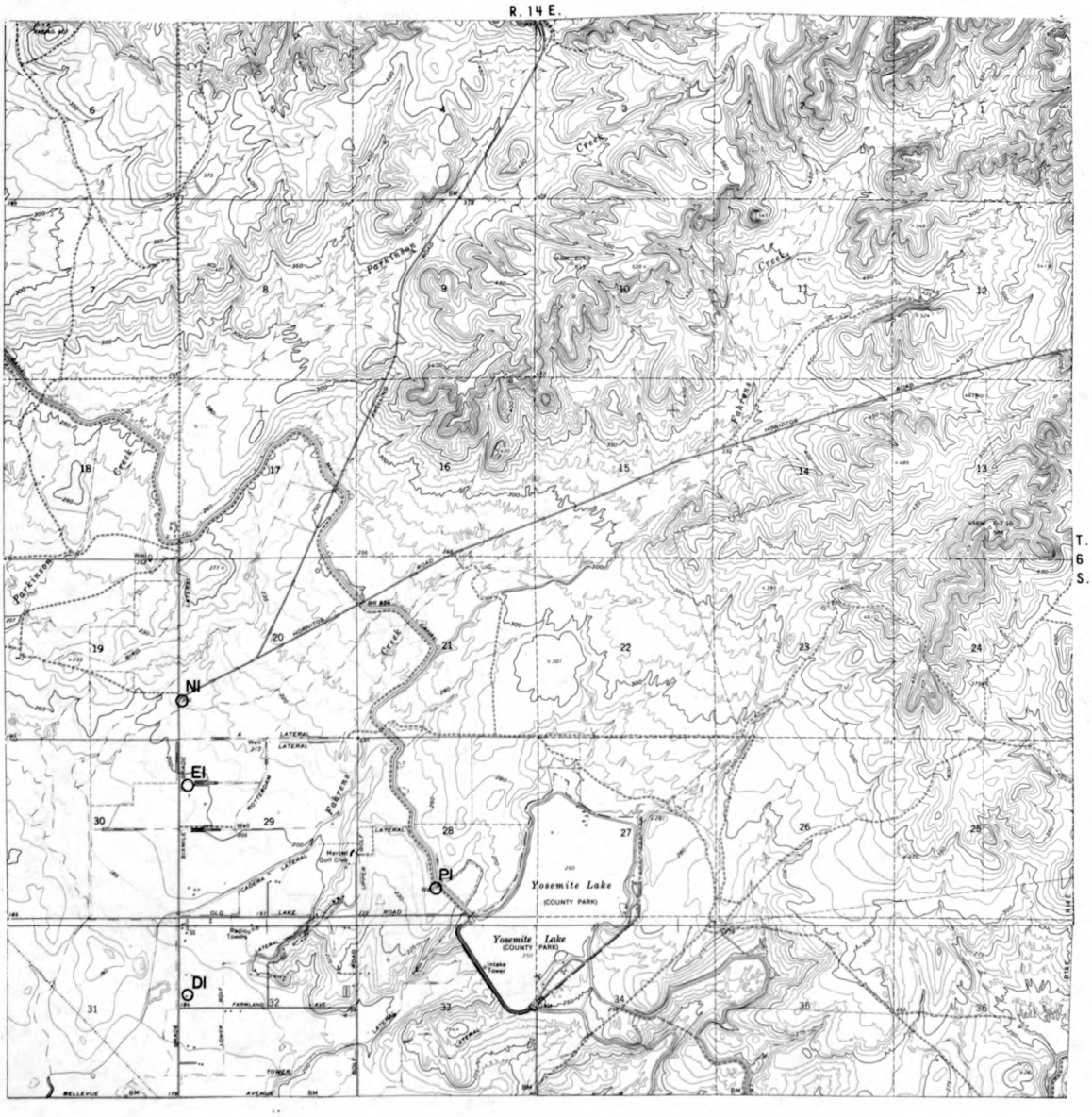
				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

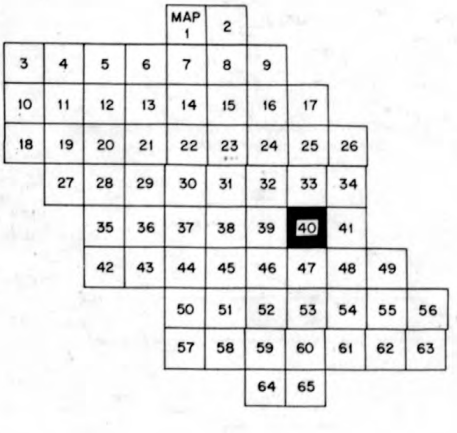
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET





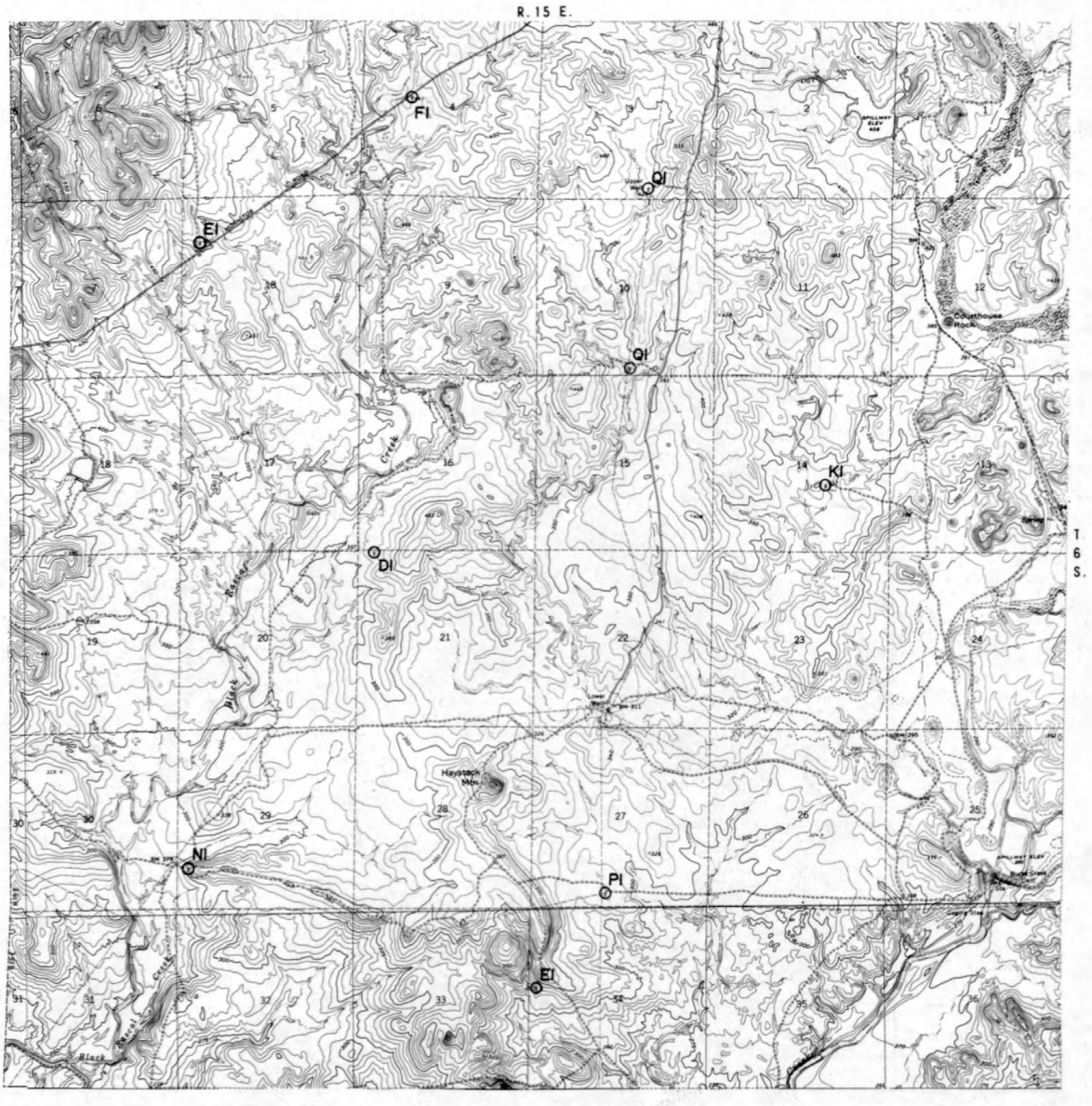
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

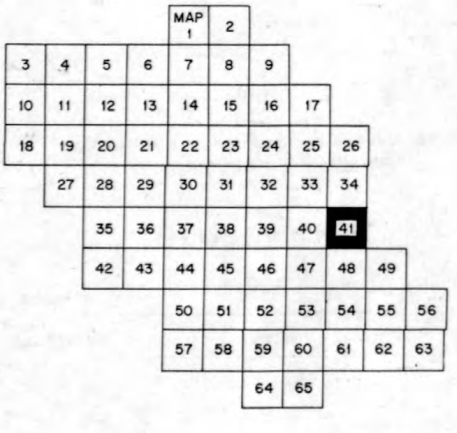
⊕
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

MAP 41





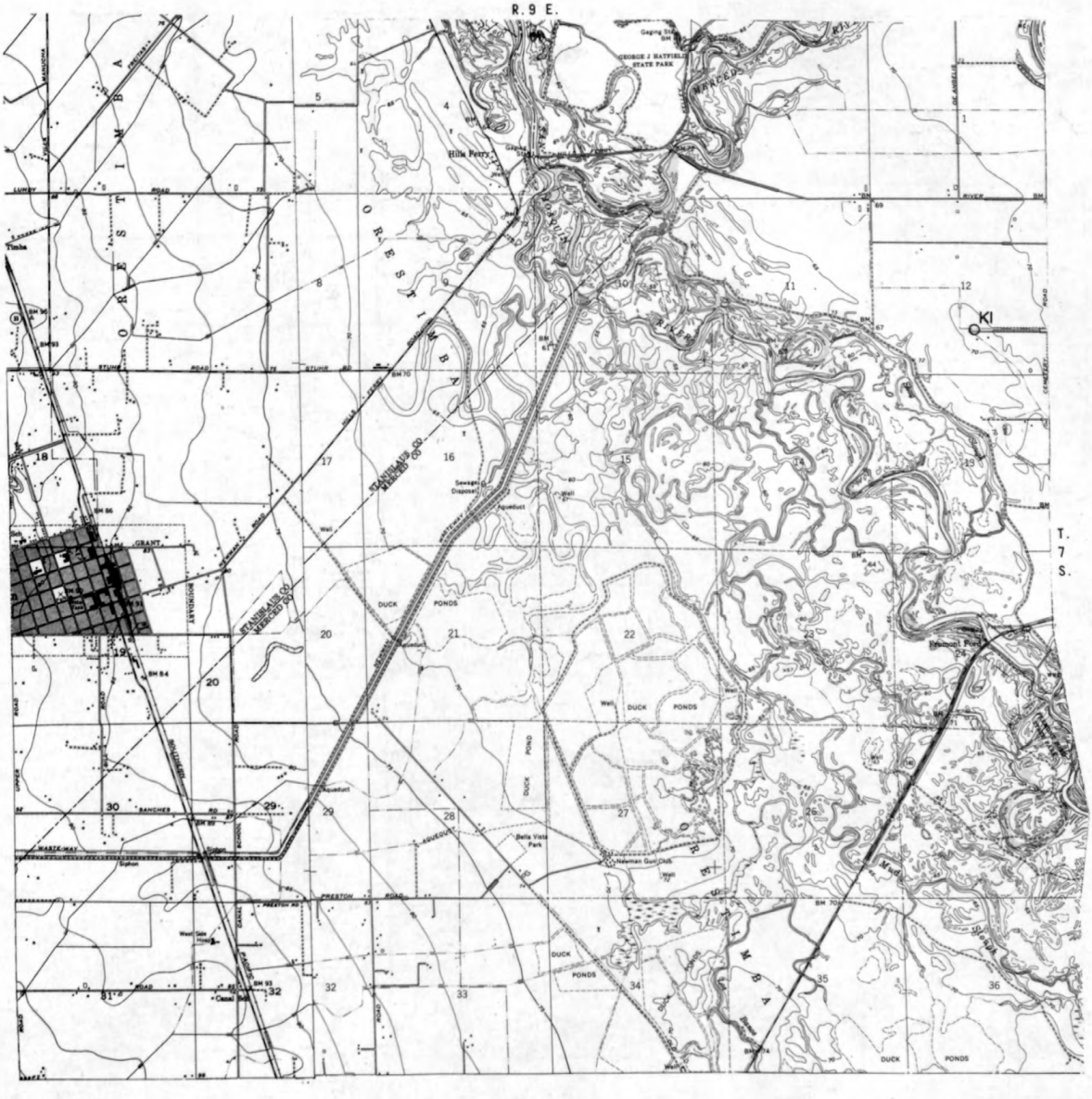
○AI,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

MAP 42



				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

MAP 43

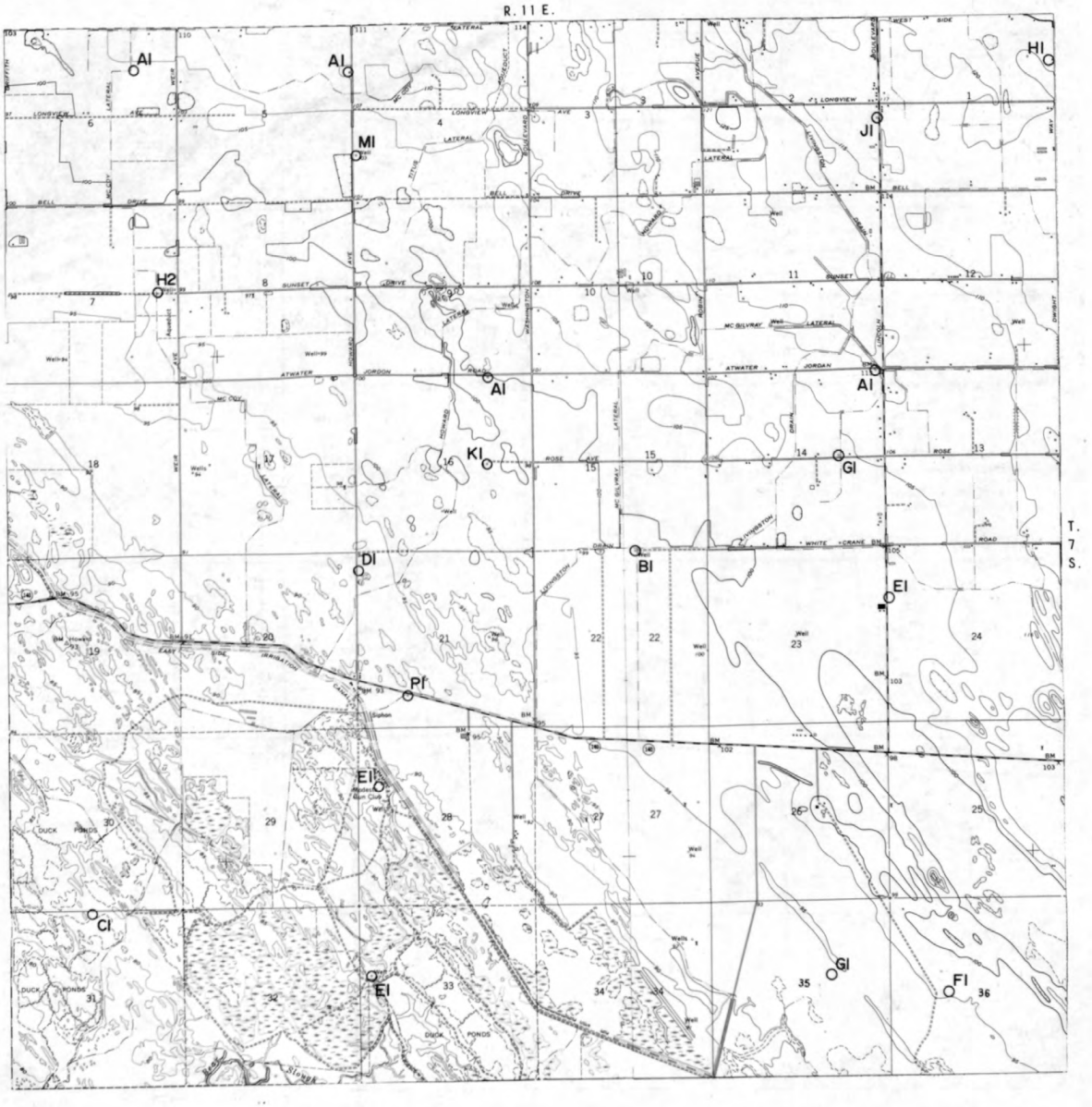
				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

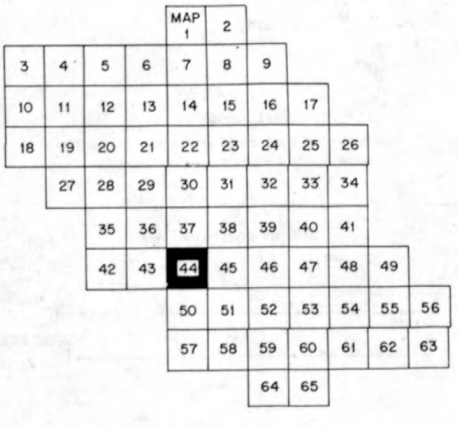
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET



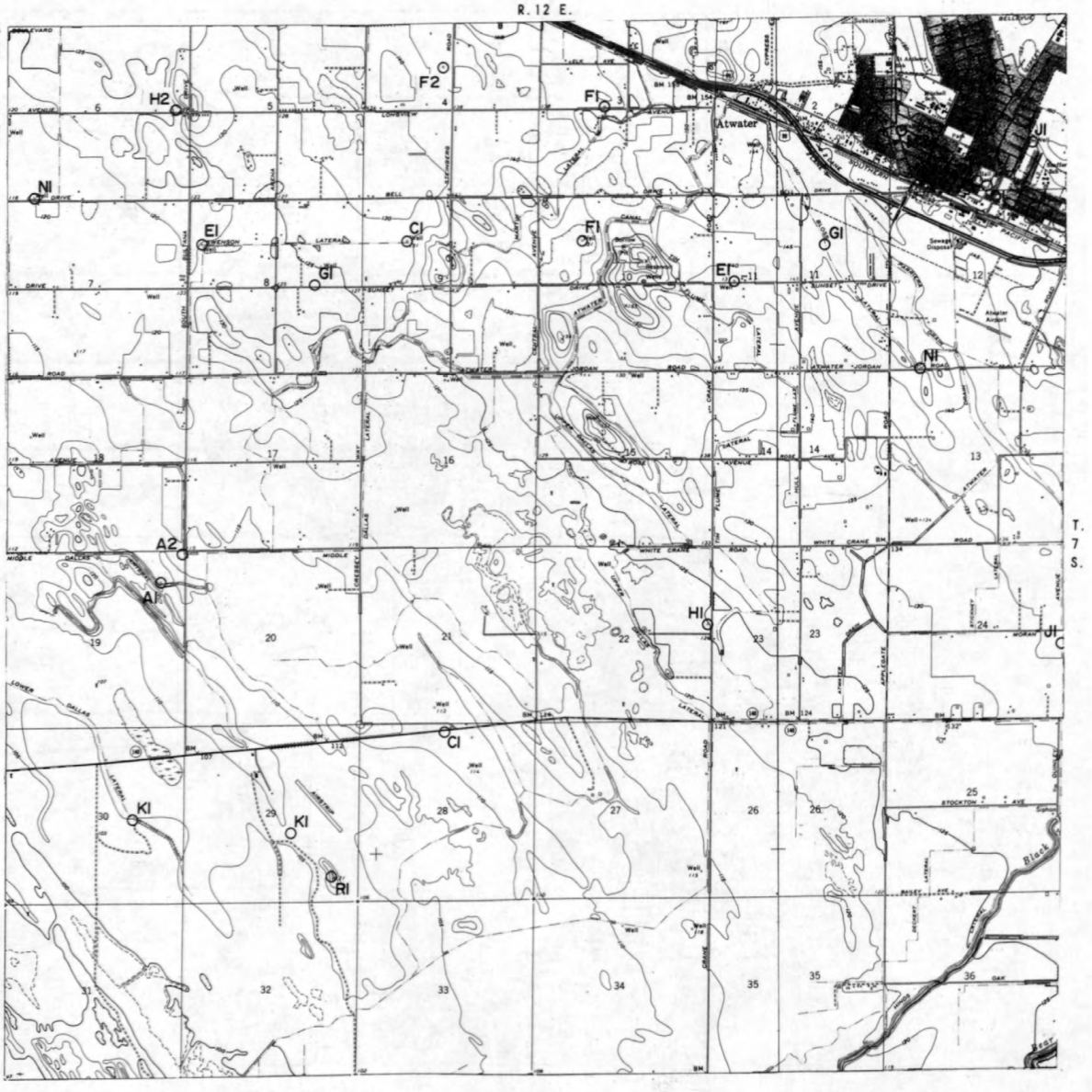


○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES
0 5,000 10,000 FEET

MAP 45

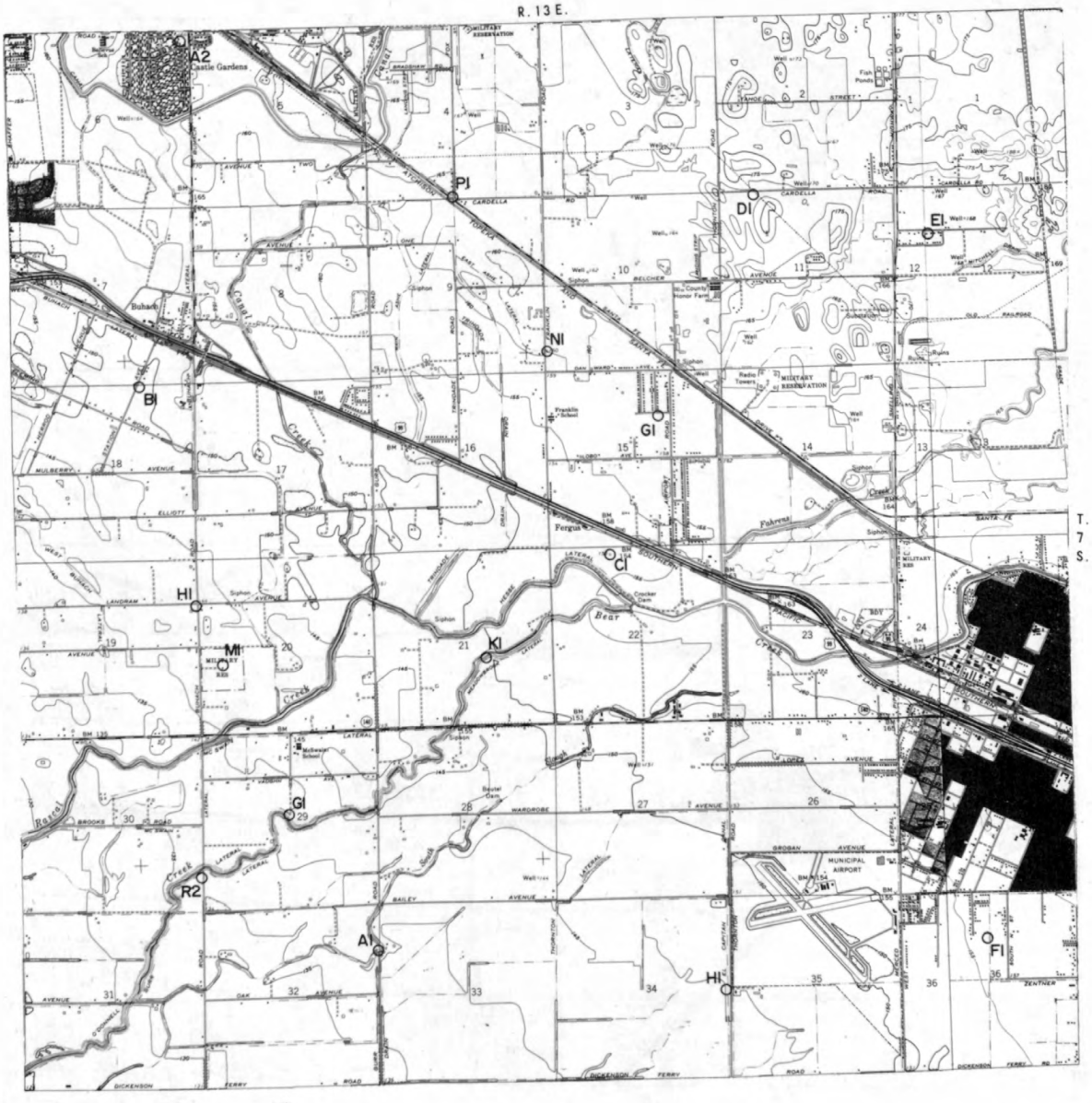


				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES
0 5,000 10,000 FEET



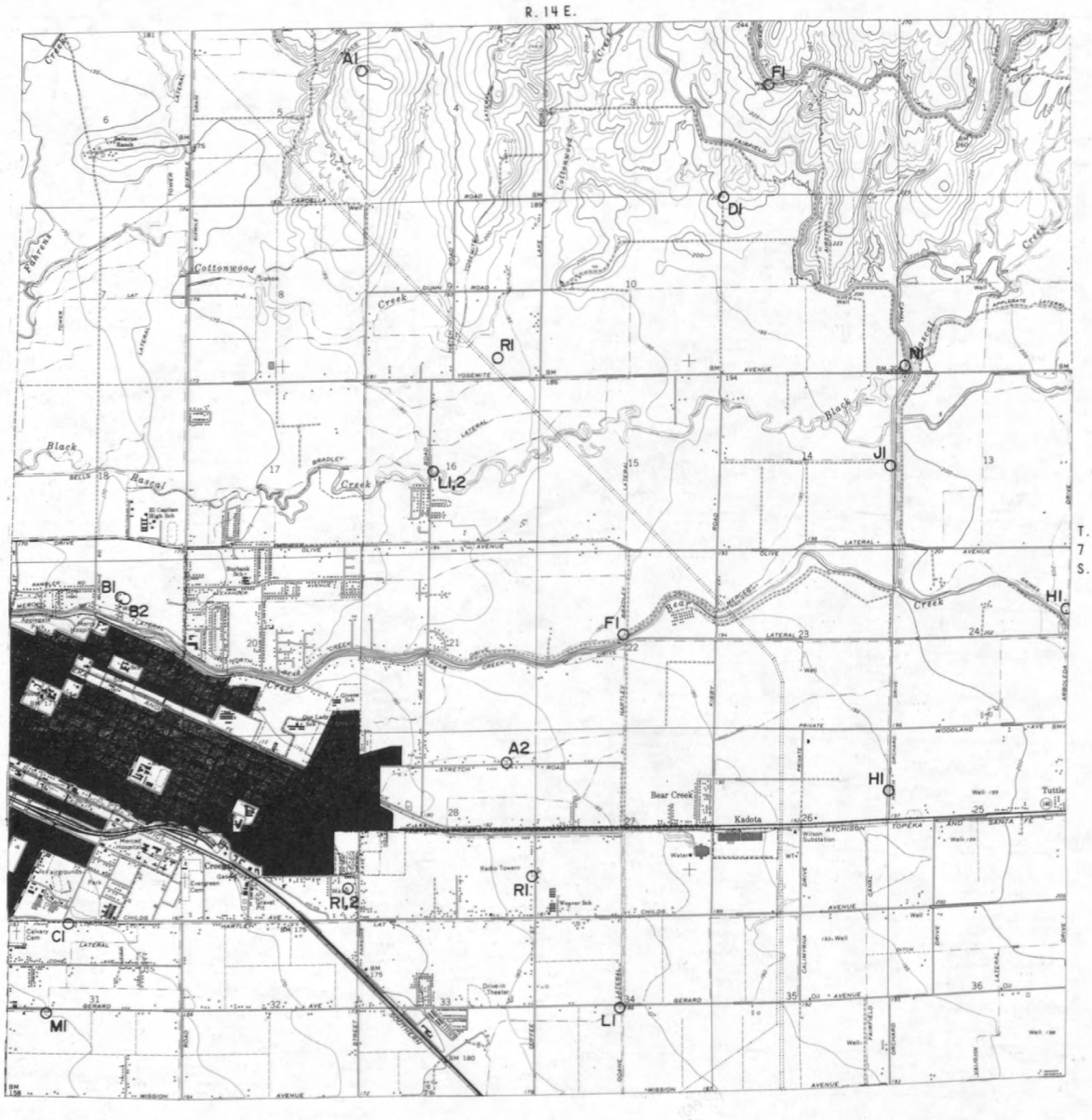
				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

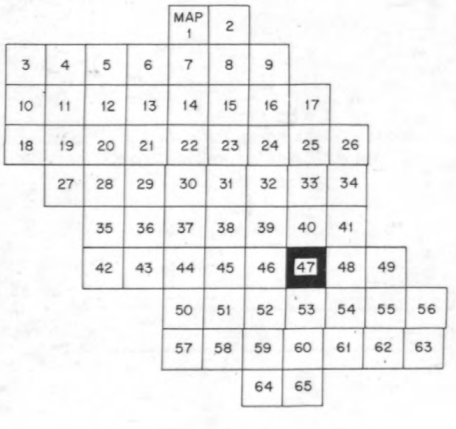
○AI,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site or destroyed well

0 1 2 MILES
0 5,000 10,000 FEET

MAP 47

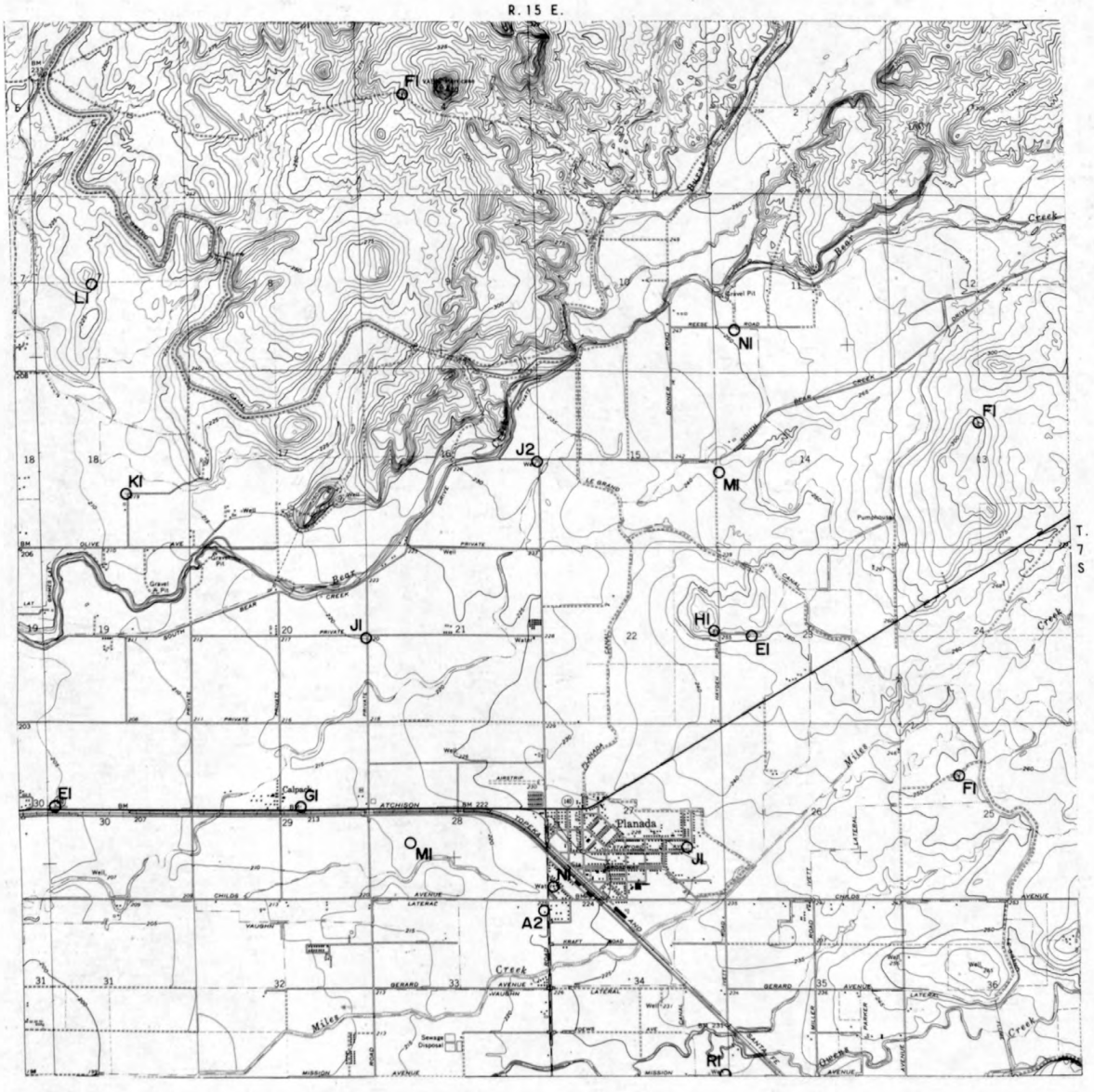




○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES
0 5,000 10,000 FEET



				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

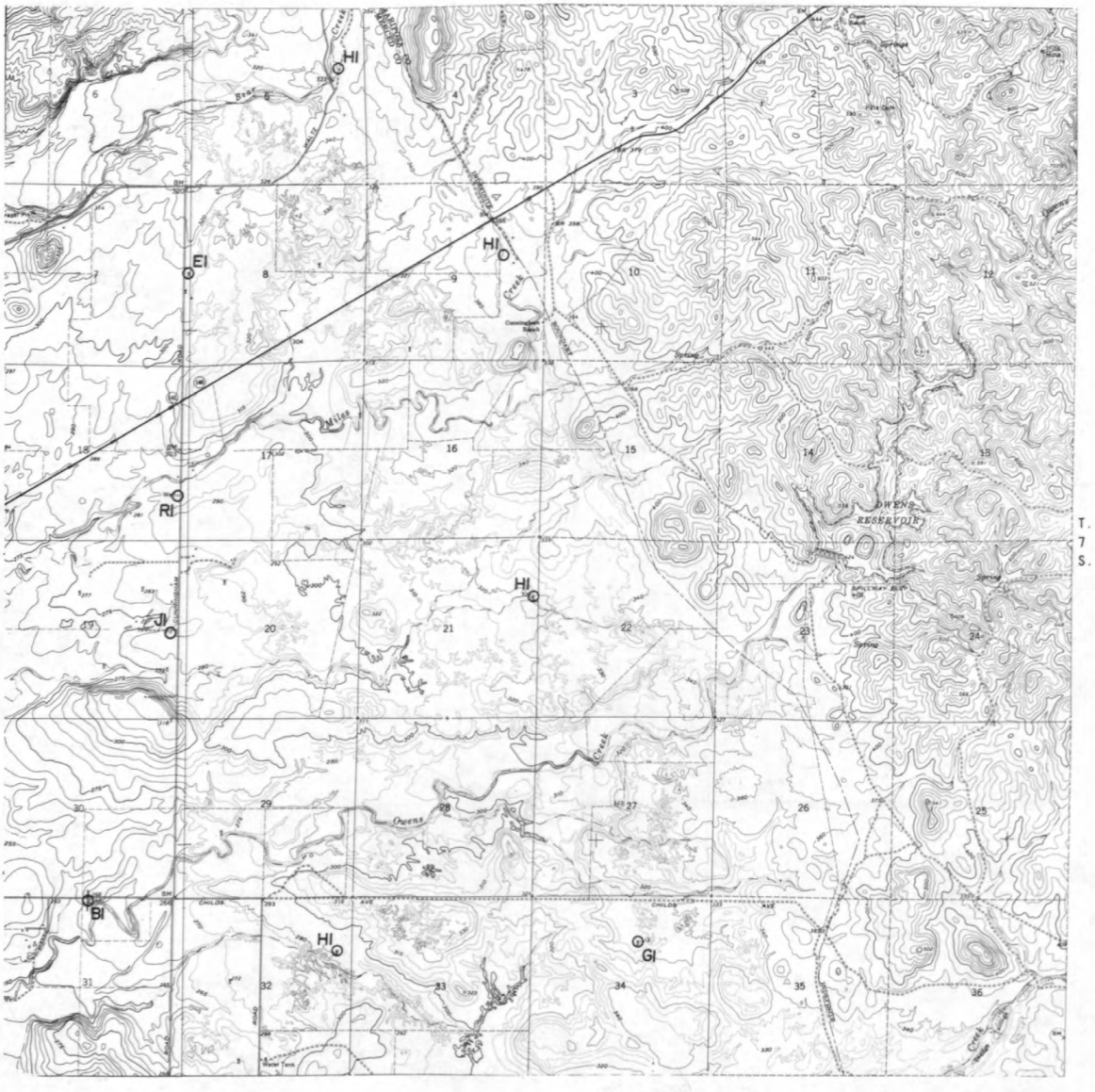
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

MAP 49



				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

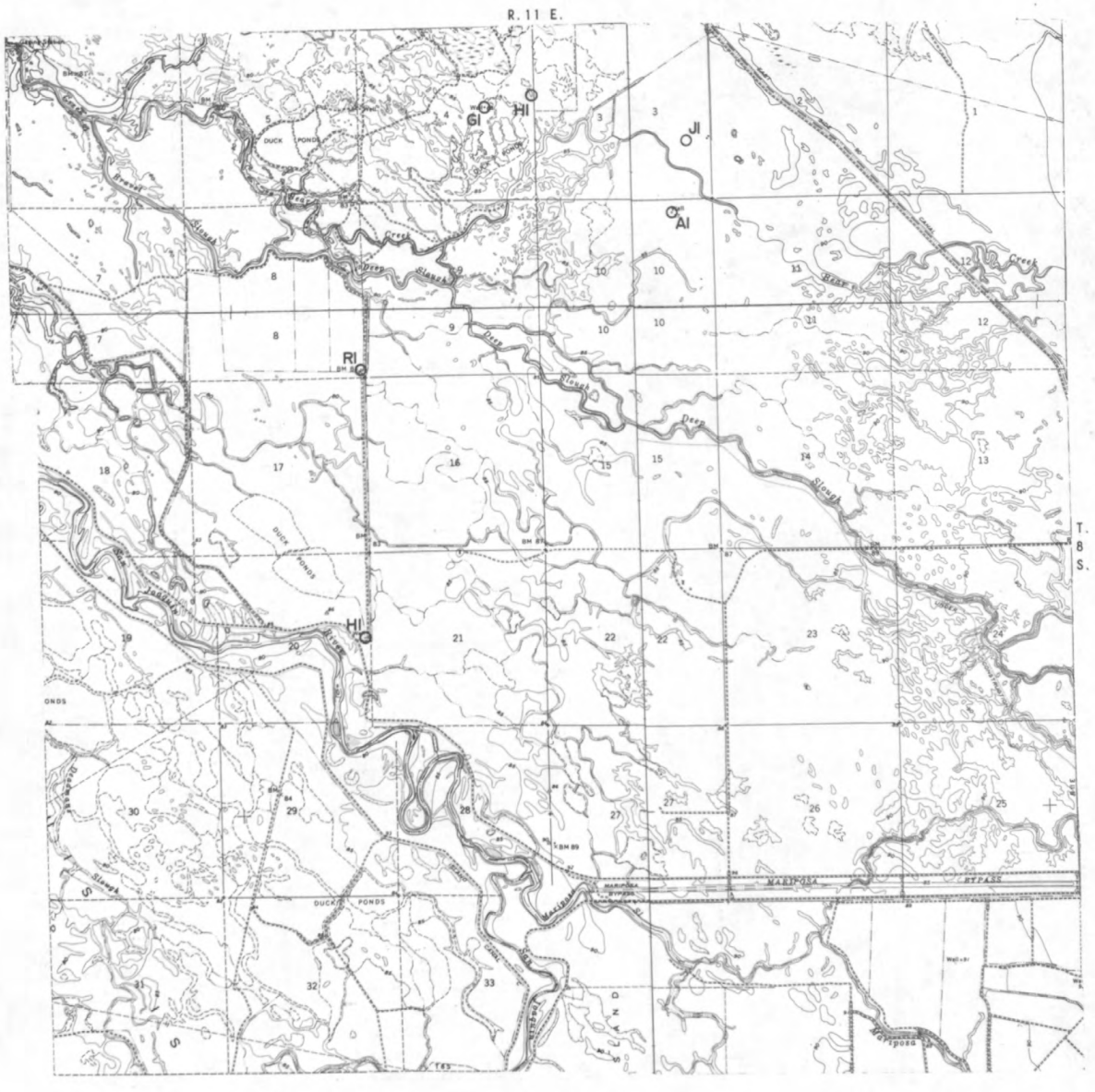
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

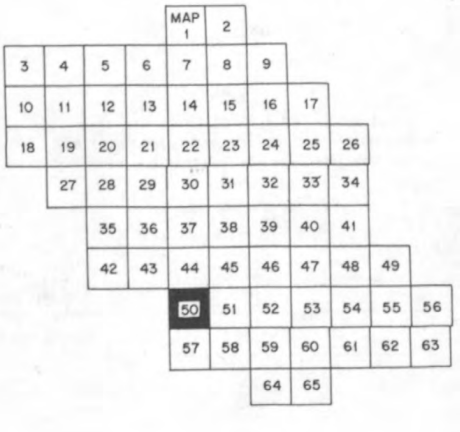
ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

MAP 50



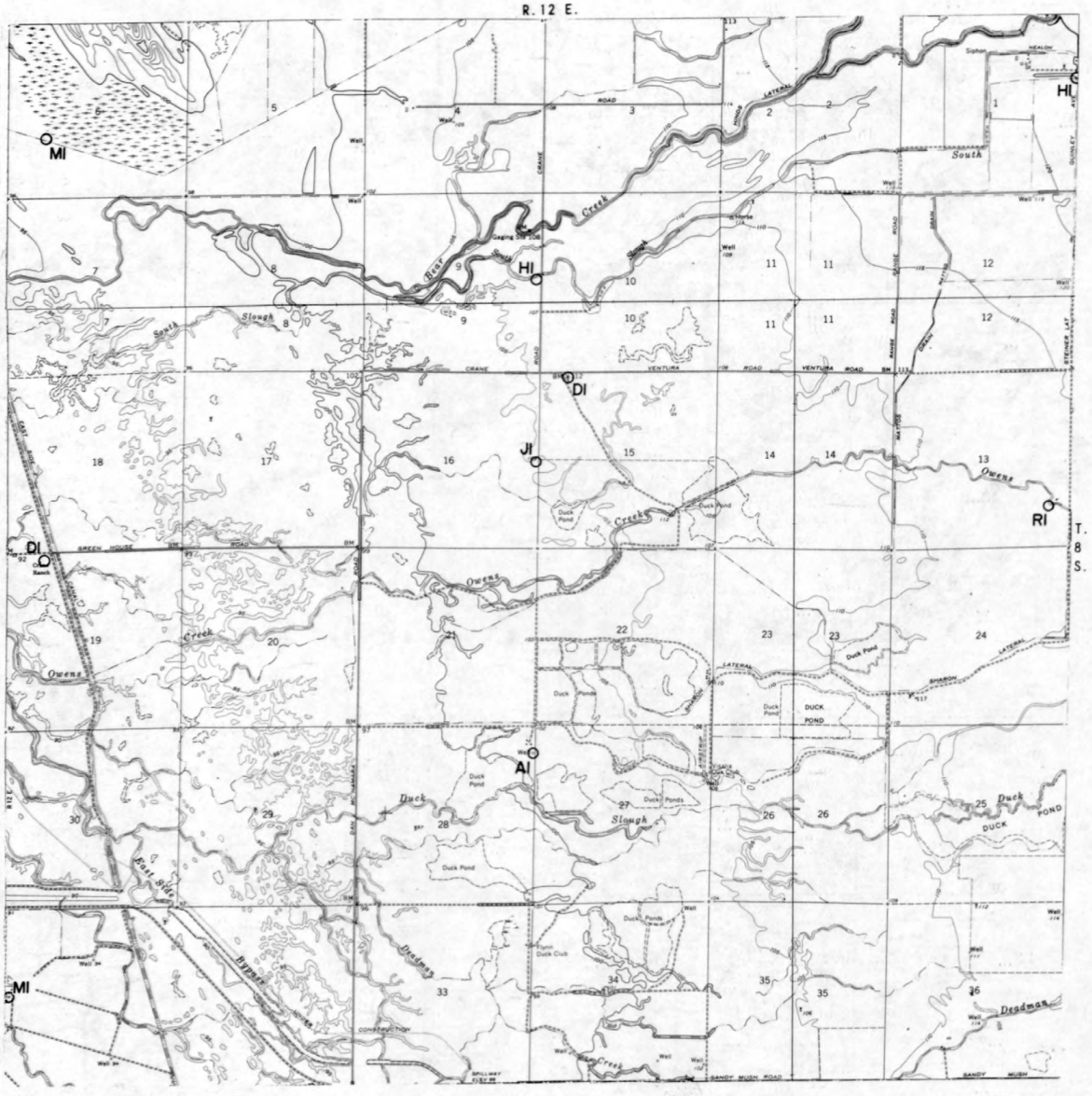


○AI,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES
0 5,000 10,000 FEET

MAP 51



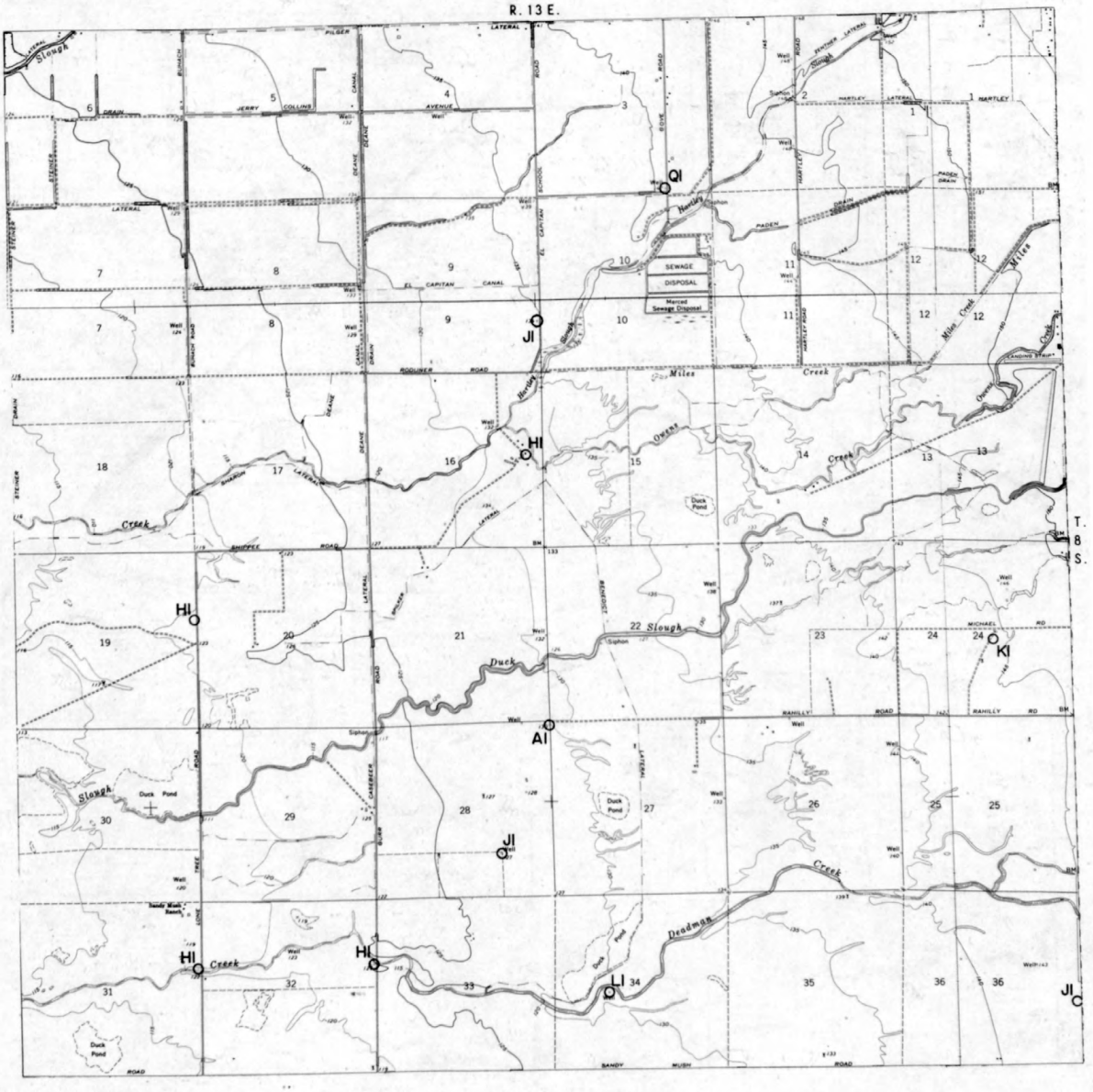
				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

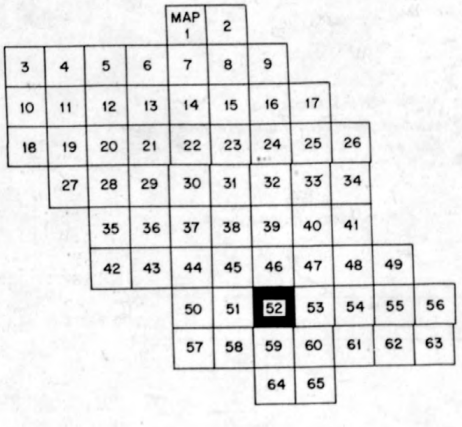
○AI,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET



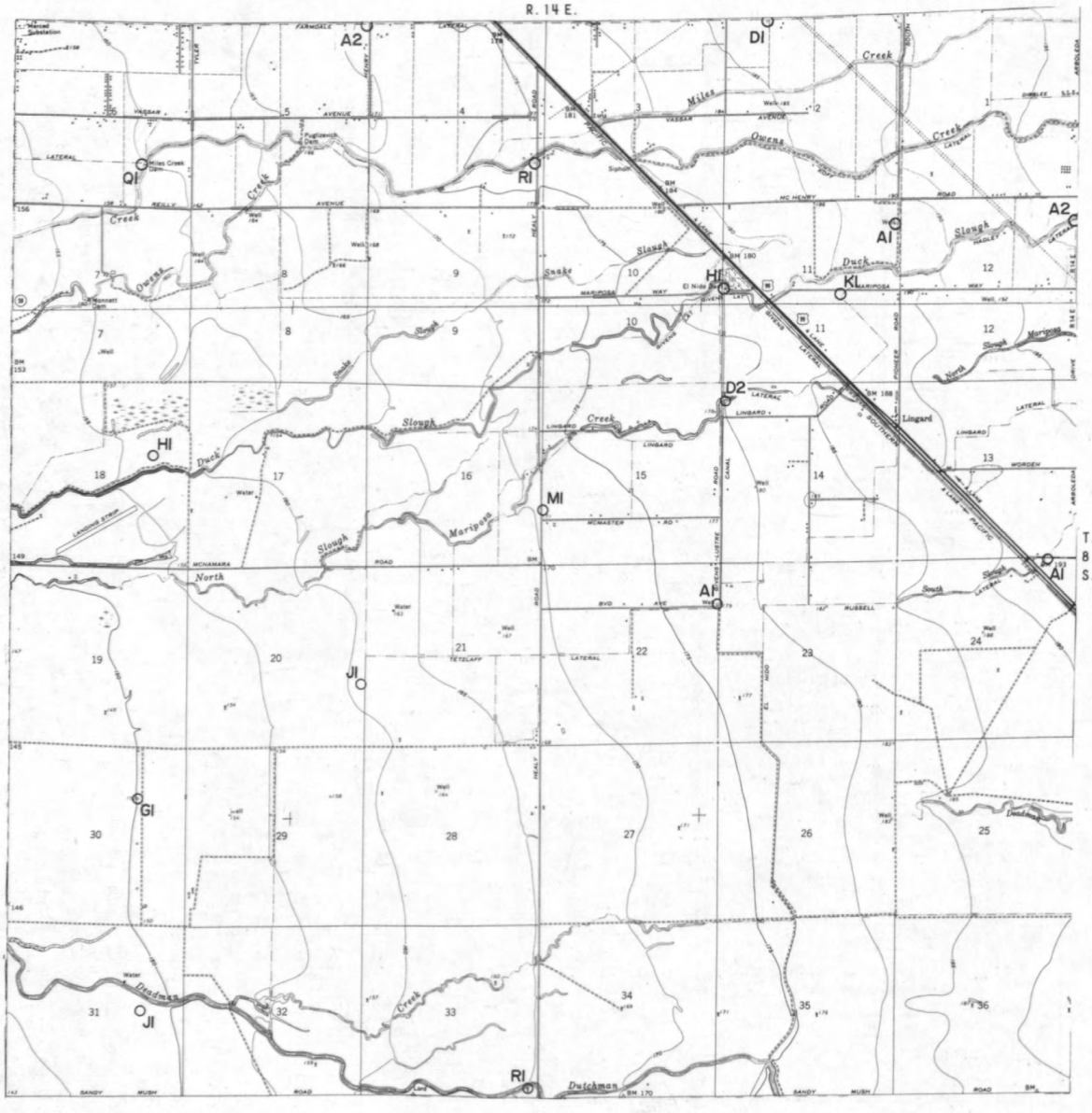


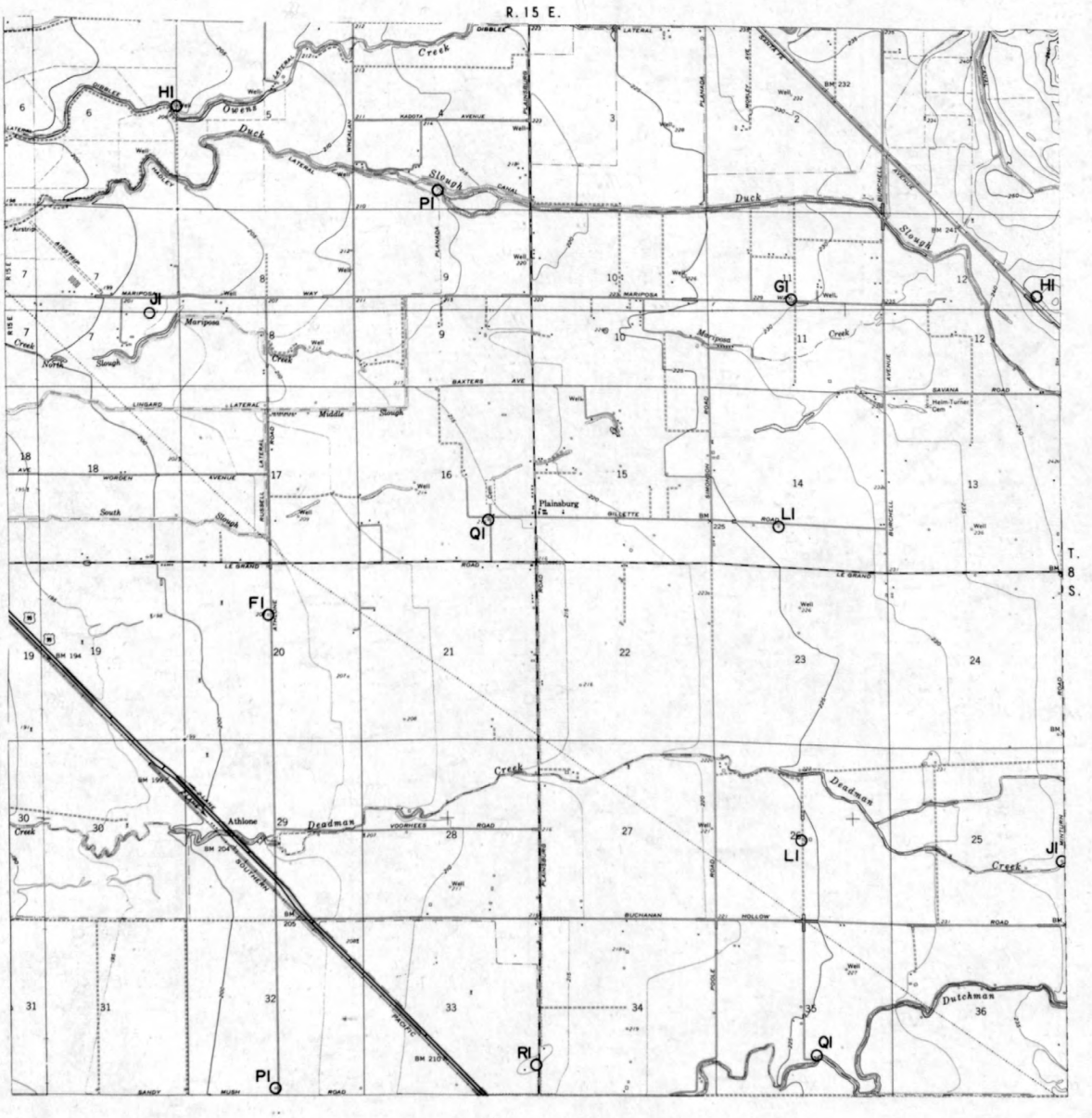
○AI,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES
0 5,000 10,000 FEET

MAP 53


R. 14 E.
T. 8 S.
A2
D1
Q1
R1
A1
H1
K1
D2
M1
J1
G1
Creek
Slough
Duck
Owens
Miles
Snake
Mariposa
North
Deadman
Dutchman
Lingard
MAP 1 2
3 4 5 6 7 8 9
10 11 12 13 14 15 16 17
18 19 20 21 22 23 24 25 26
27 28 29 30 31 32 33 34
35 36 37 38 39 40 41
42 43 44 45 46 47 48 49
50 51 52 53 54 55 56
57 58 59 60 61 62 63
64 65
A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle
Site of destroyed well
0 1 2 MILES
0 5,000 10,000 FEET



				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

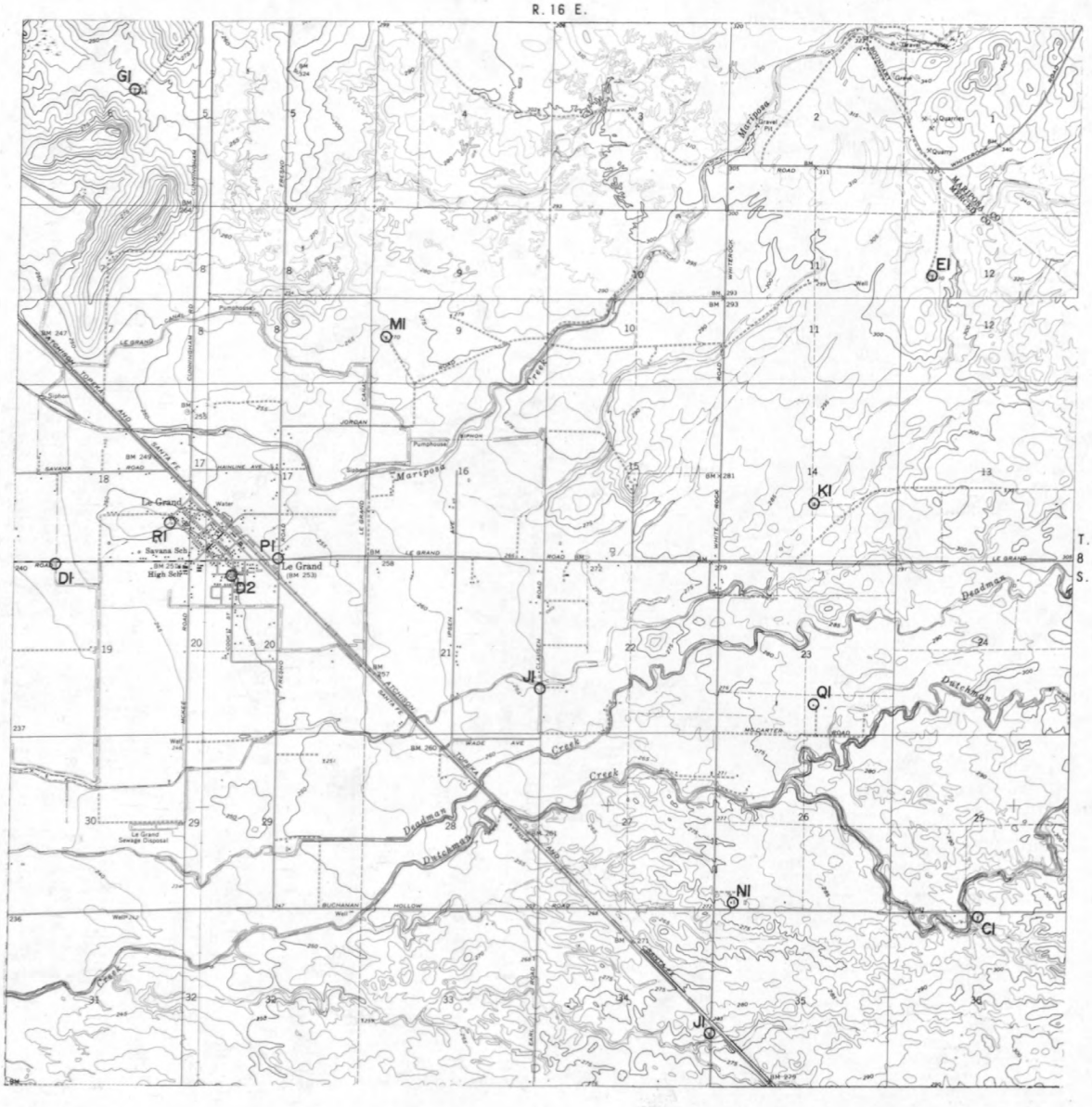
○A1, 2, 3
Well location
Consecutive numbers indicate more than one well located within circle

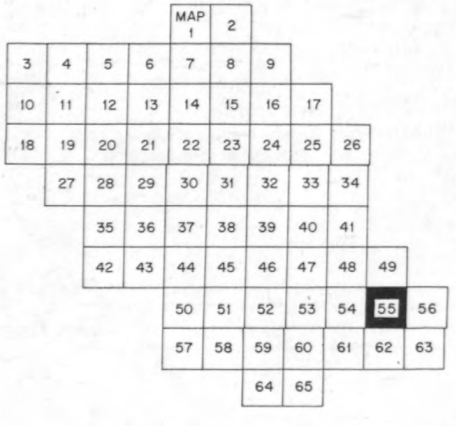
ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

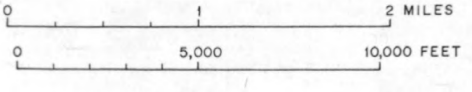
MAP 55



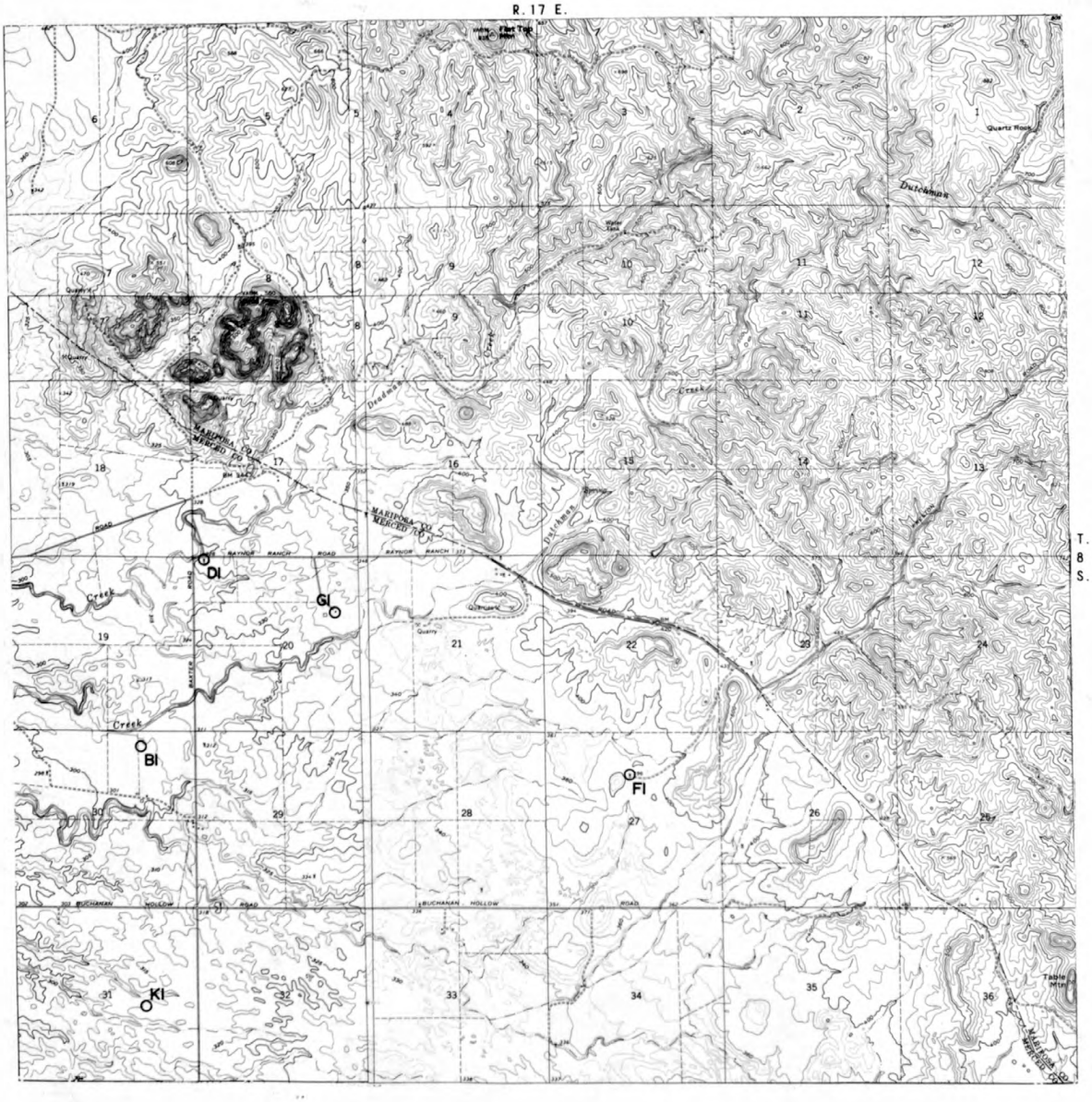


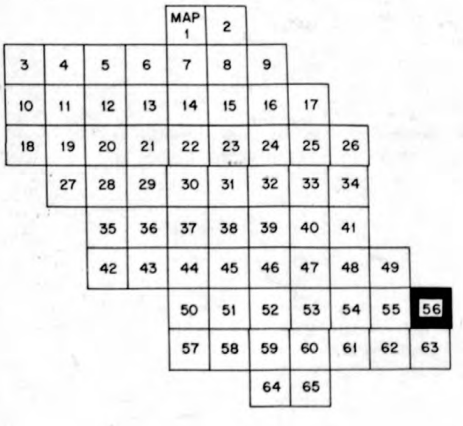
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well



MAP 56





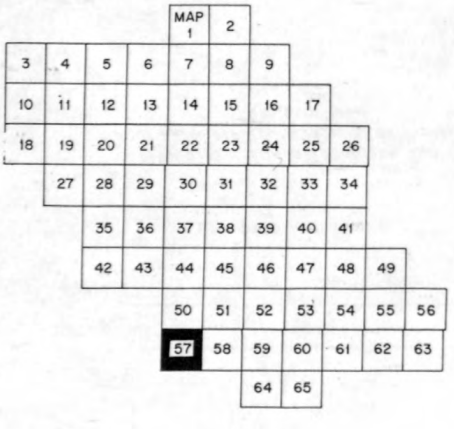
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

MAP 57

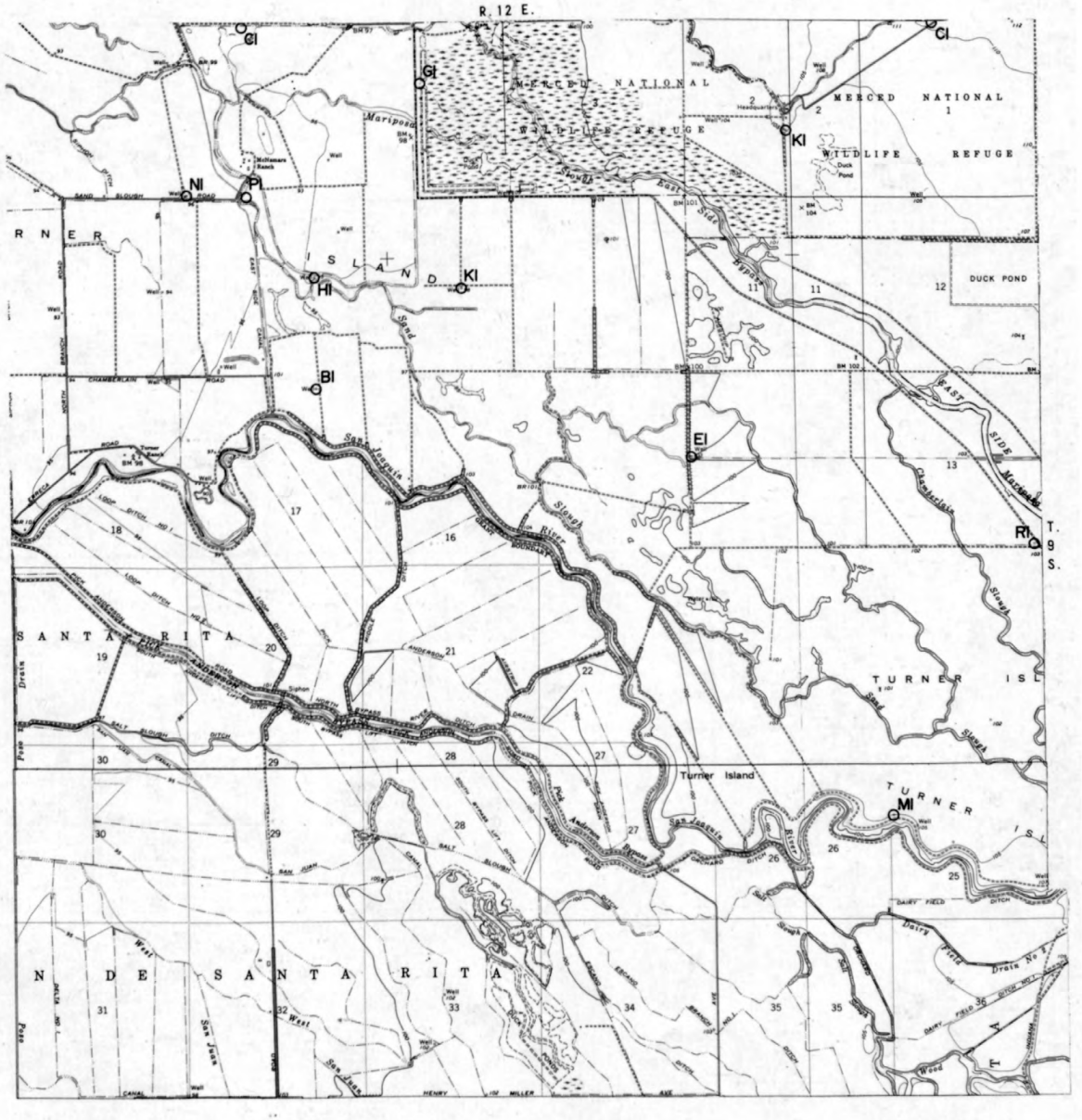


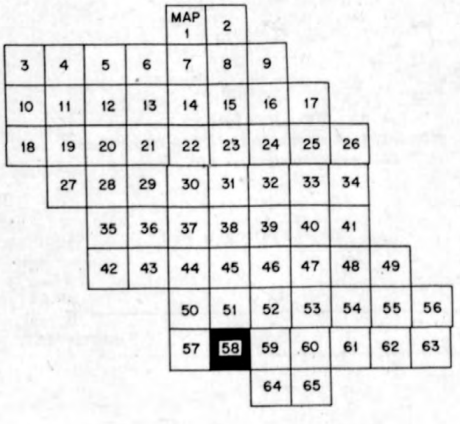
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES
0 5,000 10,000 FEET

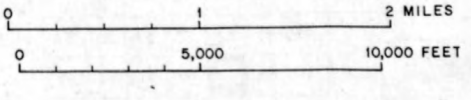
MAP 58



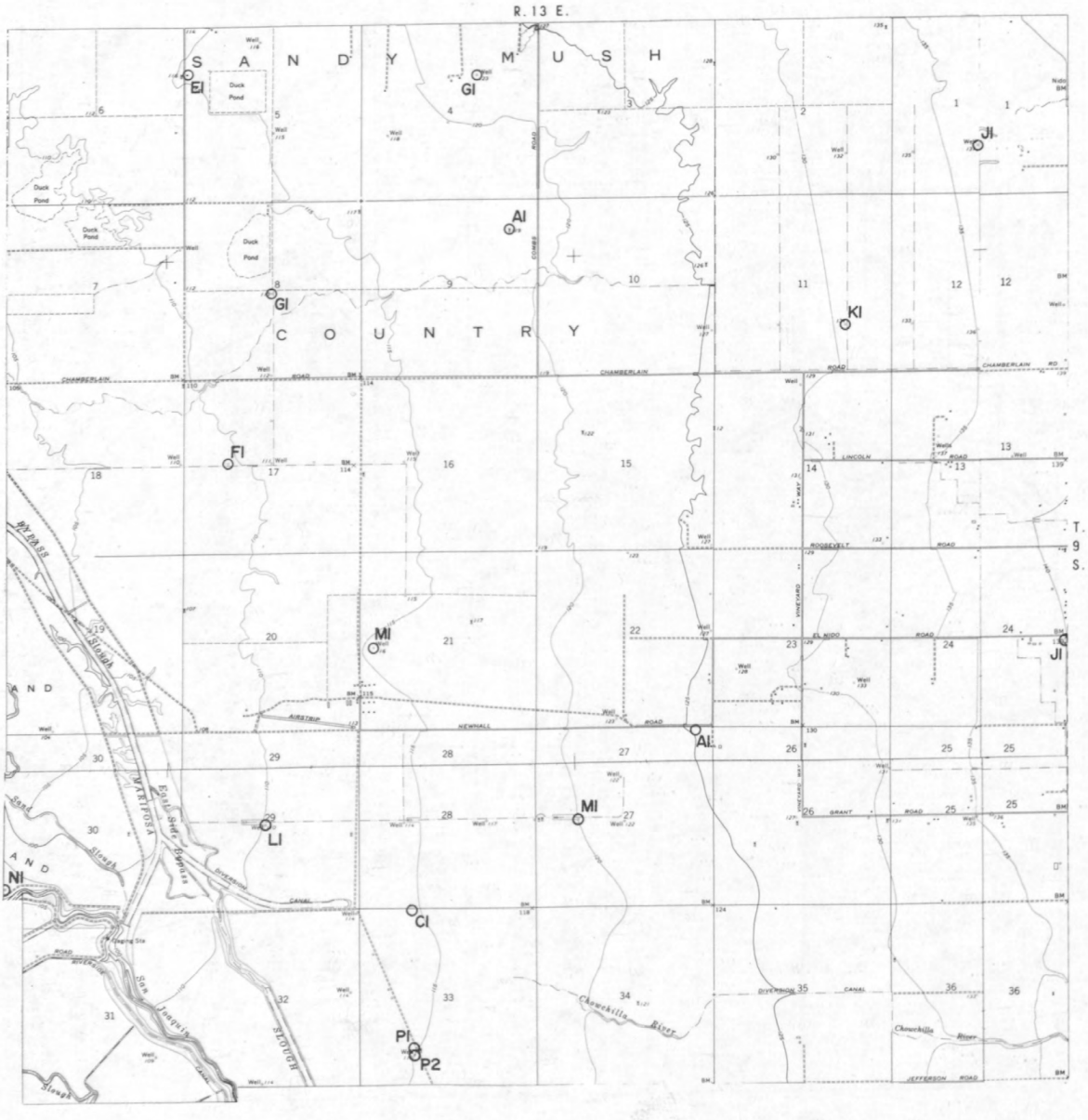


○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well



MAP 59



				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

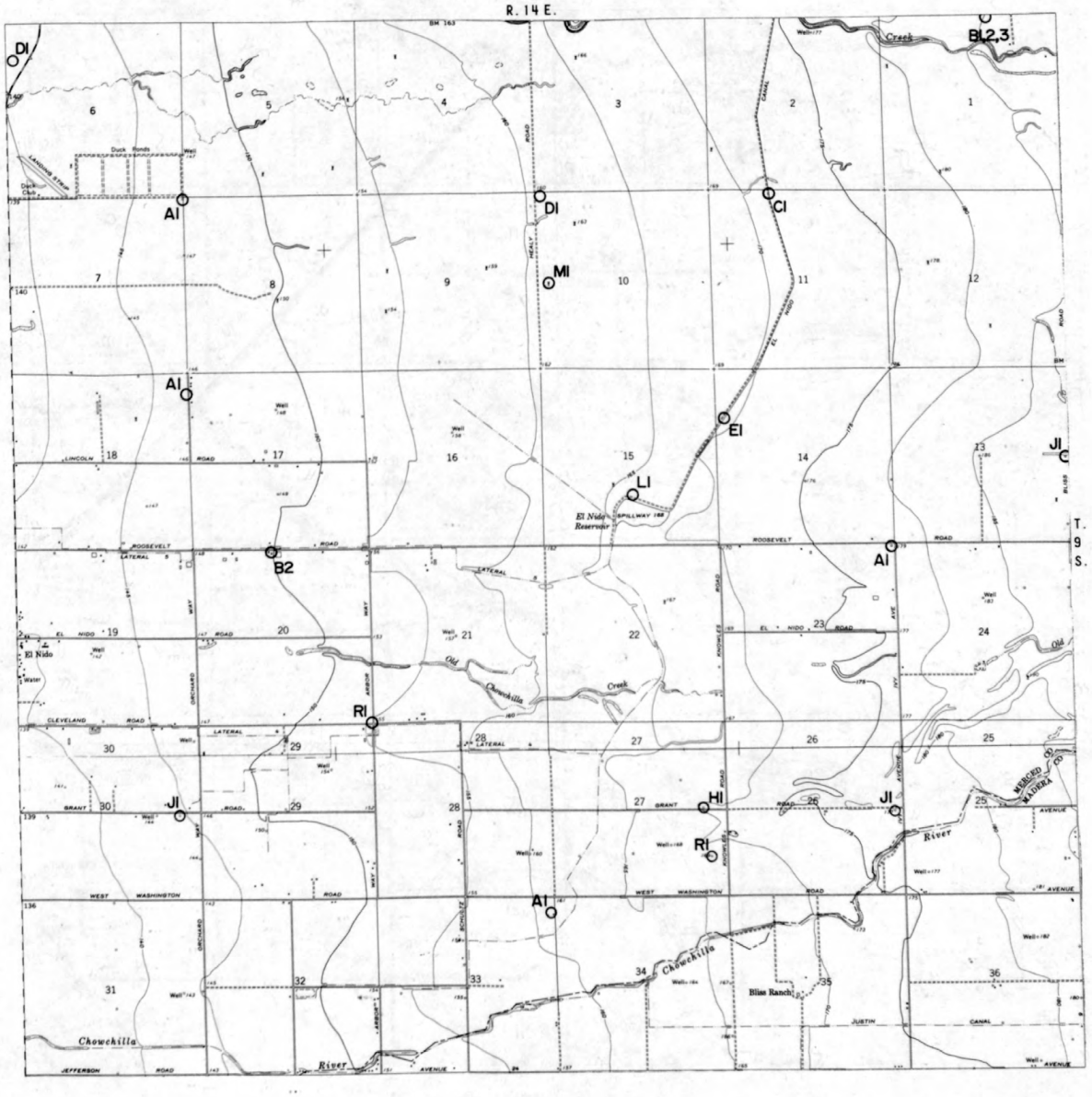
○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

MAP 60



				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	**60**	61	62	63
						64	65			

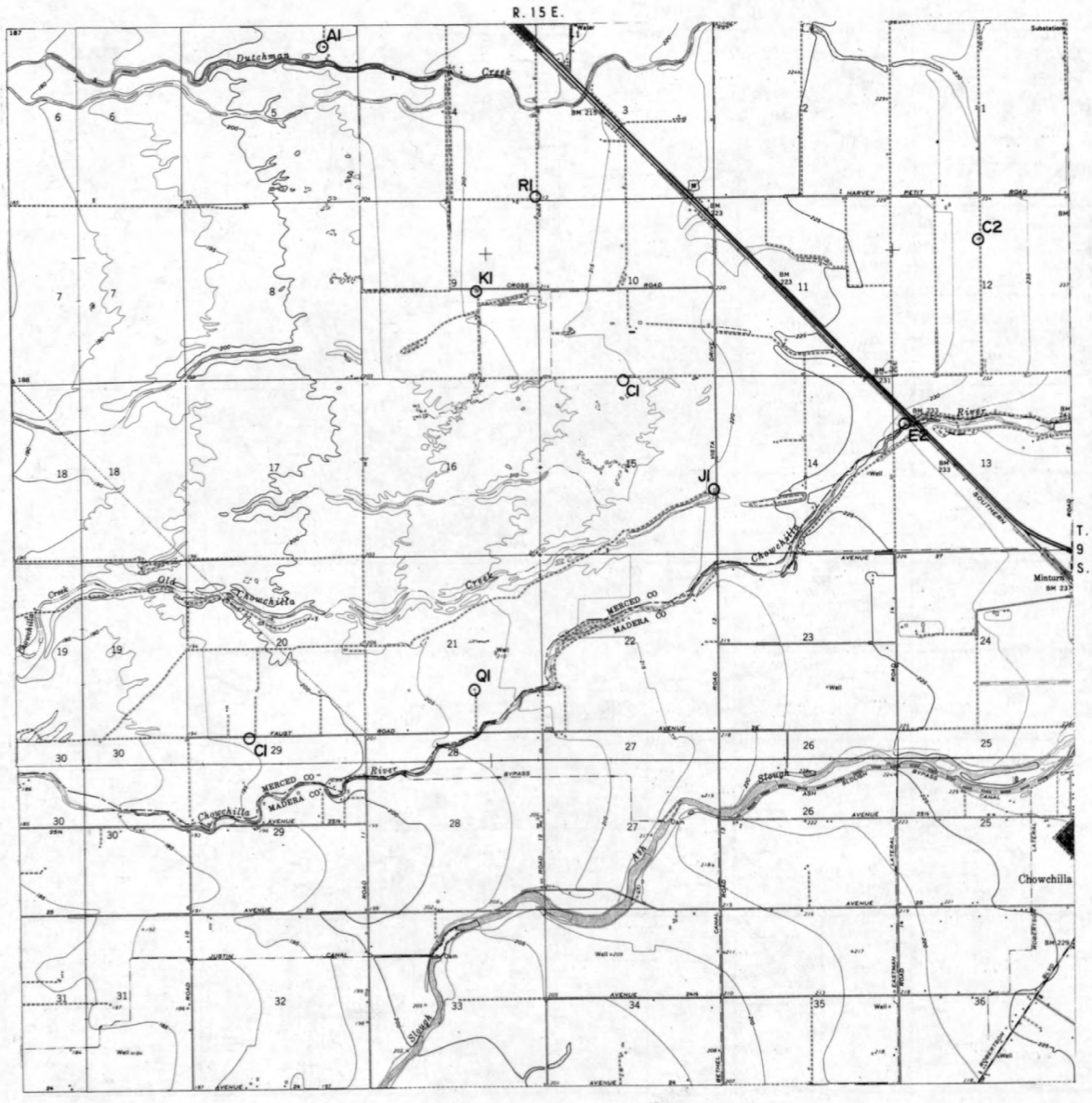
○AI,2,3
Well location
Consecutive numbers indicate more than one well located within circle

Φ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET

MAP 61



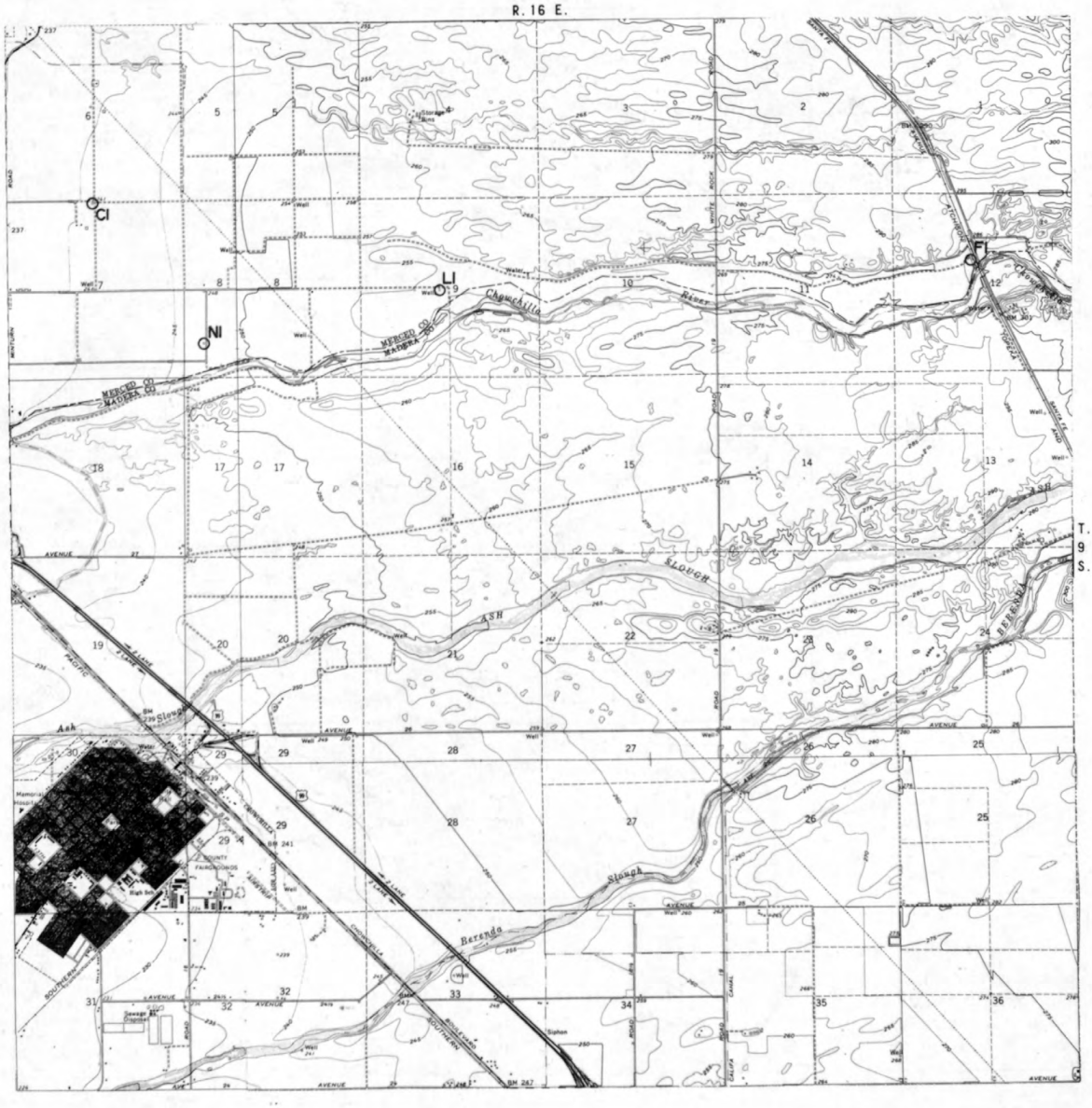
				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES

0 5,000 10,000 FEET



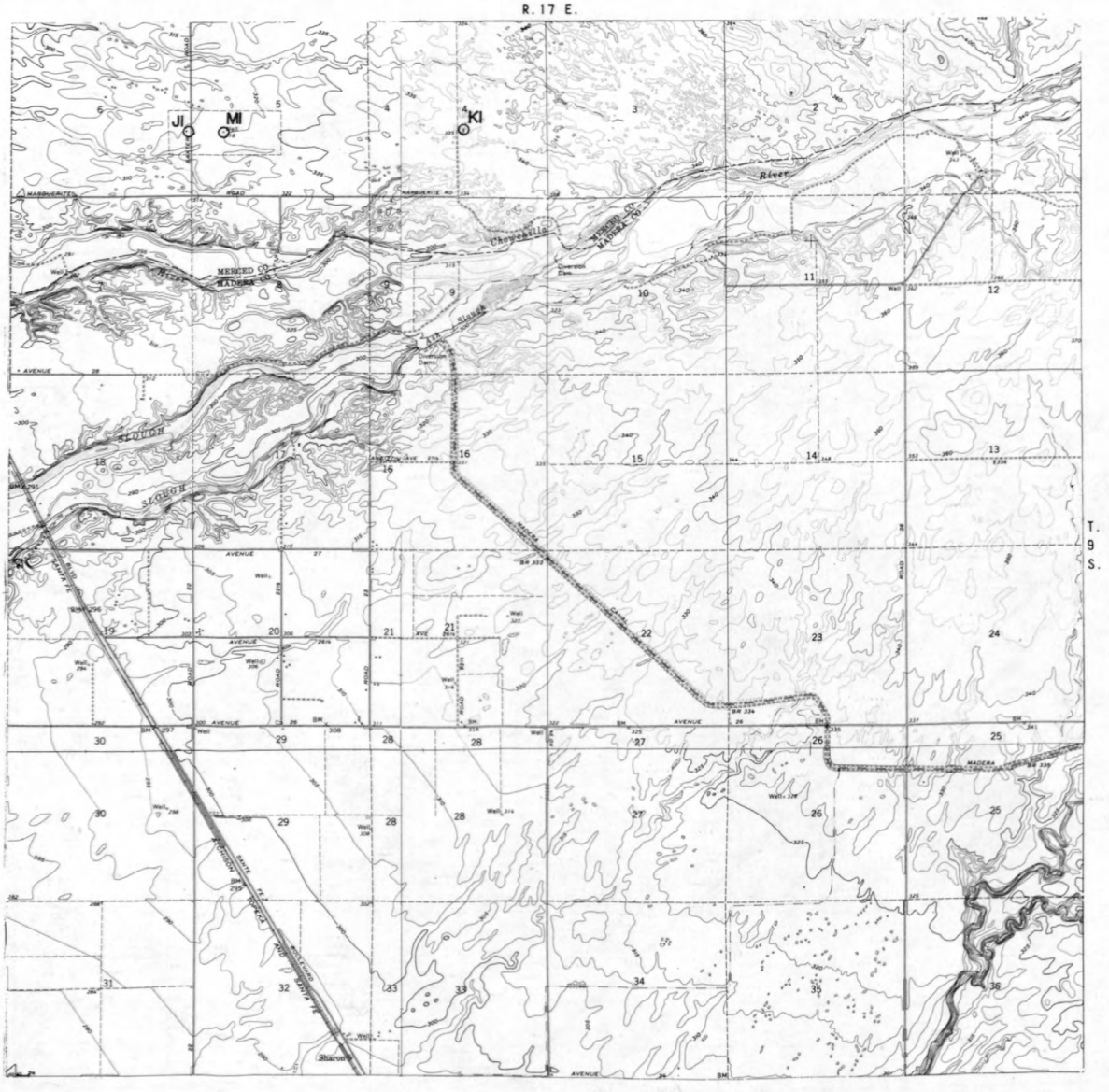
				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

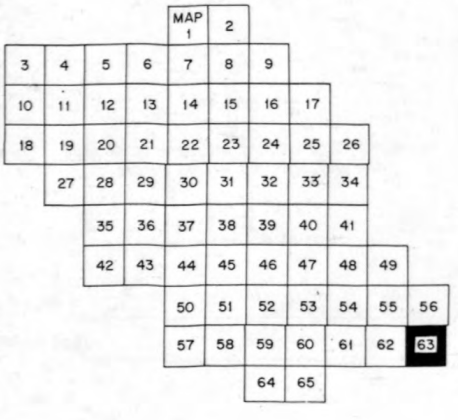
oA1, 2, 3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES
0 5,000 10,000 FEET

MAP 63

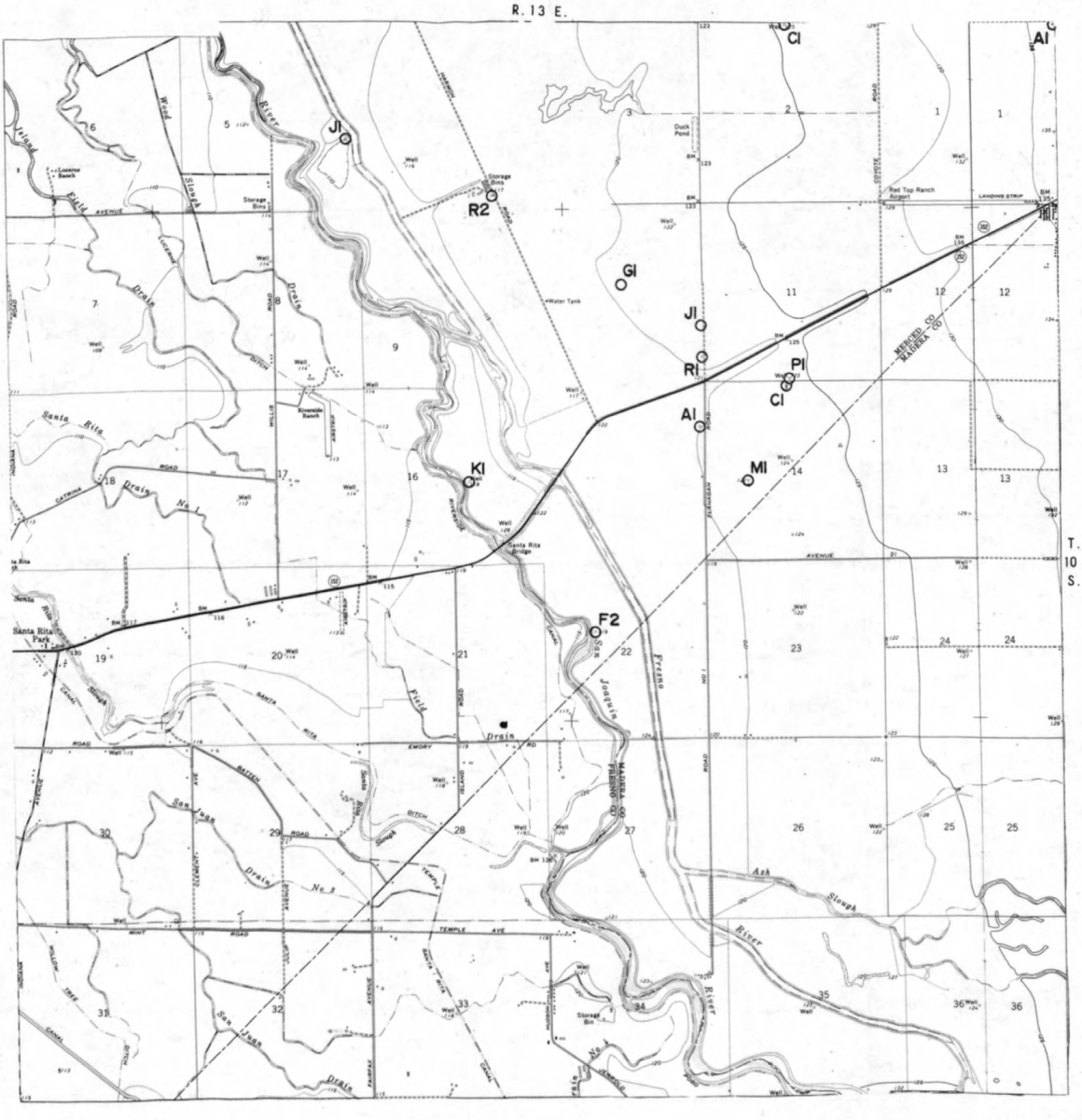




○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES
0 5,000 10,000 FEET



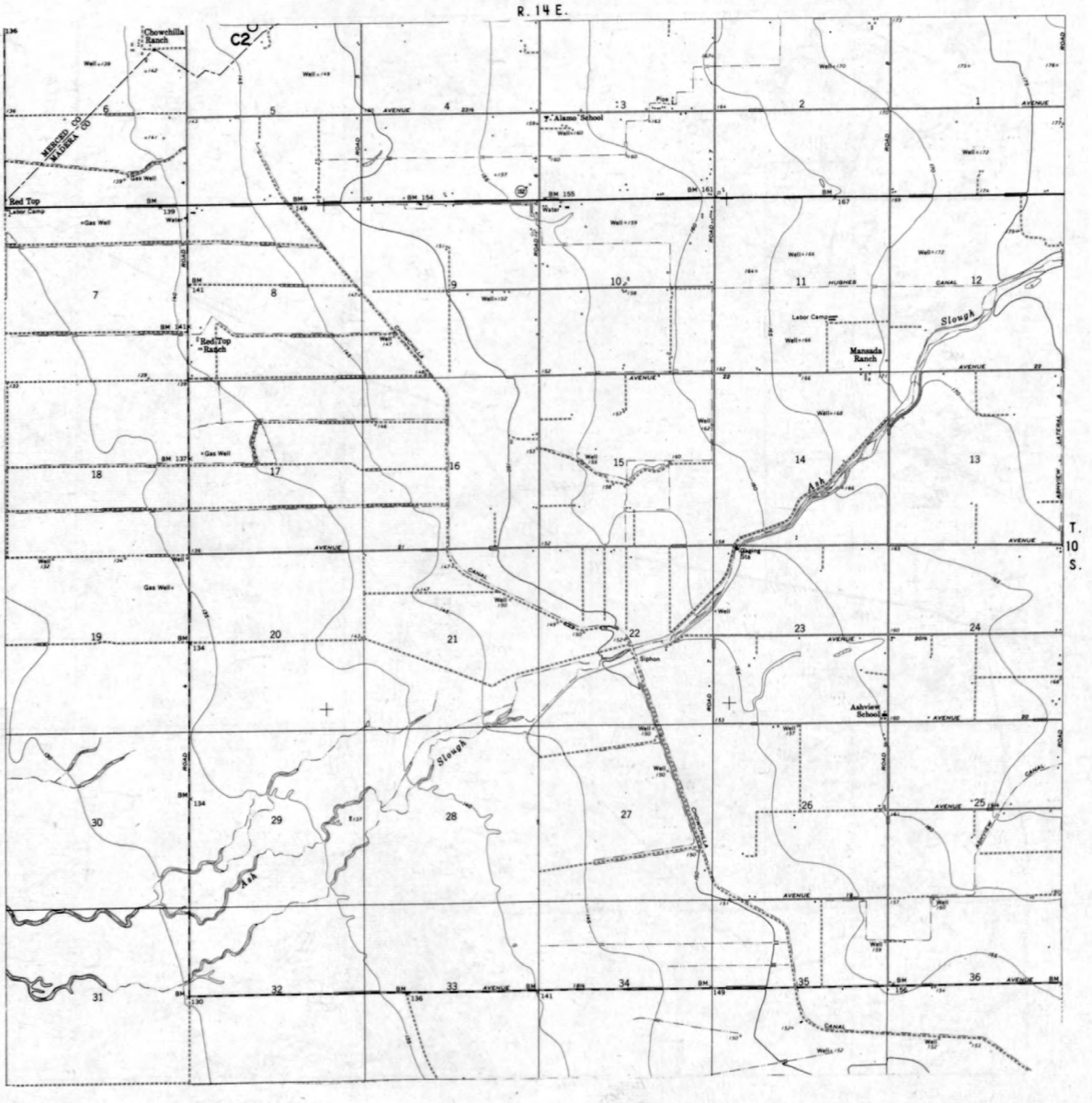
				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

○Al,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES
0 5,000 10,000 FEET

MAP 65



				MAP 1	2			
3	4	5	6	7	8	9		
10	11	12	13	14	15	16	17	
18	19	20	21	22	23	24	25	26
	27	28	29	30	31	32	33	34
		35	36	37	38	39	40	41
		42	43	44	45	46	47	48	49
				50	51	52	53	54	55	56
				57	58	59	60	61	62	63
						64	65			

○A1,2,3
Well location
Consecutive numbers indicate more than one well located within circle

ϕ
Site of destroyed well

0 1 2 MILES
0 5,000 10,000 FEET

GPO 981-420