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HYDROGEOLOGIC DATA FROM THE NORTHERN POWDER RIVER BASIN, SOUTHEASTERN MONTANA

by Steven E. Slagle and James R. Stimson

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CECIL D. ANDRUS, Secretary

GEOLOGICAL SURVEY

H. William Menard, Director

For additional information write to:

U.S. Geological Survey
428 Federal Building
301 South Park
Drawer 10076
Helena, Montana 59601

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METRIC CONVERSION TABLE

The following factors can be used to convert inch-pound units in this report to the International System (SI) of metric units.

Multiply inch-pound unit	By	To obtain SI unit
inch (in.)	25.40	millimeter (mm)
foot (ft)	0.3048	meter (m)
gallon per minute (gal/min)	0.06309	liter per second (L/s)

temperature, degrees Celsius (^{o}C) = 0.556 (^{o}F-32)

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ABSTRACT

Selected hydrologic and geologic data have been collected as part of energy-related projects conducted by the U.S. Geological Survey in the northern Powder River Basin of southeastern Montana. Records of 1924 stock, domestic, irrigation, public supply and test wells are tabulated in the report. The data include well location, depth of well, casing diameter, type of lift, type of power, use of water, principal aquifer, altitude of land surface, water level, discharge, field specific conductance, and water temperature. Locations of the inventoried wells are shown on a map at a scale of 1:500,000. Lithologic logs of 373 wells and test holes are also included. The geologic units considered range in age from Late Cretaceous to Holocene.

INTRODUCTION

The increase of coal development in the Northern Great Plains has created concern about its effects on the water resources. Consequently, the U.S. Geological Survey, in cooperation with the Montana Bureau of Mines and Geology and the U.S. Bureau of Land Management, initiated an investigation to determine the effects of strip mining and related developments on the hydrology of the northern Powder River Basin. Part of that investigation involved increased collection of information about wells. This report, which resulted from the data collection, is intended to serve two purposes: (1) to provide baseline ground-water data that will be useful in evaluating the effects of development on ground-water resources, and (2) to supplement an interpretive report describing the effects of development in the northern Powder River Basin.

The area of study for this report is bounded on the north by the Yellowstone River, on the east by the Powder and Little Powder Rivers, on the south by the Montana-Wyoming State line, and on the west by the Bighorn and Little Bighorn Rivers (fig. 1). These borders encompass the Montana part of the Powder River Basin.

HYDROGEOLOGIC DATA

This report includes records of 1,924 stock, domestic, irrigation, public supply, industrial, and test wells in parts of six counties. Lithologic logs of 373 wells and test holes are also included. The majority of the data were collected from 1973 to 1976; however, some data

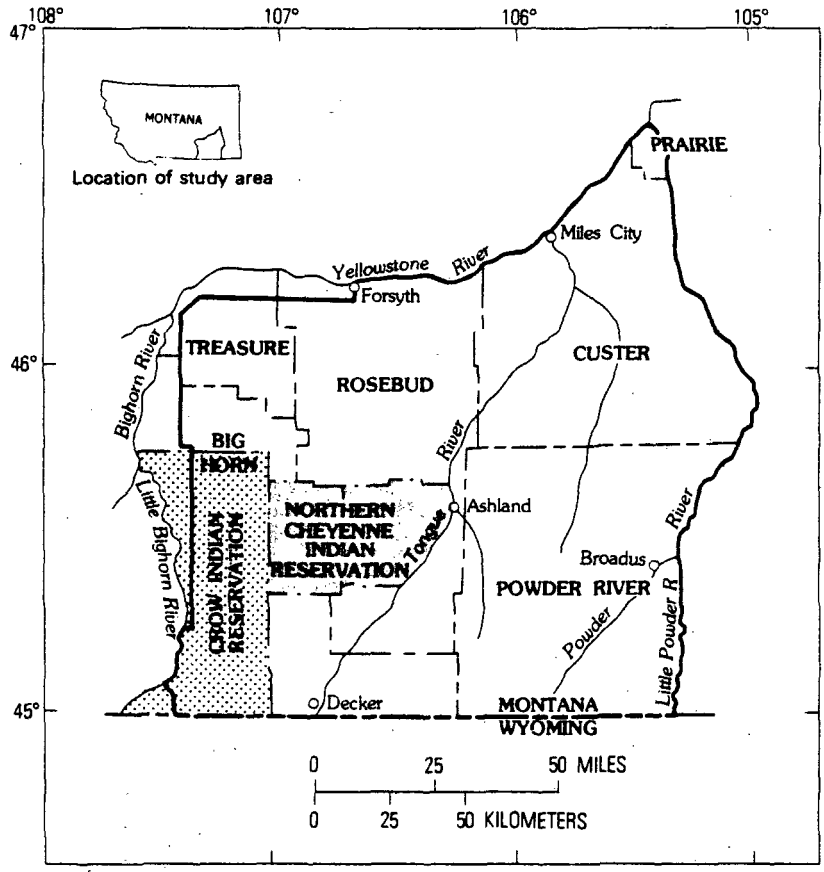

Figure 1.--Location of study area.

were collected as early as 1936. Some of the earlier data were published in previous reports but are included herein to provide all data in a single report.

The geologic units considered in this report range in age from Late Cretaceous to Holocene (table 1). These geologic units contain the major strippable coal deposits and supply the majority of the ground water used for stock and domestic purposes.

Inventoried wells are listed in table 2, and their locations are shown on plate 1. Well yields were measured under operating conditions at the time of measurement, and do not necessarily indicate the maximum yield of the well. Discharge of a well can vary with changes in pump and well efficiency, pump speed, discharge pressure, and depth to water. Specific-conductance values listed in table 2 represent field determinations measured at the time of collection. Laboratory analyses of major ions, trace elements, and radiochemical constituents of water samples collected during this study are contained in a companion report (Lee, 1979).

Logs of wells and test holes described in table 3 were obtained from landowners, well contractors, and Federal, State, and county records. Lithologic descriptions are listed as reported, with minor rearrangement of wording for format consistency. Local rock terms have been retained.

WELL-NUMBERING SYSTEM

In this report, locations are numbered according to geographic position within the rectangular grid system used by the U.S. Bureau of Land Management (fig. 2). The location consists of as many as 13 characters. The first three characters specify the township and its position north (N) or south (S) of the Montana Base Line. The next three characters specify the range and its position east (E) of the Montana Principal Meridian. The next two characters are the section number. The next one to four characters designate the quarter section (160-acre tract), quarter-quarter section (40-acre tract), quarter-quarter-quarter section (10-acre tract), and quarter-quarter-quarter-quarter section (2½-acre tract), respectively, in which the well is located. The subdivisions of the section are designated A, B, C, and D in a counter-clockwise direction, beginning in the northeast quadrant. When more than one well is described within a tract, consecutive digits are added to the well number. For example, as shown on figure 2, well 08S43E16CCDA is the first well inventoried in the NE¼SE¼SW¼SW¼ sec. 16, T. 8 S., R. 43 E.

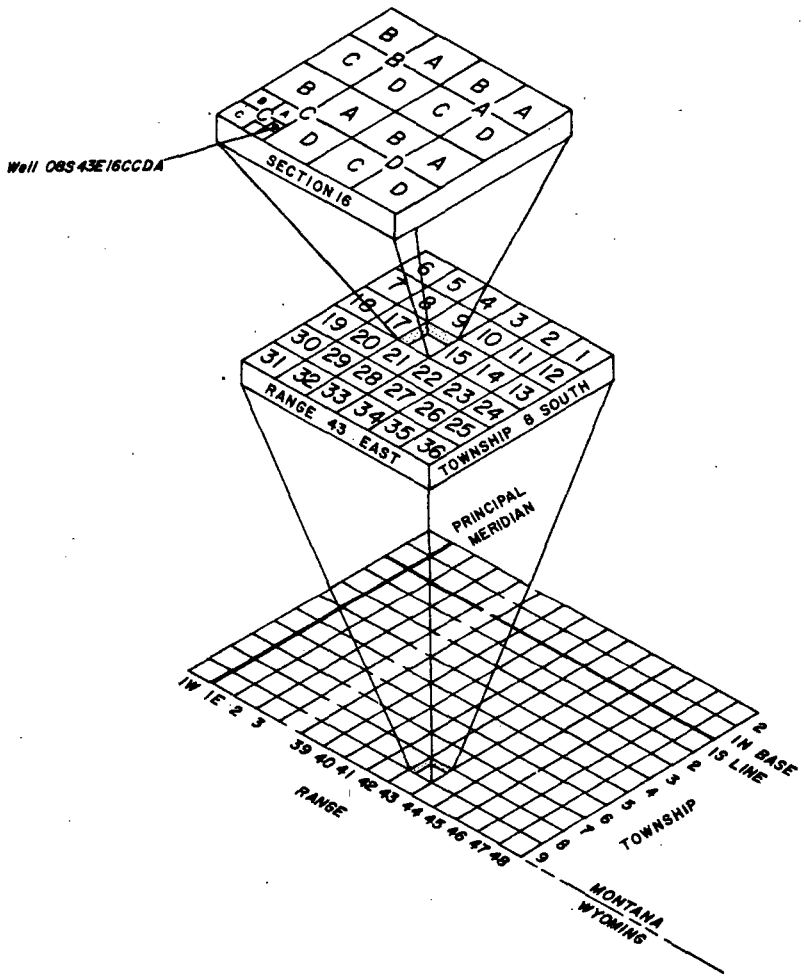

Figure 2.--Well-numbering system.

Table 1.--Generalized section of geologic units[1]

System	Series	Geologic unit		Thickness (ft)	General description	Water-yielding characteristics
Quaternary	Holocene and Pleistocene	Alluvium		0-100	Sand, silt, clay, and local lenses of gravel. Coarse well-rounded gravel interbedded with finer material is common along the Yellowstone River; beds are mostly reworked terrace deposits. Gravel consists predominantly of clinker fragments on many smaller streams. Deposits are as much as 75 feet thick along the Tongue River, 50 feet thick along the Yellowstone River, and 40 feet thick along smaller streams. Unit includes many low-lying terraces adjacent to streams	Alluvium composed of coarse gravels may yield several hundred gallons of water per minute to properly developed wells in local areas along larger perennial streams; along smaller streams with thinner saturated thicknesses, yields of 100 gal/min may be possible. Yields commonly are 30 gal/min or less to stock and domestic wells
Tertiary	Eocene	Wasatch Formation		0-400	Brownish-gray to light-gray fine- to coarse-grained lenticular beds of sandstone and interbedded gray shale and coal. Contains a fossiliferous zone of clams and snails as much as 30 feet thick. Zones of clinker crop out along the coal horizons. Base of unit is mapped as the top of the thick and persistent Roland coal bed, as defined by Baker (1929). Conformable contact with underlying unit	Most wells are shallow and yield less than 20 gal/min. Where wells tap coarse-grained deposits or large saturated thicknesses of aquifer material, yields may be higher
	Paleocene	Fort Union Formation	Tongue River Member	0-2,500	Light-yellow to light-gray fine- to medium-grained thick-bedded to massive locally crossbedded and lenticular sandstone and siltstone; weathers to a buff color. Commonly contains light-buff to light-gray shaly siltstone and shale, and brown to black carbonaceous shale. Contains numerous coal beds; as much as 80 feet thick. Burning of the coal along outcrops has formed thick red and lavender clinker and baked shale beds. Base of unit is mapped as the change from predominantly siltstone and sandstone to predominantly shale of underlying unit	Sandstone and coal beds are the aquifers; the shales do not yield water to wells. Unit contains major aquifers in much of the study area; yields as high as 160 gal/min may be possible from wells penetrating large saturated thicknesses of aquifer material. Fractured clinker beds are highly permeable and may yield as much as 65 gal/min. Many aquifers are under artesian pressure and many wells along the Tongue and Powder Rivers and their principal tributaries flow; flowing well yields may be as much as 10 gal/min
			Lebo Shale Member	0-600	Predominantly dark shale containing interbeds of light-gray and brown to black carbonaceous shale, siltstone, and locally thin coal beds. Shales contain altered and devitrified volcanic ash and brown ferruginous concretions. Base of unit is mapped as the change from predominantly shale to predominantly fine-grained sandstone and shale of underlying unit. Conformable contact with underlying unit; however, the Lebo exists locally as deposits in channels eroded deeply into the underlying Tullock Member	A limited source of water in the study area; in local areas where saturated medium-grained channel deposits are penetrated, well yields may be as much as 25 gal/min
			Tullock Member	0-800	Lower part of member is interbedded medium-gray to light-gray shale, fine-grained light-gray sandstone and siltstone, and thin but persistent coal beds; grades upward to light-gray carbonaceous shale. Locally at the top is a resistant sandstone that forms a well-developed rimrock. Base of unit is mapped as the change from fine-grained thin-bedded sandstone, siltstone, shale, and coal beds to predominantly massive channel sandstone and dark-gray shale of underlying unit (Brown, 1952; Dunlap 1958)	Fine-grained sandstones and coal beds supply small quantities of water for domestic use. Well yields may be as much as 40 gal/min, but generally average about 15 gal/min. Where aquifers are confined, flowing well yields generally are less than 10 gal/min

Table 1.--Generalized section of geologic units[1]--Continued

Cretaceous	Upper Cretaceous	Hell Creek Formation	0-850	Shale and siltstone, gray to yellowish-gray, silty, clayey, sandy, carbonaceous, and bentonitic; locally, a yellowish-gray to tan fine- to medium-grained silty sandstone containing thin coal beds predominates. Lower contact is gradational; mapped as the change from predominantly silty shale and siltstone to predominantly sandstone of underlying unit. Contact probably unconformable with underlying Fox Hills Sandstone or Bearpaw Shale	Upper part of Hell Creek--limited as a water supply in study area; well yields are as much as 12 gal/min, but generally average about 5 gal/min
		Fox Hills Sandstone	0-280	Near-shore sand facies that is the uppermost marine deposit in the area. Two members are recognized: Colgate Member--Very light gray fine- to medium-grained massive sandstone Unnamed lower member--Gray to brownish-gray fine-grained thin-bedded sandstone; interbedded with gray sandy shale and siltstone. Lower contact is gradational; considered to be the base of transition zone between sandstone above and shale of underlying unit. Conformable contact with underlying unit	Lower part of Hell Creek and Fox Hills Sandstone--Considered to represent one aquifer (Fox Hills-lower Hell Creek aquifer) in the study area. Reliable source of water for artesian wells; yields as much as 20 gal/min to flowing wells along the Tongue and Powder River valleys. Yields as much as 70 gal/min to domestic and stock wells and 200 gal/min to industrial wells
		Bearpaw Shale	0-800	Gray to black marine shaly claystone and shale. Contains some thin-bedded siltstone and silty sandstone and locally thin beds of bentonite. Base of unit is mapped as the change from shale and siltstone to sandstone of underlying unit. Disconformable contact with underlying unit	A confining bed; generally does not yield water to wells in study area

[1]Modified from Lewis and Roberts (1978)

ACKNOWLEDGMENTS

Appreciation is expressed to the many landowners who permitted access to their property and provided information about their wells. Appreciation is also extended to State, county, and city officials who supplied data, and to well contractors who provided information and well logs.

SELECTED REFERENCES

Baker, A. A., 1929, The northward extension of the Sheridan coal field, Big Horn and Rosebud Counties, Montana: U.S. Geological Survey Bulletin 806-B, p. 15-67.

Brown, R. W., 1952, Tertiary strata in eastern Montana and western North and South Dakota, in Billings Geological Society 3rd Annual Field Conference, Black Hills - Williston Basin, 1952: p. 89-92.

Dunlap, C. M., 1958, The Lewis, Fox Hills and Lance formations of Upper Cretaceous age in the Powder River Basin, Wyoming, in Wyoming Geological Association Guidebook 13th Annual Field Conference, Powder River Basin, 1958: p. 109-110.

Knapton, J. R., and McKinley, P. W., 1977, Water quality of selected streams in the coal area of southeastern Montana: U.S. Geological Survey Water-Resources Investigations 77-80, 145 p.

Lee, R. W., 1979, Ground-water-quality data from the northern Powder River Basin, southeastern Montana: U.S. Geological Survey Open-File Report 79-1331, 55 p.

Lewis, B. D., and Roberts, R. S., 1978, Geology and water-yielding characteristics of rocks of the northern Powder River Basin, southeastern Montana: U.S. Geological Survey Miscellaneous Investigations Map I-847-D.

DATA

Table 2.--Records of wells

Local number--well-numbering system described in text.

County--003, Big Horn County; 017, Custer County; 075, Powder River County; 079, Prairie County; 087, Rosebud County; 103, Treasure County.

Depth of well--in feet below land surface.

Type of lift--A, air; B, bucket; C, centrifugal; J, jet; P, piston; R, rotary pump; S, submersible; T, turbine; U, unknown; Z, other.

Type of power--E, electric; G, gasoline; H, hand; L, LP gas; N, natural gas; W, wind; Z, other.

Use of water--C, commercial; H, domestic; I, irrigation; N, industrial; P, public supply; S, stock; U, unused; Z, other.

Principal aquifer--110ALVM, alluvium; 111SPBK, spoil banks; 124WSTC, Wasatch Formation; 125TGRV, Tongue River Member of Fort Union Formation; 125LEBO, Lebo Shale Member of Fort Union Formation; 125TLCK, Tullock Member of Fort Union Formation; 211HLCK, Hell Creek Formation; 211FHHC, Fox Hills-lower Hell Creek aquifer; 211BRPW, Bearpaw Shale.

Altitude of land surface--in feet above National Geodetic Vertical Datum of 1929 (mean sea level).

Water level--in feet above (+) or below land surface datum. Method of water-level measurement: E, estimated; G, measured with pressure gage; R, reported; S, measured with steel tape; V, measured with electric tape. Site status at time of water-level measurement: F, flowing; P, pumping; R, recently pumped.

Discharge--Method of discharge measurement: E, estimated; R, reported; V, measured volumetrically; Z, other. Type of production: no letter, pumped; F, flowing.

Specific conductance--field determination.

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
11N50E08DD	079	371	--	--	--	H	211HLCK	2230
11N50E20DC	079	400	--	--	--	H	211FHHC	2254
11N50E32CD	079	800	4	S	E	H	211FHHC	2447
10N49E01BAC	017	326	--	--	--	S,H	211FHHC	2265
10N49E14ODDD	017	600	4	P	W	S	211FHHC	2389
10N49E33ADD	017	490	--	--	--	S	211FHHC	2378
10N49E35DACD	017	72	4	P	W	S	125TLCK	2390
09N49E05C8C	017	610	--	--	--	S	211FHHC	2355
09N49E07DDBC	017	120	4	P	W	S	125TLCK	2365
09N49E13BDAA	017	118	3	P	W	S	125TLCK	2470
08N47E32ACD	017	554	--	--	--	P	--	2355
08N48E02DCBA	017	71	3.7	P	W	S	125LEBO	2490
08N48E04CDDC	017	125	4	P	G	S	125TLCK	2420
08N49E05ACDA	017	405	3.7	--	--	U	211FHHC	2730
08N49E07DBDB	017	260	4	P	W	U	211FHHC	2659
08N50E02DCAC	017	33	--	P	W	H	125TGRV	2870
08N50E05BDAA	017	40	6	--	--	S	110ALVM	2626
08N50E07CD	017	645	3	T	--	H	211FHHC	2683
08N50E08CBBD	017	25	--	J	E	H,S	110ALVM	2750
08N50E18BD8C	017	280	4	--	--	U	211HLCK	2703
08N51E09ACAC	017	600	6	P	W	--	211FHHC	2470
08N51E22DD	017	410	2	--	--	H	211FHHC	2407
08N51E26CC	017	485	--	--	--	S	211FHHC	2424
08N51E33CACB	017	700	4	P	E	S	211FHHC	2520
07N45E24CDDD	017	180	6	P	G	S	125TLCK	2545
07N46E12DBC	017	600	--	--	--	S	211FHHC	2369
07N46E19DADA	017	558	--	J	E	S	211FHHC	2400
07N46E24ACBD	017	620	--	P	W	S	211FHHC	2400
07N47E04BABA	017	12	4	P	H	S	110ALVM	2365
07N47E08AAA	017	616	18	--	--	H	211FHHC	2372
07N47E09BAA	017	615	--	--	--	S	211FHHC	2375
07N47E09BBB	017	626	18	--	--	H	211FHHC	2375
07N47E13BBCC	017	210	4	P	W	S	211FHHC	2500
07N47E13DDBB	017	74	3	P	G	S	211HLCK	2430
07N47E31CCAA	017	285	--	--	--	S	211FHHC	2551
07N47E36ADDD	017	18	--	--	--	S	110ALVM	2410
07N48E28DBCD	017	132	4	P	G	S	125TLCK	2550
07N49E19ABC	017	687	--	--	--	S,H	211FHHC	2785
07N49E30CBAC	017	200	4	P	W	S	125TLCK	2740
07N50E02BBBB	017	38	24	P	W	S	125TGRV	2986
07N50E08BA	017	700	--	--	--	U	211FHHC	2944
07N50E17ACCD	017	18	36	P	E	H,S	110ALVM	2980
07N51E34AD	017	40	--	P	H	S	125TLCK	2518
06N41E08D	087	15	--	--	--	H	110ALVM	--
06N41E10C	087	243	--	--	--	H	211HLCK	--
06N41E16C	087	39	--	--	--	H	211HLCK	--
06N41E17C	087	40	--	--	--	H	211HLCK	--
06N41E35AD8C	087	200	4	P	W	S	211HLCK	2811
06N42E14C	087	30	--	--	--	H	110ALVM	--
06N42E16DA	087	130	--	--	--	H	211HLCK	--
06N42E20DDDD	087	152	4	P	E	S	211HLCK	2562
06N42E22AC8B	087	90	4	P	W	S	211HLCK	2650
06N42E32DC3D	087	28	--	--	--	S	211HLCK	2550
06N43E28CD8B	087	200	4	P	E	S	125TLCK	2680
06N44E19ADD	087	286	2	--	--	S	211FHHC	2440

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
47.00+	G	05/06/1966	4	--	--	--	11N50E08DD
	F	--	--	--	--	--	11N50E20DC
110.90	S	09/10/1965	--	--	--	--	11N50E32CD
--		--	--	--	1300	12.0	10N49E01BAC
20.00	RP	--	2 V	08/03/1976	1550	11.0	10N49E14DDDD
--		--	--	--	--	--	10N49E33ADD
19.70	SP	08/03/1976	3 V	08/03/1976	3680	11.5	10N49E35DACD
--		--	--	--	1250	12.0	09N49E05CBC
62.90	SP	08/06/1976	2 V	08/06/1976	4850	11.5	09N49E07DDBC
27.30	S	08/03/1976	2 V	08/03/1976	3060	15.0	09N49E13BDAA
16.00	R	05/03/1939	--	--	--	--	08N47E32ACD
41.30	SP	08/16/1976	2 V	08/16/1976	5700	12.5	08N48E02DCBA
77.50	SR	08/18/1976	6 V	08/19/1976	6520	11.0	08N48E04CDDC
235.60	V	08/12/1976	--	--	--	--	08N49E05ACDA
241.40	S	08/12/1976	--	--	--	--	08N49E07DBDB
27.30	VP	08/11/1976	2 V	08/11/1976	1060	9.5	08N50E02DCAC
30.00	RR	08/05/1976	5 R	08/05/1976	--	--	08N50E05BDAA
280.00	S	08/ /1965	--	--	--	--	08N50E07CD
14.00	RP	08/05/1976	5 V	08/05/1976	2440	12.5	08N50E08CBBD
36.80	S	08/05/1976	--	--	--	--	08N50E18BDBC
61.70	SR	08/03/1976	2 V	08/03/1976	1120	14.5	08N51E09ACAC
	F	--	20	--	--	--	08N51E22DD
--		--	1	--	--	--	08N51E26CC
93.10	SP	08/03/1976	3 V	08/03/1976	1080	13.0	08N51E33CACB
36.70	SR	08/12/1976	18 V	08/12/1976	5260	10.5	07N45E24CDDD
5.00+		1975	--	--	1600	12.0	07N46E12DBC
5.00	RP	--	5 R	08/12/1976	1850	14.0	07N46E19DADA
26.40	SR	08/11/1976	0.5 V	08/11/1976	1430	14.0	07N46E24ACBD
10.40	R	11/05/1975	5 V	11/05/1975	--	--	07N47E04BABA
--		--	--	--	1600	12.0	07N47E08AAA
--		--	--	--	--	--	07N47E09BAA
22.00	R	09/30/1957	--	--	1300	12.5	07N47E09BBB
96.40	SP	08/10/1976	--	--	1530	11.5	07N47E13BBCC
41.30	SR	08/10/1976	4 V	08/10/1976	5100	11.5	07N47E13DDBB
20.00	SR	08/11/1975	--	--	--	--	07N47E31CCAA
10.70		09/18/1975	--	--	--	--	07N47E36ADDD
88.40	S	08/10/1976	--	--	--	--	07N48E28DBCD
--		--	--	--	1100	--	07N49E19ABC
87.60	SP	08/11/1976	2 V	08/11/1976	1280	12.5	07N49E30CBAC
37.30	SP	08/03/1976	1 V	08/03/1976	935	10.0	07N50E02BBBB
398.00	S	07/ /1965	--	--	--	--	07N50E08BA
11.00	VR	08/04/1976	4 V	08/04/1976	1990	9.0	07N50E17ACCD
26.00	S	07/ /1965	--	--	--	--	07N51E34AD
10.00		--	--	--	--	--	06N41E08D
	F	--	--	--	--	--	06N41E10C
36.00		--	--	--	--	--	06N41E16C
38.00		--	--	--	--	--	06N41E17C
103.20	SP	08/20/1976	3 V	08/20/1976	710	12.5	06N41E35ADBC
26.00		--	--	--	--	--	06N42E14C
	F	--	--	--	--	--	06N42E16DA
67.80	SR	08/19/1976	4 V	08/19/1976	610	12.5	06N42E20DDDD
65.00	S	08/24/1976	--	--	--	--	06N42E22ACBB
24.50		--	--	--	--	--	06N42E32DC3D
75.90	SR	08/18/1976	5 V	08/18/1976	625	10.5	06N43E28CDBB
--		--	--	--	1900	11.0	06N44E19ADD

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAMETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
06N44E19DAA	087	659	--	--	--	S	211FHHC	2475
06N44E20DC3	087	590	--	--	--	S	211FHHC	2475
06N44E22BAC	087	470	--	--	--	S	211FHHC	2441
06N44E25DCBA	087	90	--	P	W	S	125TLCK	2540
06N45E26CACD	017	342	4	--	--	U	125TLCK	2789
06N46E04CDB	017	645	8	--	--	U	211FHHC	2798
06N46E04DBC	017	1100	8	--	--	U	211FHHC	2780
06N46E04DCA	017	620	4	--	--	U	211FHHC	2805
06N46E12ABDA	017	620	4	P	W	S	211FHHC	2600
06N46E22CDBA	017	82	6	P	W	S	125TLCK	2645
06N47E03ADDC	017	201	--	P	W	S	125TLCK	2500
06N47E23DABC	017	89	4	P	W	S	125TLCK	2540
06N48E09CCCA	017	51	4	S	E	--	110ALVM	2470
06N48E14ABBB	017	200	3.5	P	G	S	211HLCK	2530
06N48E17BABA	017	54	6	P	W	S	110ALVM	2470
06N50E05AA	017	600	--	P	H	S	211HLCK	2980
06N50E11ADDA	017	228	4	P	W	S	125TLCK	2710
06N50E13ADDD	017	128	3.7	P	W	S	125TLCK	2713
06N51E08DA	017	240	--	--	--	U	211HLCK	2672
06N51E08DADA	017	180	6	P	W	S	125TLCK	2670
06N51E14DBCD	017	100	5	P	W	S	125TLCK	2530
06N51E17BACB	017	204	3.7	P	W	S	211HLCK	2630
06N52E30CD	017	169	--	P	H	U	211HLCK	2543
05N35E15AADA	103	217	6	S	E	S	211HLCK	3209
05N36E07ABDC	103	160	5	S	E	H,S	211HLCK	3010
05N36E10ACDA	103	280	5	S	E	--	211HLCK	3040
05N37E08DCDC	103	23	72	P	E	S	110ALVM	2790
05N37E31BAAD	103	97	6	P	W	S	211HLCK	2910
05N38E14B	087	42	--	--	--	S	211BRPW	--
05N38E26DDDD	087	36	--	--	--	S	110ALVM	2967
05N39E21CCDC	087	110	6	--	--	S	211HLCK	2880
05N39E26A	087	23	--	--	--	H	211HLCK	--
05N39E36DABD	087	120	4	P	E	S	211HLCK	2790
05N40E22BDAC	087	125	8	S	E	H	125TLCK	2890
05N40E28AADC	087	245	6	P	G	S	125TLCK	3000
05N41E12CABA	087	166	4	P	W	S	211HLCK	2790
05N41E16CCCD	087	66	6	P	E	S	125TLCK	2990
05N41E27CBBC	087	55	3.7	S	E	S	125TLCK	2890
05N41E28DA	087	32	--	--	--	H	125TLCK	--
05N42E08C	087	20	--	--	--	H	110ALVM	--
05N42E12BBBD	087	114	3.7	P	G	S	125TLCK	2830
05N42E19CABC	087	100	3.7	P	W	U	211HLCK	2690
05N43E04DDDB	087	71	4	--	--	S	125TLCK	2650
05N43E20D	087	26	--	--	--	H	125TGRV	--
05N43E23CDCC	087	200	4	P	W	S	211HLCK	2790
05N43E29DCDC	087	142	--	P	H	S	125TLCK	2840
05N44E22DBBC	087	94	4	P	--	S	125TGRV	3000
05N44E30CD	087	19	--	--	--	H	--	--
05N44E35BCAC	087	168	4	P	G	S	125TGRV	3040
05N45E13DDCB	017	670	--	--	--	S	211FHHC	2910
05N47E25BAAB	017	16	--	--	--	H	110ALVM	2490
05N48E02DBDA	017	190	--	S	E	S	211HLCK	2510
05N48E05BCBB	017	10	60	C	E	S	110ALVM	2455
05N48E18ACBC	017	30	36	S	E	H	110ALVM	2490
05N48E28BDBA	017	220	--	S	E	S	211HLCK	2597

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
18.50+	G	12/09/1975	--	--	1900	14.5	06N44E19DAA
--		--	--	--	2000	13.0	06N44E20DCB
--		--	--	--	1800	14.0	06N44E22BAC
6.80	SR	08/19/1976	--	--	--	--	06N44E25DCBA
69.30	S	08/24/1976	--	--	--	--	06N45E26CACD
377.00	R	02/08/1957	--	--	--	--	06N46E04CDB
360.00	R	05/12/1958	--	--	--	--	06N46E04DBC
380.00	R	09/25/1953	--	--	--	--	06N46E04DCA
	R	--	0.5 V	08/11/1976	2320	12.0	06N46E12ABDA
43.40	SR	08/13/1976	0.5 V	08/13/1976	1980	11.5	06N46E22CDBA
76.50	SP	08/11/1976	0.5 V	08/11/1976	4860	11.0	06N47E03ADDC
58.60	SP	08/10/1976	1 V	08/10/1976	2240	12.5	06N47E23DABC
39.30	S	09/18/1975	--	--	--	--	06N48E08CCCA
107.00	S	08/11/1976	--	--	--	--	06N48E14ABBB
35.70		09/18/1975	3 V	08/10/1975	2660	10.5	06N48E17BABA
471.00	S	07/ /1965	--	--	--	--	06N50E05AA
125.90	SP	08/17/1976	3 V	08/17/1976	1260	14.0	06N50E11ADDA
71.80	SP	08/17/1976	4 V	08/17/1976	4480	--	06N50E13ADDD
45.00	S	07/ /1965	--	--	--	--	06N51E08DA
84.50	SP	08/04/1976	3 V	08/04/1976	1520	12.0	06N51E08DADA
60.00	RP	08/04/1976	3 V	08/04/1976	1020	13.0	06N51E14DBCD
184.70	SP	08/17/1976	3 V	08/17/1976	2080	12.0	06N51E17BACB
47.00	S	07/ /1965	--	--	--	--	06N52E30CD
53.30	SR	10/13/1976	10	--	1880	10.0	05N35E15AADA
58.40	SR	10/13/1976	--	--	800	13.0	05N36E07ABDC
140.60	SR	10/13/1976	12 V	10/13/1976	680	10.0	05N36E10ACDA
17.20	SR	10/05/1976	15 V	10/05/1976	3460	10.0	05N37E08DCDC
70.30	SP	10/05/1976	3 V	10/05/1976	1230	11.0	05N37E31BAAD
40.00		--	--	--	--	--	05N38E14B
12.60	SR	10/07/1976	--	--	--	--	05N38E26DDDD
59.20	SR	08/25/1976	--	--	2460	12.0	05N39E21CCDC
20.00		--	--	--	--	--	05N39E26A
99.10	SP	08/25/1976	3 V	08/25/1976	1850	12.0	05N39E36DABD
103.30	SP	08/25/1976	12 R	08/25/1976	1380	12.5	05N40E22BDAC
60.00	RR	08/25/1976	3 V	08/25/1976	1540	11.0	05N40E28AADC
162.20	SP	08/20/1976	2 V	08/20/1976	1680	14.0	05N41E12CABA
40.90	SP	80/24/1976	2 V	08/24/1976	1220	10.5	05N41E16CCCD
37.70	SP	08/19/1976	12 V	08/19/1976	1840	11.5	05N41E27CBBC
--		--	--	--	--	--	05N41E28DA
16.00		--	--	--	--	--	05N42E08C
89.40	SR	08/26/1976	--	--	--	--	05N42E12BBBD
79.40	S	08/19/1976	--	--	--	--	05N42E19CABC
43.30	SR	08/18/1976	--	--	--	--	05N43E04DDDB
22.00		--	--	--	--	--	05N43E20D
17.40	SR	08/18/1976	--	--	--	--	05N43E23CDCC
36.20	SR	08/18/1976	8 E	08/18/1976	600	11.5	05N43E29DCDC
41.80	SR	08/19/1976	--	--	--	--	05N44E22DBBC
15.00		--	--	--	--	--	05N44E30CD
102.20	SR	08/18/1976	5 V	08/18/1976	2650	12.0	05N44E35BCAC
390.00	SR	11/09/1976	--	--	--	--	05N45E13DDCB
10.30		10/16/1975	--	--	--	--	05N47E25BAAB
24.30	SR	08/05/1976	12 V	08/05/1976	1700	11.0	05N48E02DBDA
7.40	S	09/19/1975	5 R	--	--	--	05N48E05BCBB
15.00		09/19/1975	--	--	--	--	05N48E18ACBC
192.10	SP	08/06/1976	0.2 V	08/06/1976	1450	14.0	05N48E28BDBA

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
05N49E22CBBD	017	160	--	J	E	H	211HLCK	2560
05N50E12DB	017	850	4	P	H	H	211HLCK	3121
05N51E01CDBD	017	303	4	P	H	U	211FHHC	2550
05N51E12BC	017	700	--	C	--	H	211FHHC	2557
05N51E29DDDC	017	205	4	P	W	S	211HLCK	2750
05N52E17ABAC	017	169	3	P	W	S	211HLCK	2667
05N52E18BBB8	017	188	4	P	E	S	125TLCK	2608
05N52E20BCCC	017	229	4	P	W	S	211HLCK	2690
05N52E22AD	017	556	4	P	H	S	211FHHC	2581
05N52E27DB	017	177	--	P	--	S	211HLCK	2666
05N52E30AD	017	450	3	--	--	H	211FHHC	2509
04N35E22DBCA	103	49	6	P	G	S	211HLCK	2949
04N35E25ABCC	103	96	6	P	W	S	211HLCK	3092
04N35E33A	103	93	--	--	--	S	211HLCK	--
04N36E09DBAA	103	38	6	P	W	S	125LEBO	3340
04N36E14ADAA	103	38	3	P	W	S	125TLCK	3088
04N36E15ADDC	103	19	6	P	W	S	125TLCK	3154
04N36E24DAAA	103	35	8	P	W	U	125TLCK	3160
04N37E22BAAD	103	140	8	P	E	S	211HLCK	3000
04N37E27CACA	103	138	5	P	E	S	211HLCK	2980
04N38E20BDCC	103	65	6	C	E	S,H	125TLCK	3150
04N38E26AADA	103	27	--	C	E	H	125LEBO	3410
04N38E26ABDC	103	131	--	--	--	U	125TLCK	3380
04N39E30DCAD	087	112	4.5	P	E	H,S	125TGRV	3560
04N40E05A	087	102	--	--	--	H	211HLCK	--
04N40E09ADDC	087	125	4	P	G	S	211HLCK	2840
04N40E21C	087	129	--	--	--	H	211HLCK	--
04N40E31DCAA	087	199	4	P	W	S	211HLCK	2900
04N42E12A	087	180	--	--	--	H	211HLCK	--
04N42E13D	087	128	--	--	--	H	211HLCK	--
04N43E03AABB	087	450	4	P	W	S	125TLCK	3022
04N43E07DDBB	087	112	6	P	G	S	125TLCK	2747
04N43E24BAAD	087	125	5.5	P	W	U	125TGRV	3092
04N43E30DBAC	087	300	3	J	E	H	211HLCK	2670
04N44E23ADCC	087	78	4	P	G	S	125TGRV	2982
04N44E24BADA	087	61	4	P	G	S	125TGRV	2960
04N44E24BBAB	087	175	4	S	E	H,S	125LEBO	2950
04N44E28ACDD	087	73	4	P	--	J	125TGRV	2995
04N44E29CCAC	087	107	4	P	W	S	125TGRV	3030
04N44E32DDDA	087	120	4	P	W	S	125TGRV	2990
04N44E35CCBD	087	160	4	P	W	S	125TGRV	3190
04N44E36AABA	087	103	4	P	W	S	125TGRV	3070
04N45E14ADCD	017	100	--	P	E	S	125TGRV	3055
04N45E26CCAC	017	60	--	S	E	H	125LEBO	2960
04N46E03DABC	017	970	--	--	--	H	211FHHC	3000
04N46E11ADCB	017	180	--	P	W	S	125TLCK	2760
04N46E27BDDD	017	65	--	P	W	S	125TLCK	2722
04N47E23CCAB	017	226	--	S	E	S	125TLCK	2614
04N47E28CCDB	017	300	--	S	E	S	211HLCK	2600
04N47E29ABAD	017	820	--	--	--	S	211FHHC	2558
04N47E31DAAA	017	20	36	C	E	H	110ALVM	2590
04N48E20DBBC	017	75	--	--	--	S	125TLCK	2600
04N49E04ABCD	017	197	6	P	W	S	125TLCK	2740
04N49E24DCDA	017	625	--	--	--	H	211FHHC	2778
04N49E28ABDD	017	62	--	P	W	S	125LEBO	2860

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
11.60	SR	08/05/1976	6 V	08/05/1976	1700	11.0	05N49E22C88D
--		--	--	--	--	--	05N50E12D8
3.70	S	08/03/1976	3 V	08/04/1976	1070	12.5	05N51E01CDBD
15.00	S	08/ /1965	--	--	--	--	05N51E12BC
141.80	SP	08/05/1976	2 V	08/05/1976	1330	11.5	05N51E29DDDC
137.90	SR	08/10/1976	3 V	08/10/1976	3750	13.5	05N52E17ABAC
52.10	S	08/04/1976	--	--	--	--	05N52E18B3B8
95.10	SP	08/04/1976	1 V	08/04/1976	2580	12.5	05N52E20BCCC
13.00	S	10/ /1965	--	--	--	--	05N52E22AD
93.00	S	07/ /1965	--	--	--	--	05N52E27DB
	F	07/27/1966	4	--	--	--	05N52E30AD
27.80	SR	10/07/1976	--	--	--	--	04N35E22DBCA
80.90	SR	10/07/1976	--	--	--	--	04N35E25ABCC
20.00	R	--	--	--	--	--	04N35E33A
30.00	S	10/07/1976	--	--	--	--	04N36E09DBAA
23.40	S	10/07/1965	--	--	--	--	04N36E14ADAA
15.60	SP	10/07/1976	--	--	--	--	04N36E15ADDC
16.80	S	10/07/1976	--	--	--	--	04N36E24DAAA
102.00	SR	10/06/1976	5 V	10/06/1976	1270	10.5	04N37E22BAAD
59.00	SR	10/05/1976	4 V	10/05/1976	2780	10.0	04N37E27CACA
24.60	SR	10/06/1976	4 V	10/06/1976	600	12.0	04N38E20BDCC
17.30	SR	10/06/1976	4 V	10/06/1976	885	10.0	04N38E26AADA
21.10	SR	08/25/1976	--	--	--	--	04N38E26ABDC
69.00	SR	08/25/1976	2 V	08/25/1976	400	--	04N39E30DCAD
17.00		--	--	--	--	--	04N40E05A
55.90	SR	08/25/1976	5 V	08/25/1976	1750	11.5	04N40E09ADDC
25.00		--	--	--	--	--	04N40E21C
50.50	SR	08/27/1976	2 R	08/27/1976	800	10.0	04N40E31DCAA
13.00		--	--	--	--	--	04N42E12A
17.00		--	--	--	--	--	04N42E13D
293.70	SP	08/23/1976	3 V	08/23/1976	2740	14.0	04N43E03AABB
83.20	SR	08/18/1976	--	--	--	--	04N43E07DDBB
16.20	S	08/24/1976	--	--	--	--	04N43E24BAAD
29.90	SP	08/26/1976	7 V	08/26/1976	2280	14.5	04N43E30DBAC
12.70	S	08/18/1975	2 R	12/27/1963	--	--	04N44E23ADCC
27.70	S	09/11/1975	25 R	12/25/1969	--	10.0	04N44E24BADA
--		--	3 R	10/10/1959	--	13.0	04N44E24BBAB
8.50	S	08/26/1975	--	--	--	--	04N44E28ACDD
68.40	SR	08/26/1975	20 R	11/01/1971	3600	11.0	04N44E29CCAC
64.10	SR	08/27/1975	10 R	10/31/1971	2300	--	04N44E32DDDA
--		--	2 R	12/27/1963	--	--	04N44E35CCBD
63.80	SR	08/18/1975	15 R	04/28/1960	1300	--	04N44E36AABA
--		--	2 V	08/12/1976	1200	--	04N45E14ADCD
13.00	SR	08/11/1976	6 V	08/11/1976	1600	--	04N45E26CCAC
460.00	RR	11/09/1976	--	--	--	--	04N46E03DABC
70.90	SR	10/06/1976	2 V	10/06/1976	4520	10.5	04N46E11ADCB
33.50	SP	08/11/1976	3 V	08/11/1976	2300	--	04N46E27BDDD
71.70	SR	08/10/1976	13 V	08/10/1976	1100	--	04N47E23CCAB
28.80	SR	08/17/1976	11 V	08/17/1976	1100	--	04N47E28CCDB
19.00+	G	11/10/1976	--	--	1510	16.0	04N47E29ABAD
16.80	S	10/16/1975	--	--	--	--	04N47E31DAAA
25.90	SR	08/06/1976	--	--	--	--	04N48E20DBBC
56.40	SP	08/05/1976	2 V	08/05/1976	2650	11.0	04N49E04ABCD
140.00	RR	12/09/1976	--	--	--	--	04N49E24DCDA
30.10	SR	08/06/1976	4 V	08/06/1976	1900	10.5	04N49E28A3DD

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
04N50E18DACA	017	22	--	S	E	S	110ALVM	2660
04N50E19DBCD	017	280	--	--	--	S	211HLCK	2695
04N50E30BADB	017	600	--	--	--	H	211FHHC	2666
04N50E30CCBB	017	305	--	--	--	S	211HLCK	2705
04N50E31CCAA	017	110	--	--	--	S	125TLCK	2720
04N51E15DCCC	017	106	4	P	W	S	125TLCK	2799
04N51E21CCCD	017	173	4	P	W	S	125TLCK	2810
04N52E01DDBD	017	152	4	P	G	S	125TLCK	2680
04N52E16AADD	017	181	4	S	E	S	125TLCK	2770
04N52E30BDAC	017	151	4	P	W	S	125TLCK	2738
04N53E30ACBA	017	166	4	P	W	S	125TLCK	2750
03N35E01BBAC	103	60	6	P	W	S	211HLCK	2996
03N35E11D	103	57	--	--	--	H	211HLCK	--
03N35E14ACCC	103	120	4	--	--	H	211HLCK	2900
03N36E11BDAA	103	40	4	S	E	S	125LEBO	3280
03N37E02DDAB	103	42	4	P	E	S	125TLCK	3050
03N37E03CBBD	103	120	4	S	E	S	211HLCK	3010
03N37E09A	103	66	--	--	--	H	211HLCK	--
03N37E10ACCB	103	140	4	S	E	S	125TLCK	3200
03N37E25CBDB	103	--	--	--	--	H	--	3175
03N37E26DACD	103	--	--	--	--	--	--	3175
03N37E26DDBB	103	--	--	--	--	S	--	3195
03N37E35CDBC	103	100	--	P	W	--	125LEBO	3324
03N37E35CDBD	103	--	--	--	--	S	--	3339
03N38E10ABDB	103	22	--	--	--	U	125TGRV	3360
03N38E20AAAD	103	--	--	--	--	S	--	3280
03N38E20AABD	103	130	--	--	--	S	125LEBO	3280
03N38E20ABAA	103	--	--	--	--	--	--	3275
03N38E20ABAD	103	290	--	--	--	H	125LEBO	3290
03N38E20ABAD2	103	40	4	--	--	U	125LEBO	3285
03N38E22AACC	103	150	--	--	--	S	125TGRV	3375
03N38E32CBCC	103	180	--	--	--	U	125LEBO	3380
03N39E08CBBB	087	--	--	S	E	H	--	3560
03N39E36BACD	087	235	--	P	W	--	125TLCK	3130
03N41E28CCDD	087	35	--	P	--	S	110ALVM	3040
03N41E34BCAB	087	515	6	S	E	H	125TLCK	3180
03N41E35CBAA	087	120	4	P	E	S	125TGRV	3170
03N42E01ADAB	087	272	5.5	P	G	S	125TLCK	2800
03N42E32C	087	16	--	--	--	H	125TGRV	--
03N42E34DBBC	087	330	--	P	W	--	125TLCK	3020
03N43E03ACCB	087	--	4	P	G	S	--	2775
03N43E09BCDA	087	--	4	--	--	U	--	2780
03N43E09BDCB	087	--	4	S	E	S	--	2780
03N43E15BADD	087	--	4	P	G	S	--	2835
03N43E20	087	510	--	--	--	S	211HLCK	--
03N43E20A	087	520	--	--	--	H	211HLCK	--
03N43E21BDDD	087	142	4	P	--	S	125TLCK	2800
03N43E26DACC	087	151	4	P	H	U	125TLCK	2855
03N43E27ABDC	087	165	4	P	W	S	125TLCK	2863
03N43E34BCBB	087	141	--	P	E	--	125TLCK	2850
03N44E01CACA	087	254	4	P	W	S	125TGRV	3190
03N44E02DBAA	087	--	4	P	W	S	--	3255
03N44E06BDCD	087	--	4	P	W	S	--	2897
03N44E17AABB	087	--	--	--	--	U	--	3030
03N44E18AABA	087	159	--	P	W	S	125TGRV	3018

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
16.00	SR	08/05/1976	2 V	08/05/1976	3300	10.0	04N50E18DACA
49.70	S	12/09/1976	--	--	--	--	04N50E19D8CD
25.00	RR	12/09/1976	--	--	--	--	04N50E30BADB
55.30	SR	12/10/1976	--	--	--	--	04N50E30CCBB
28.30	SR	08/05/1976	--	--	--	--	04N50E31CCAA
93.80	SP	08/12/1976	2 V	08/12/1976	5400	11.0	04N51E15DCCC
106.20	SR	08/12/1976	2 V	08/12/1976	6000	16.0	04N51E21CCCD
102.00	S	08/10/1976	--	--	--	--	04N52E01DBD
150.50	SR	08/10/1976	3 V	08/10/1976	--	--	04N52E16AADD
79.50	SR	08/12/1976	--	--	--	--	04N52E30BDAC
111.80	SP	08/10/1976	2 V	08/10/1976	4400	12.0	04N53E30ACBA
37.00	SR	10/07/1976	--	--	--	--	03N35E01BBAC
8.00	R	--	--	--	--	--	03N35E11D
26.10	SR	10/05/1976	--	--	1650	--	03N35E14ACCC
10.20	SR	10/07/1976	2 V	10/05/1976	940	10.5	03N36E11BDAA
36.30	SR	10/06/1976	4 V	10/06/1976	1240	12.0	03N37E02DDAB
68.30	SR	10/06/1976	5 V	10/06/1976	2900	11.5	03N37E03CBBD
15.00	R	--	--	--	--	--	03N37E09A
97.30	SR	10/06/1976	12 V	10/06/1976	2910	11.0	03N37E10ACCB
--		--	--	--	--	11.0	03N37E25CBDB
--		--	--	--	500	12.5	03N37E26DACD
--		--	--	--	--	8.5	03N37E26DDBB
80.00	R	06/25/1973	5 R	06/25/1973	--	12.0	03N37E35CDBC
80.00	S	06/26/1973	5 R	06/26/1973	--	10.0	03N37E35CDBD
14.10	S	10/06/1976	--	--	--	--	03N38E10ABDB
90.00	R	12/26/1973	10 R	12/26/1973	--	9.0	03N38E20AAAD
100.00	R	12/26/1973	10 R	12/26/1973	1100	11.0	03N38E20AABD
29.00	S	--	--	--	--	--	03N38E20ABAA
200.00	R	12/26/1973	12 R	12/26/1973	900	13.0	03N38E20ABAD
26.30	S	10/07/1976	--	--	--	--	03N38E20ABAD2
120.00	R	12/26/1973	10 R	12/26/1973	--	9.0	03N38E22AACC
98.00	R	03/26/1975	25 R	03/26/1975	--	--	03N38E32CBCC
178.90	SR	08/25/1976	10 V	08/25/1976	550	--	03N39E08CBBB
72.00	R	07/26/1973	2 R	07/26/1973	1400	13.5	03N39E36BACD
4.70	V	08/06/1975	--	--	--	--	03N41E28CCDD
342.00	R	10/06/1973	14 R	10/06/1973	--	--	03N41E34BCAB
60.00	RR	03/23/1976	2 V	03/23/1976	1520	--	03N41E35CBAA
89.10	S	08/26/1976	--	--	--	--	03N42E01ADAB
--		--	--	--	--	--	03N42E32C
36.00	S	10/03/1973	16 R	10/03/1973	--	--	03N42E34DBBC
--		--	--	--	--	--	03N43E05ACCB
73.30	S	08/28/1975	--	--	--	--	03N43E09BCDA
61.30	S	08/28/1975	--	--	--	--	03N43E09BDCB
--		--	--	--	--	--	03N43E15BADD
--		--	--	--	--	--	03N43E20
7.00		--	--	--	--	--	03N43E20A
68.00	S	08/19/1975	--	--	--	--	03N43E21BDDD
94.20	S	08/20/1975	--	--	3690	--	03N43E26DACC
123.10	S	08/19/1975	4 R	08/10/1961	--	--	03N43E27ABDC
65.00	S	--	10 R	10/03/1973	2600	10.5	03N43E34BCBB
144.80	S	08/20/1975	--	--	--	--	03N44E01CACA
76.40	SR	08/20/1975	--	--	--	--	03N44E02DBAA
--		--	--	--	--	--	03N44E06BDCD
--		--	--	--	--	--	03N44E17AABB
58.70	SR	08/27/1975	15 R	08/02/1969	5100	--	03N44E18AABA

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
03N44E21CBAB	087	150	4	P	W	S	125TGRV	3260
03N44E24ACAC	087	368	--	--	--	U	125TLCK	3005
03N44E24ACAC2	087	410	4	--	--	H	125TLCK	3005
03N44E24ACAC3	087	410	4	--	--	--	125TLCK	3005
03N44E24BBAA	087	431	4	P	E	S	125TLCK	3030
03N44E25ACDC	087	53	4	--	--	S	125TGRV	2940
03N44E25ACDC2	087	39	4	--	--	U	125TGRV	2940
03N44E28DBDC	087	425	4	P	E	H,S	125TLCK	3175
03N44E31BAAA	087	40	6	P	W	S	125TGRV	2950
03N44E31CBDC	087	205	4	P	E	--	125TGRV	3012
03N44E31CBDC2	087	175	4	--	--	U	125TGRV	3010
03N44E32BBDA	087	83	4	--	--	U	125TGRV	2980
03N44E32BDBA	087	146	4	P	--	S	125TGRV	3005
03N45E13ABBC	017	120	--	P	W	S	125TLCK	2740
03N45E36CBBA	017	13	6	--	--	--	110ALVM	2680
03N45E36CBBB	017	108	--	S	E	H	125TLCK	2680
03N46E03ADBC	017	70	--	P	W	S	125TLCK	2660
03N46E12BADA	017	300	2	--	--	S	211HLCK	2600
03N46E12BDBC	017	16	36	C	E	U	110ALVM	2600
03N47E05AACC	017	85	6	P	W	S	125TLCK	2640
03N47E06ABBC	017	17	4	P	E	S	110ALVM	2590
03N47E07BCAB	017	60	--	--	--	S	125TLCK	2640
03N48E18DBBB	017	783	--	--	--	S	125TLCK	3040
03N48E27CABD	017	284	4	P	G	S	125TLCK	3038
03N51E01DAAA	017	270	4	P	W	S	211HLCK	2850
03N51E32CCCD	017	170	6	--	--	U	125TLCK	2870
03N51E36BCAD	017	80	4	P	W	S	125TLCK	2870
03N52E17DCBC	017	180	4	P	W	S	125TLCK	2899
03N52E32CBBD	017	260	4	P	W	S	125TLCK	2990
03N53E14CBCB	017	231	4	P	W	S	125TLCK	2790
03N53E27ACBD	017	189	4	P	W	S	125TLCK	2836
02N35E24CBBA	003	100	4	S	E	H	125TLCK	3000
02N35E35DCAA	003	70	6	J	E	H	211HLCK	3050
02N36E11ADAA	003	--	--	P	W	S	--	3245
02N36E12ABDC	003	50	5	P	W	S	125LEBO	3180
02N36E26BCDB	003	105	6	P	G	S	125TLCK	3380
02N36E28DDAC	003	--	6	P	G	S	--	3255
02N37E04BDCD	003	--	--	P	W	S	--	3124
02N37E05C	103	43	--	--	--	H	125TLCK	--
02N37E08ADDC	103	130	--	J	E	H	125TLCK	3090
02N37E08BDAD	103	100	6	--	--	S	125TLCK	3115
02N37E09BCAD	103	80	4	--	--	S	125TLCK	3142
02N37E09DDDD	103	160	6	P	E	S	125TLCK	3165
02N37E10DCBC	103	--	--	--	--	S	--	3220
02N37E11DCCB	103	140	--	--	--	S	125LEBO	3241
02N37E12CDAD	103	--	--	--	--	S	--	3300
02N37E13CCBC	103	90	6	--	--	S	125LEBO	3280
02N37E14ABBB	103	75	--	--	--	--	125LEBO	3230
02N37E15DAAA	103	102	4	--	--	S	125TLCK	3201
02N37E16DCCD	103	110	6	P	E	S	125TLCK	3120
02N37E17ACCC	103	80	6	--	--	S	125TLCK	3135
02N37E18CCAD	103	--	--	--	--	S	--	3225
02N37E20ABDC	003	90	--	P	E	S	125TLCK	3170
02N37E21CAAC	003	30	--	--	--	H	125LEBO	3135
02N37E22DBAB	003	60	6	P	W	S	125LEBO	3188

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
93.40	R	08/21/1975	7 R	05/10/1964	1180	11.0	03N44E21C8A8
70.50	S	08/29/1975	--	--	--	--	03N44E24ACAC
--		--	--	--	--	--	03N44E24ACAC2
--		--	--	--	--	--	03N44E24ACAC3
360.00	R	08/29/1975	10 R	07/28/1961	--	--	03N44E24B8AA
6.60	S	09/04/1975	--	--	--	--	03N44E25ACDC
6.60	S	09/04/1975	--	--	--	--	03N44E25ACDC2
103.90	S	09/04/1975	2 R	09/04/1975	--	--	03N44E28D8DC
14.40	S	08/19/1975	5 R	1953	--	--	03N44E31BAAA
80.00		10/03/1973	12 R	10/03/1973	1800	10.0	03N44E31C8DC
69.40	S	08/19/1975	--	--	--	--	03N44E31C8DC2
37.50	S	08/19/1975	--	--	--	--	03N44E32B8DA
24.70	S	08/21/1975	10 R	1961	--	--	03N44E32BD8A
19.40	SR	08/12/1976	--	--	--	--	03N45E13ABBC
7.50	S	10/17/1975	--	--	--	--	03N45E36C88A
4.40	S	08/17/1976	--	--	--	--	03N45E36C8B8
54.10	SP	08/11/1976	2 V	08/11/1976	1300	--	03N46E03ADBC
	F	--	4 V F	08/12/1976	1100	10.5	03N46E12BADA
10.50	S	10/16/1975	--	--	--	--	03N46E12BD8C
63.20	SR	10/05/1976	--	--	--	--	03N47E05AACC
11.20		10/17/1975	--	--	--	--	03N47E06ABBC
47.40	SR	08/12/1976	--	--	--	--	03N47E07BCAB
280.00	RR	11/11/1976	--	--	--	--	03N48E18DB8B
186.00	RR	07/14/1976	2 V	07/14/1976	1650	--	03N48E27CABD
164.80	SR	08/11/1976	2 V	08/11/1976	2350	--	03N51E01DAAA
88.40	S	10/05/1976	--	--	--	--	03N51E32CCCD
39.00	SP	08/11/1976	6 V	08/11/1976	1700	10.0	03N51E36BCAD
74.10	SP	08/13/1976	3 V	08/13/1976	5500	10.5	03N52E17DCBC
172.00	SP	08/11/1976	2 V	08/11/1976	4000	13.5	03N52E32C3BD
106.70	SR	08/26/1976	--	--	--	--	03N53E14C3CB
119.50	SP	08/17/1976	--	--	--	--	03N53E27ACBD
36.70	SR	10/05/1976	--	--	1900	13.0	02N35E24C8BA
19.00	SP	10/05/1976	--	--	1800	14.0	02N35E35DCAA
	R	--	--	--	--	--	02N36E11ADAA
30.00	SR	07/21/1975	5 R	07/21/1975	--	--	02N36E12A8DC
50.40	SR	08/20/1975	--	--	--	--	02N36E26BCDB
--		--	1 E	08/20/1975	2240	14.5	02N36E28DDAC
32.00	S	06/ /1973	--	--	--	--	02N37E04BDCD
25.00	R	--	--	--	--	--	02N37E05C
15.00	R	--	30 R	06/25/1973	--	10.5	02N37E08ADDC
44.00	R	12/ /1964	40 R	12/26/1973	--	10.5	02N37E08BDAD
40.00	R	10/ /1968	20 R	--	--	10.5	02N37E09BCAD
100.00	R	--	20 R	12/26/1973	--	10.5	02N37E09DDDD
--		--	--	--	--	8.5	02N37E10DCBC
80.00	SR	12/26/1973	3 R	12/26/1973	--	--	02N37E11DCCB
85.00	R	--	5	--	--	--	02N37E12CDAD
50.00	R	--	20 R	12/26/1973	--	10.0	02N37E13CC8C
8.90		07/06/1973	--	--	--	--	02N37E14ABB8
21.00	R	--	7 R	12/26/1973	--	9.5	02N37E15DAAA
30.00	S	10/10/1973	8 R	10/10/1973	--	--	02N37E16DCCD
30.00	SR	12/26/1973	15 R	12/26/1973	--	--	02N37E17ACCC
--		--	--	--	--	--	02N37E18CCAD
60.00	R	--	10 R	06/26/1973	--	11.0	02N37E20A8DC
15.00	R	--	--	--	--	12.5	02N37E21CAAC
22.00	S	10/10/1973	10 R	10/10/1973	--	--	02N37E22DBAB

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
02N37E24CBCC	003	100	4	--	--	S	125TGRV	3340
02N37E27DABC	003	440	--	--	--	U	125TLCK	3285
02N37E27DCBA	003	100	4	P	E	S	125LEBO	3247
02N37E28ACCB	003	50	4	P	E	S	125LEBO	3140
02N37E28ACCB2	003	80	--	J	E	H	125LEBO	3160
02N37E29CADD	003	50	4	P	E	S	125LEBO	3180
02N37E31CBCD	003	30	--	P	E	S	125LEBO	3290
02N37E31CBDB	003	30	--	P	E	S	125LEBO	3276
02N37E31CCCB	003	60	--	J	E	H	125LEBO	3310
02N37E32ABBB	003	100	--	--	--	S	125LEBO	3220
02N37E33DCBB	003	--	--	P	E	S	--	3208
02N37E34BCDA	003	--	--	P	E	S	--	3165
02N37E34DABD	003	70	--	J	E	S	125LEBO	3218
02N37E34DACB	003	60	--	P	E	S	125LEBO	3210
02N37E34DCAB	003	--	--	P	E	H	--	3210
02N37E35CDCC	003	40	--	--	--	U	110ALVM	3222
02N37E36CCCC	003	--	--	P	E	S	--	3282
02N38E07DCCC	103	58	6	--	--	S	125LEBO	3297
02N38E08DCCA	103	110	6	--	--	S	125TGRV	3365
02N38E15ADDA	103	--	--	--	--	S	--	3540
02N38E17AAAA	103	38	--	--	--	U	125TGRV	3385
02N38E18ABBB	103	70	--	--	--	H	125LEBO	3310
02N38E18ACDB	103	70	--	--	--	S,Z	125LEBO	3336
02N38E18DACD	103	140	--	--	--	U	125TGRV	3365
02N38E20ADAC	103	160	6	--	--	S	125TGRV	3415
02N38E20DDCA	103	86	4	--	--	S	125TGRV	3450
02N38E22BBAB	103	--	--	--	--	S	--	3500
02N38E24BCBA	103	--	--	J	E	H	--	3520
02N38E25CDDD	103	--	6	--	--	S	--	3620
02N38E26AAAB	103	225	6	--	--	S	125TGRV	3655
02N38E26AABA	103	266	6	S	E	S	125TGRV	3659
02N38E28ABDB	103	--	--	P	E	S	--	3490
02N38E28ABDB2	103	--	--	P	E	S	--	3490
02N38E29DDCB	103	325	--	--	--	U	125TGRV	3645
02N38E29DDCB2	103	218	--	--	--	U	125TGRV	3645
02N38E29DDCB3	103	150	--	--	--	U	125TGRV	3645
02N38E30BDDD	103	--	--	P	Z	U	--	3518
02N38E32ABDB	103	114	--	P	E	S	125TGRV	3524
02N38E32CAAD	103	140	--	--	--	U	125TGRV	3590
02N38E36CDBD	103	--	6	P	W	U	--	3766
02N39E01BBCA	087	130	4	P	G	S	125TGRV	3250
02N39E03CDBB	087	115	6	P	W	S	125TGRV	3190
02N39E05BCBD	087	57	4	S	E	S	125TGRV	3210
02N39E05DDDC	087	16	6	P	E	S	110ALVM	3170
02N39E06B	087	340	--	--	--	H	125TGRV	--
02N39E12C	087	220	--	--	--	H	125TGRV	--
02N39E12CCCB	087	555	4	S	E	H	125TGRV	3160
02N39E12CCCD	087	71	6	P	E	I	125TGRV	3150
02N39E12CCDB	087	20	6	P	E	S	110ALVM	3130
02N39E14BDBB	087	240	6	S	E	H	125TGRV	3180
02N39E16ACDD	087	100	--	P	W	H	125TGRV	3260
02N39E17DCAA	087	--	--	--	--	S	--	3318
02N39E19CACB	087	--	--	--	--	S	--	3468
02N39E20DBCB	087	--	--	S	E	S	--	3457
02N39E23CAAB	087	100	--	P	W	--	125TGRV	3360

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
40.00		--	4 R	08/08/1972	--	10.5	02N37E24C8CC
300.00	S	10/11/1972	2 R	10/11/1973	--	--	02N37E27DA8C
33.00	S	10/05/1973	12 R	10/05/1973	--	--	02N37E27DC8A
12.00	R	10/11/1973	6 R	10/11/1973	--	--	02N37E28ACC8
15.00	R	--	7 R	10/11/1973	--	--	02N37E28ACC82
6.00	R	--	7 R	10/11/1973	--	--	02N37E29CADD
--		--	--	--	--	8.5	02N37E31C8CD
--		--	--	--	--	10.0	02N37E31C8D8
--		--	--	--	--	11.0	02N37E31CCC8
--		--	--	--	--	9.0	02N37E328888
10.00	E	10/10/1973	--	--	--	--	02N37E33DC88
65.00	R	06/22/1973	4 R	06/22/1973	--	7.0	02N37E34BCDA
--		--	--	--	--	13.0	02N37E34DA8D
21.00		09/06/1973	--	--	--	10.0	02N37E34DAC8
--		--	--	--	--	9.0	02N37E34DCA8
15.00	R	03/21/1975	20	03/21/1975	1240	--	02N37E35CDCC
--		--	--	--	--	11.0	02N37E36CCCC
20.00	R	--	10 R	12/27/1973	--	10.0	02N38E07DCCC
60.00	R	10/ /1973	30R	12/27/1973	--	8.5	02N38E08DCCA
--		--	--	--	--	11.0	02N38E15ADDA
--		--	--	--	--	--	02N38E17AAAA
40.00	R	06/ /1973	35 R	08/08/1972	--	9.0	02N38E18A888
40.00	R	01/02/1973	35 R	01/02/1973	--	--	02N38E18ACD8
68.00	R	03/24/1975	5 R	03/24/1975	--	--	02N38E18DACD
60.00	R	07/ /1973	15	--	--	10.0	02N38E20BDAC
20.00	R	--	35 R	12/27/1973	--	9.5	02N38E20DDCA
--		--	--	--	--	10.0	02N38E22B8AB
--		--	--	--	--	11.5	02N38E24BC8A
--		--	5 R	12/27/1973	--	--	02N38E25CDDD
200.00	R	--	30 R	12/27/1973	--	--	02N38E26AAA8
166.00	S	10/10/1973	20 V	10/10/1973	--	12.0	02N38E26AABA
--		--	--	--	--	9.0	02N38E28A8D8
--		--	--	--	--	12.0	02N38E28A8D82
275.00	R	04/03/1975	--	--	--	--	02N38E29DDC8
173.50	R	04/11/1975	--	--	--	--	02N38E29DDC82
147.50	R	04/11/1975	--	--	--	--	02N38E29DDC83
--		--	--	--	--	--	02N38E30BDDD
84.00	S	10/ /1973	0.6 V	10/05/1973	2390	13.0	02N38E32ABD8
73.00	R	04/28/1975	--	--	--	--	02N38E32CAAD
17.00	V	07/29/1975	0.7 V	07/29/1975	7500	10.0	02N38E36CD3D
75.00	R	--	7 R	07/26/1973	--	--	02N39E01B8CA
59.00	S	09/13/1973	12 R	09/13/1973	--	--	02N39E03CD88
--		--	8 V	09/13/1973	2400	11.0	02N39E05BCBD
15.00	S	09/13/1973	0.1 V	09/13/1973	--	14.0	02N39E05DDDC
--		--	--	--	--	--	02N39E06B
85.00		--	--	--	--	--	02N39E12C
--		--	12 V	11/10/1972	1200	13.5	02N39E12CCC8
35.00	R	--	35 R	07/27/1973	--	--	02N39E12CCCD
17.00	R	--	35 R	07/27/1973	--	--	02N39E12CCD8
--		--	15 R	07/23/1975	3150	--	02N39E14BD88
35.00	R	07/26/1973	18 R	07/26/1973	--	--	02N39E16ACDD
--		--	--	--	--	--	02N39E17DCAA
--		--	--	--	--	--	02N39E19CAC8
--		--	12 V	08/08/1975	3920	13.5	02N39E20DBC8
98.00	S	07/26/1973	--	--	1450	--	02N39E23CAA8

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAMETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
02N39E24CDAB	087	140	6	P	W	S	125TGRV	3250
02N39E24CDDD	087	46	4	P	E	U	125TGRV	3240
02N39E25ACDC	087	136	--	S	E	--	125TGRV	3280
02N39E27CCCC	087	262	4	--	--	S	125TGRV	3430
02N39E29BCCC	087	--	--	--	--	S	--	3456
02N39E31ACDC	087	128	5	P	E	S	125TGRV	3555
02N39E31CDBA	087	220	6	--	--	U	125TGRV	3625
02N39E32DDDD	087	--	--	P	W	S	--	3520
02N39E34ADBB	087	60	--	J	E	H	125TGRV	3435
02N39E34DADB	087	80	4	--	--	S	125TGRV	3470
02N40E01AAAA	087	117	4	--	--	J	125LEBO	3145
02N40E02DACB	087	69	4	--	--	U	125LEBO	3205
02N40E06AABB	087	--	4	S	E	H	--	3190
02N40E06AABB2	087	103	4	P	E	S	125TGRV	3190
02N40E06CBDB	087	104	4	P	W	S	125TGRV	3170
02N40E07BDCB	087	128	4	P	W	S	125TGRV	3210
02N40E11AABA	087	122	6	P	W	S	125LEBO	3241
02N40E28AADD	087	146	6	P	W	S	125TGRV	3375
02N40E29CDCC	087	--	--	--	--	S	--	3400
02N40E30BAAC	087	246	3	P	W	S	125TGRV	3270
02N40E31DCCD	087	165	4	S	E	S	125TGRV	3530
02N40E32BBAB	087	--	--	J	E	H	--	3390
02N40E32BBDA	087	67	4	--	--	--	125TGRV	3430
02N40E33DAAA	087	140	4	P	W	S	125TGRV	3370
02N40E35DDCD	087	250	4	P	G	S	125TGRV	3425
02N41E01DBBA	087	--	--	P	W	S	--	3150
02N41E02DBBA	087	237	4	P	E	H,S	125LEBO	3170
02N41E08ACCD	087	--	--	P	E	S	--	3210
02N41E08CCD	087	--	4	P	E	S	--	3180
02N41E10BCBC	087	150	4	P	W	S	125TGRV	3170
02N41E12CCAD	087	160	--	P	W	S	125TGRV	3178
02N41E17ADAA	087	110	--	S	E	H	125TGRV	3121
02N41E20DDDC	087	70	5	P	W	S	125TGRV	3224
02N41E21CADA	087	122	--	S	E	--	125TGRV	3185
02N41E21CDDD	087	120	4	P	G	S	125TGRV	3240
02N41E24CAAA	087	27	30	P	E	S	125TGRV	3450
02N41E24CAAB	087	18	--	J	E	H	125TGRV	3450
02N41E30DDAA	087	--	--	--	--	S	--	3360
02N41E33DAAA	087	1520	--	T	E	P	211FHHC	3270
02N41E33DAAA2	087	595	12	--	--	P	125TLCK	3265
02N41E33DAAA3	087	--	--	S	E	P	--	3265
02N41E34BBCC	087	614	--	S	E	P	125TLCK	3260
02N41E34CDC	087	795	6	--	--	P	125TLCK	3245
02N41E35DABD	087	46	4	--	--	--	125TGRV	3245
02N41E35DABD2	087	24	4	--	--	U	125TGRV	3245
02N42E04DACA	087	102	4	P	W	S	125TGRV	3010
02N42E05CABB	087	--	--	P	W	S	--	3070
02N42E06CBCD	087	120	4	P	W	S	125TGRV	3140
02N42E20CDAD	087	115	--	P	W	S	125TGRV	3200
02N42E23CCCA	087	190	6	P	W	S	125TGRV	3023
02N42E25ACBA	087	105	4	P	W	S	125TGRV	2960
02N42E31CAAA	087	110	4	--	--	S	125TGRV	3220
02N42E36DDDB	087	240	6	P	W	S	125TGRV	3060
02N43E02ABBD	087	390	--	P	E	S	125TLCK	3010
02N43E04ACAD	087	81	4	P	E	S	125TLCK	2810

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
50.00	R	--	--	--	--	--	02N39E24CDAB
17.00	S	07/26/1973	15 R	07/26/1973	--	--	02N39E24CDDD
58.00	R	07/12/1973	4 R	07/12/1973	--	--	02N39E25ACDC
126.00	S	07/06/1973	--	--	--	--	02N39E27CCCC
--		--	--	--	--	--	02N39E29BCCC
35.90	V	07/29/1975	--	--	--	--	02N39E31ACDC
73.10	V	07/29/1975	--	--	--	--	02N39E31CDBA
--		--	--	--	3500	12.5	02N39E32DDDD
27.00	R	01/ /1972	5	--	--	--	02N39E34ADBB
26.00	S	07/10/1973	--	--	1900	16.0	02N39E34DADB
93.40	V	08/06/1975	--	--	--	--	02N40E01AAAA
29.30	V	08/06/1975	--	--	--	--	02N40E02DACB
49.40	SR	07/23/1975	--	--	2400	14.0	02N40E06AABB
71.10	VR	07/23/1975	--	--	2930	10.5	02N40E06AABB2
84.00	R	--	7 R	08/25/1973	3000	10.5	02N40E06CBDB
80.00	R	07/25/1973	30 R	07/25/1973	--	--	02N40E07BDCB
47.40	V	08/06/1975	0.9 V	08/06/1975	3200	14.0	02N40E11AABA
75.70	VR	07/24/1975	--	--	3510	12.0	02N40E28AADD
77.50+	G	07/24/1975	6 V F	07/24/1975	2820	16.0	02N40E29CDCC
72.00	R	1971	--	--	3500	14.0	02N40E30BAAC
113.00	S	11/09/1972	6 V	11/09/1972	1750	13.0	02N40E31DCCD
--		--	--	--	950	--	02N40E32BBAB
23.00	S	07/12/1973	--	--	--	--	02N40E32BBDA
14.90	V	07/24/1975	--	--	--	--	02N40E33DAAA
146.00	S	07/ /1973	10 R	10/31/1972	2800	11.5	02N40E35DDCD
62.00	S	08/30/1973	--	--	--	11.5	02N41E01DBBA
150.00	R	03/22/1956	30 R	03/22/1956	--	--	02N41E02DBBA
--		--	--	--	--	--	02N41E08ACCD
--		--	1 E	08/06/1975	--	--	02N41E08CCD
100.00	R	--	10 R	07/19/1973	1820	13.0	02N41E10BCBC
40.00	RR	03/23/1976	1 V	03/23/1976	1520	9.5	02N41E12CCAD
--		--	7 V	10/03/1973	--	12.0	02N41E17ADAA
22.60	S	08/07/1975	--	--	--	--	02N41E20DDDC
35.00	S	11/09/1973	20 R	11/09/1972	--	10.0	02N41E21CADA
40.30	V	08/07/1975	4 V	08/07/1975	3830	11.0	02N41E21CDDD
23.00	S	07/18/1973	2 R	07/18/1973	--	--	02N41E24CAAA
--		--	--	--	--	--	02N41E24CAAB
--		--	--	--	--	13.0	02N41E30DDAA
--		--	10 R	06/28/1974	--	--	02N41E33DAAA
203.00	R	09/ /1936	35 R	06/28/1974	--	--	02N41E33DAAA2
--		--	--	--	--	--	02N41E33DAAA3
--		--	--	--	--	--	02N41E34BBCC
326.00	R	08/ /1973	13 Z	06/28/1974	--	--	02N41E34BCDC
26.00	S	11/28/1973	0.5 R	11/28/1973	--	--	02N41E35DABD
20.00	S	11/28/1973	0.2 R	11/28/1973	--	--	02N41E35DABD2
60.00	R	--	6 R	08/30/1973	--	11.5	02N42E04DACA
56.00	S	08/30/1973	--	--	--	11.0	02N42E05CABB
86.00	S	11/ /1972	4 R	11/01/1972	1850	12.0	02N42E06CBCD
--		--	--	--	--	--	02N42E20CDAD
180.00	R	06/29/1956	19 R	06/29/1956	--	--	02N42E23CCCA
42.10	S	03/23/1976	--	--	--	--	02N42E25ACBA
80.00	R	10/ /1947	7 R	10/ /1947	--	--	02N42E31CAAA
146.00	SR	03/22/1976	--	--	--	--	02N42E36DDDB
240.00	S	--	5 E	--	2400	12.0	02N43E02ABBD
40.00	S	10/03/1973	10 R	10/03/1973	--	--	02N43E04ACAD

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAMETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
02N43E04CDAA	087	220	4	J	E	H	125TLCK	2790
02N43E04D	087	254	--	--	--	H	125TLCK	--
02N43E05AAAA	087	60	4	P	W	S	125LEBD	2780
02N43E06BABA	087	26	--	--	--	U	125LEBD	2850
02N43E10DDAA	087	200	--	P	--	S	125TLCK	2893
02N43E16AA	087	51	6	S	E	S	110ALVM	2825
02N43E16DABB	087	29	--	P	E	S	110ALVM	2830
02N43E17AACC	087	346	6	P	G	S	125TLCK	2840
02N43E18AAAC	087	66	--	P	W	S	125TGRV	2892
02N43E20CABB	087	49	--	P	W	S	125TGRV	2919
02N43E23CBAB	087	68	--	P	W	S	125LEBD	2890
02N43E23CBBA	087	100	4	P	W	S	125TGRV	2870
02N43E24DDDD	087	--	--	P	W	S	--	2990
02N43E25BCAA	087	74	--	P	W	S	125TGRV	2968
02N43E27AADD	087	--	--	P	W	S	--	2938
02N43E27CCBC	087	--	--	S	E	S	--	2910
02N43E28ABBD	087	160	8	--	--	H	125TGRV	2830
02N43E28CAAC	087	75	6	P	W	S	125LEBD	2850
02N43E28CCBC	087	210	--	S	E	J	125TLCK	2830
02N43E30BDDA	087	--	--	P	W	S	--	2910
02N43E32CAAD	087	--	--	P	W	S	--	2876
02N43E36BAAB	087	42	--	P	W	S	125TGRV	3004
02N44E01BAAA	087	335	4	P	W	S	125TLCK	2930
02N44E13AC3B	087	20	48	C	G	S	125TGRV	2820
02N44E17CABC	087	228	4	P	G	S	125TGRV	3070
02N44E21DDDC	087	150	--	P	W	S	125LEBD	2920
02N44E23DCBA	087	137	7	--	--	S	125TLCK	2820
02N44E24CDCC	087	--	4	P	W	S	--	2810
02N44E29AABA	087	46	--	P	W	--	125TGRV	3010
02N44E29CBBB	087	800	--	P	G	S	211HLCK	3092
02N44E32DAAC	087	75	--	P	W	S	125TGRV	2963
02N44E32DADB	087	67	--	P	W	S	125TGRV	2963
02N44E33DDAC	087	168	--	P	W	S	125TGRV	2890
02N44E34CCCD	087	23	--	P	W	S	125TGRV	2870
02N45E03BBBA	017	33	--	P	E	S	125LEBD	2760
02N45E20CDDC	017	13	36	--	--	J	110ALVM	2705
02N45E20CDDD	017	20	7	--	--	U	110ALVM	2707
02N45E32CBBB	017	210	--	S	E	S	125TLCK	2740
02N46E19CAAC	017	52	4	S	E	S	125TGRV	2960
02N46E21ADBB	017	123	4	S	E	S	125LEBD	2833
02N46E23ABBC	017	181	4	S	E	S	125LEBD	3000
02N46E30ACDA	017	124	4	S	E	S	125LEBD	2985
02N46E34BDAB	017	117	4	P	W	S	125LEBD	2926
02N47E12BACA	017	250	--	P	W	--	125TLCK	2960
02N47E22BDBD	017	230	4	P	W	S	125TLCK	2920
02N47E23DABC	017	330	--	S	E	S	125TLCK	2980
02N47E26ABAD	017	140	4	P	W	S	125LEBD	3030
02N47E32BBBC	017	72	4	P	W	S	125LEBD	2890
02N48E02BA9A	017	82	4	P	E	S	125LEBD	3025
02N48E15BCBC	017	272	4	P	E	S	125LEBD	3210
02N48E19BDDC	017	98	4	P	W	S	125TGRV	3010
02N48E30DDBC	017	265	3	P	E	H	125LEBD	3060
02N48E31BCBB	017	170	4	P	W	S	125LEBD	3070
02N48E32BADB	017	135	4	P	E	S	125TGRV	3130
02N49E04CADC	017	78	4	P	E	H,S	125TLCK	2870

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
--		--	10 R	09/27/1973	2300	12.5	02N43E04CDAA
--		--	--	--	--	--	02N43E04D
12.00	S	09/27/1973	--	--	--	--	02N43E05AAAA
23.00	S	10/03/1973	--	--	--	--	02N43E06BABA
150.00	R	--	8 R	10/03/1973	5800	10.5	02N43E10DDAA
51.00	R	05/14/1956	50 R	05/14/1956	--	--	02N43E16AA
26.00	S	10/ /1973	3 V	--	2800	9.5	02N43E16DABB
276.00	R	07/10/1958	30 R	07/10/1958	--	--	02N43E17AACC
50.00	S	10/02/1973	--	--	--	--	02N43E18AAAC
42.00	S	10/02/1973	2 V	10/02/1973	2000	9.5	02N43E20CABB
22.00	S	09/ /1973	--	--	--	--	02N43E23CBAB
--		--	--	--	--	--	02N43E23CBBA
--		--	--	--	2900	10.0	02N43E24DDDD
50.00	S	09/28/1973	--	--	2500	11.0	02N43E25BCAA
18.00	S	09/27/1973	--	--	--	--	02N43E27AADD
73.00	S	10/19/1972	6 V	10/19/1972	1850	13.0	02N43E27CCBC
40.00	R	02/22/1965	30 R	02/22/1965	--	--	02N43E28ABBD
50.00	R	05/11/1961	7 R	05/11/1961	--	--	02N43E28CAAC
19.00	S	09/27/1973	--	--	--	15.0	02N43E28CCBC
--		--	--	--	--	--	02N43E30BDDA
12.00	S	10/04/1973	--	--	--	--	02N43E32CAAD
27.00	S	09/28/1973	--	--	2600	11.0	02N43E36BAAB
229.00	S	09/10/1975	--	--	--	--	02N44E01BAAA
8.10	S	09/11/1975	--	--	--	--	02N44E13ACBB
64.90	S	09/03/1975	20 R	04/05/1962	--	--	02N44E17CABC
3.00	S	10/26/1972	--	--	2000	--	02N44E21DDDC
60.00	R	07/16/1959	10 R	07/16/1959	--	--	02N44E23DCBA
	P	--	2 E	09/11/1975	--	--	02N44E24CDCC
10.00	R	09/28/1973	--	--	--	--	02N44E29AABA
316.00	S	09/ /1973	--	--	--	--	02N44E29CBBB
31.00	S	10/ /1972	--	--	4000	11.0	02N44E32DAAC
--		--	--	--	--	--	02N44E32DADB
14.00	S	09/13/1973	--	--	5000	12.5	02N44E33DDAC
3.00	S	09/25/1973	--	--	--	--	02N44E34CCCD
21.40	SP	08/17/1976	2 V	08/17/1976	1350	10.5	02N45E03BBBA
10.00	S	10/17/1975	--	--	--	--	02N45E20CDDC
10.90		10/17/1975	--	--	--	--	02N45E20CDDD
37.50	SP	08/19/1976	30 V	08/19/1976	1400	12.0	02N45E32CBBB
19.80	SR	07/27/1976	--	--	--	--	02N46E19CAAC
49.80	SR	07/22/1976	6 V	07/22/1976	1110	--	02N46E21ADBB
106.20	SR	07/27/1976	3 V	07/27/1976	2600	11.5	02N46E23ABBC
60.20	SR	07/27/1976	5 E	07/27/1976	1190	11.5	02N46E30ACDA
43.00	SR	07/22/1976	0.5 V	07/22/1975	2500	12.0	02N46E34BDAB
158.20	SR	08/17/1976	--	--	--	--	02N47E12BACA
45.30	SP	07/14/1976	3 V	07/14/1976	2030	12.5	02N47E22BDBD
182.90	SP	07/14/1976	4 V	07/14/1976	2700	--	02N47E23DABC
112.00	SP	07/14/1976	5 V	07/02/1943	3200	--	02N47E26ABAD
31.30	SP	07/13/1976	2 V	07/13/1976	4160	11.0	02N47E32BBBC
25.10	SR	08/18/1976	3 V	08/18/1976	600	9.0	02N48E02BABA
205.10	SP	07/15/1976	4 V	07/15/1976	2340	--	02N48E15BCBC
65.50	SP	07/15/1976	4 V	07/15/1976	1510	13.0	02N48E19BDDC
90.00	RR	07/14/1976	3 V	07/14/1976	1830	--	02N48E30DDDC
72.00	S	07/15/1976	3 V	07/15/1976	3950	15.0	02N48E31BCBB
87.00	RR	07/14/1976	4 V	07/14/1976	2690	12.0	02N48E32BADB
68.10	SP	07/15/1976	2 E	07/15/1976	2940	--	02N49E04CADC

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
02N51E04CCCC	017	101	4	S	E	H	211HLCK	2810
02N51E11AACD	017	140	4	--	--	U	211HLCK	2870
02N51E11ADBB	017	164	3	--	--	H	125TLCK	3090
02N51E18DDBA	017	100	4	P	--	U	125TLCK	2930
02N52E28BADC	017	225	4	P	W	S	125TLCK	3120
02N52E31AAAD	017	108	6.5	--	--	U	125TLCK	3070
02N53E01DACC	017	101	3	P	W	S	211HLCK	2790
02N53E36ADBD	017	158	4	P	W	S	211HLCK	2915
02N54E28CAAC	017	87	4	P	W	S	211HLCK	2760
01N35E24DBCA	003	47	4	S	E	S	211HLCK	3100
01N36E01BACA	003	55	--	--	--	H	125TGRV	3360
01N36E14CCCA	003	--	4	P	E	S	--	3401
01N36E14CCDA	003	90	4	P	H	H	125TGRV	3450
01N36E22AADA	003	100	4	S	E	--	125LEBD	3395
01N36E23BABA	003	--	6	S	E	S	--	3423
01N36E25CCCC	003	--	--	P	G	S	--	3423
01N36E36CABA	003	--	--	--	--	S	--	4860
01N37E02BAAA	003	--	--	J	E	S	--	3249
01N37E03CDAB	003	90	4	J	E	S	125LEBD	3212
01N37E03CDAB2	003	87	4	P	E	S	125LEBD	3212
01N37E04ACBB	003	75	--	P	H	H	125LEBD	3250
01N37E06ACAD	003	50	--	--	--	S	125TGRV	3378
01N37E07DDDB	003	98	6	P	E	S	125TGRV	3425
01N37E08CCAD	003	100	4	--	--	Z	125LEBD	3380
01N37E08CCCC	003	130	--	--	--	S	125TGRV	3410
01N37E10CDDB	003	147	--	--	--	H	125LEBD	3235
01N37E12ACAA	003	60	--	--	--	J	125TGRV	3280
01N37E12DAAA	003	--	4	P	H	--	--	3292
01N37E13ACAB	003	87	--	--	--	S	125TGRV	3355
01N37E13CABB	003	72	4	--	--	U	125TGRV	3408
01N37E13CABB2	003	125	4	--	--	U	125TGRV	3408
01N37E14ACCC	003	130	--	--	--	S	125TGRV	3395
01N37E15BAAD	003	140	--	--	--	S	125LEBD	3280
01N37E15BBBA	003	--	--	--	--	H	--	3287
01N37E15BBCA	003	140	--	--	--	H	125LEBD	3274
01N37E16ACCC	003	--	--	--	--	C	--	3325
01N37E16DDDD	003	--	--	--	--	S	--	3272
01N37E18AABA	003	130	6	J	E	S	125TGRV	3435
01N37E18BABC	003	130	4	P	G	S	125TGRV	3490
01N37E19DABB	003	--	--	--	--	S	--	3395
01N37E20ABCB	003	--	4	P	E	S	--	3480
01N37E20CCBC	003	--	4	P	G	S	--	3432
01N37E21ACDD	003	30	--	--	--	S	110ALVM	3290
01N37E22BBAD	003	160	--	--	--	S	125LEBD	3300
01N37E23DBCD	003	80	--	--	--	S	125TGRV	3500
01N37E24CACA	003	15	--	--	--	S	125TGRV	3540
01N37E24CACC	003	8	--	--	--	U	125TGRV	3549
01N37E24CADB	003	11	--	Z	--	U	125TGRV	3550
01N37E26ABBC	003	123	--	--	--	U	125TGRV	3419
01N37E27BDCB	003	30	--	--	--	U	125LEBD	3345
01N37E29DABB	003	160	4	P	G	S	125TGRV	3463
01N37E32DDCC	003	50	--	P	G	S	125TGRV	3398
01N37E33AAAB	003	130	--	--	--	S	125LEBD	3331
01N37E34DACB	003	80	--	--	--	U	125TGRV	3220
01N37E34DACB2	003	60	--	S	--	U	125TGRV	3210

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
12.00	SR	08/26/1976	10 V	08/26/1976	3200	10.5	02N51E04CCCC
94.30	S	10/05/1976	--	--	--	--	02N51E11AACD
40.00	RR	--	0.5 V	08/04/1976	3930	10.5	02N51E11ADBB
67.10	S	10/05/1976	--	--	--	--	02N51E18DDBA
186.00	SR	08/18/1976	2 V	08/18/1976	3400	--	02N52E28BADC
90.60	S	10/07/1976	--	--	--	--	02N52E31AAAD
58.70	SP	08/17/1976	4 V	08/17/1976	775	10.5	02N53E01DACC
127.50	SR	08/18/1976	--	--	--	--	02N53E36ADBD
52.40	S	08/18/1976	--	--	--	--	02N54E28CAAC
20.70	SR	10/05/1976	--	--	1700	13.0	01N35E24DBCA
--		--	--	--	--	12.0	01N36E01BACA
12.30	S	09/05/1975	--	--	--	--	01N36E14CCCA
60.30	S	09/04/1975	2 E	09/04/1975	2130	13.0	01N36E14CCDA
20.00	P	12/28/1973	10 R	12/28/1973	--	--	01N36E22AADA
13.30	S	09/04/1975	--	--	--	--	01N36E23BABA
--		--	--	--	--	--	01N36E25CCCC
--		--	--	--	--	--	01N36E36C4BA
25.00	S	06/22/1973	--	--	--	11.0	01N37E02BAAA
--		--	--	--	--	13.0	01N37E03CDAB
12.00	S	08/14/1973	--	--	--	--	01N37E03CDAB2
--		--	--	--	--	--	01N37E04ACBB
30.00	R	--	--	--	--	--	01N37E06ACAD
46.70	S	08/18/1975	6 V	08/18/1975	1780	10.5	01N37E07DDDB
35.00	R	06/ /1972	12 R	12/28/1973	--	--	01N37E08CCAD
60.00		--	10 R	10/11/1973	--	--	01N37E08CCCC
126.00	R	--	30 R	07/28/1973	--	--	01N37E10CDDB
25.00	R	03/21/1975	20 R	03/21/1975	1180	--	01N37E12ACAA
16.00	R	--	--	--	--	--	01N37E12DAAA
36.00	S	07/23/1972	10 R	07/23/1972	910	12.0	01N37E13ACAB
23.00	S	11/27/1973	--	--	--	--	01N37E13CABB
86.00	S	11/27/1973	--	--	--	--	01N37E13CAB2
59.00	R	--	5 E	07/20/1972	2160	11.0	01N37E14ACCC
39.00	R	--	5 R	09/20/1972	3390	--	01N37E15BAAD
--		--	--	--	--	11.0	01N37E15BBBA
16.00	R	--	20 R	07/20/1972	2290	--	01N37E15BBCA
--		--	--	--	--	12.0	01N37E16ACCC
--		--	--	--	--	--	01N37E16DDDD
60.00	R	10/11/1973	10 R	10/11/1973	--	--	01N37E18AABA
65.00	R	07/ /1967	9 Z	10/11/1973	--	--	01N37E18BABC
--		--	--	--	--	--	01N37E19DABB
150.00	R	--	10 R	07/02/1973	--	11.0	01N37E20ABCB
55.00	R	--	7 R	07/03/1973	--	--	01N37E20CCBC
9.00	RR	08/13/1972	27 R	08/13/1972	2170	8.0	01N37E21ACDD
20.00		--	--	--	--	--	01N37E22BBAD
40.00	R	--	5 R	07/20/1972	1920	--	01N37E23DBCD
15.00	R	--	0.5 R	12/28/1973	--	--	01N37E24CACA
5.00	R	07/24/1972	--	--	910	12.0	01N37E24CACC
7.00	S	10/11/1973	--	--	--	11.0	01N37E24CADB
40.00	R	--	5 E	07/13/1972	1510	--	01N37E26ABBC
9.00	R	--	5 R	08/13/1972	2630	11.0	01N37E27BDCB
125.00	R	10/ /1966	15 R	07/02/1973	--	10.5	01N37E29DABB
--		--	--	--	--	9.0	01N37E32DDCC
35.00	E	--	--	--	--	9.0	01N37E33AAAB
28.00	S	09/06/1973	--	--	--	--	01N37E34DACB
19.00	S	09/06/1973	1	--	--	--	01N37E34DACB2

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAMETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
01N37E35C8CB	003	30	--	--	--	S	110ALVM	3390
01N38E04DCCD	003	140	--	P	W	S	125TGRV	3517
01N38E05DA8C	003	120	--	--	--	U	125TGRV	3500
01N38E05DBAD	003	260	--	--	--	U	125TGRV	3480
01N38E08ADAC	003	146	--	P	G	S	125TGRV	3455
01N38E11B8CB	003	--	--	P	G	S	--	3760
01N38E17CBDA	003	190	--	P	E	S	125TGRV	3308
01N38E17DAAA	003	113	--	--	--	S	125TGRV	3396
01N38E19BCCC	003	160	--	--	--	S	125TGRV	3463
01N38E19C88B	003	45	4	--	--	U	125TGRV	3450
01N38E19C88B2	003	125	4	--	--	U	125TGRV	3450
01N38E19C88B3	003	232	4	--	--	U	125TGRV	3450
01N38E19CD0B	003	115	4	--	--	U	125TGRV	3450
01N38E20BDAC	003	--	--	--	--	S	--	3475
01N38E22AADA	003	100	4	--	--	S	125TGRV	3395
01N38E22CCCC	003	30	--	--	--	U	125TGRV	3410
01N38E22CCCC2	003	--	6.6	--	--	H,S	--	3410
01N38E23BBBD	003	120	--	S	E	S	125TGRV	3520
01N38E23CCDA	003	60	--	J	E	S	125TGRV	3465
01N38E25BCCA	003	80	--	P	E	S	125TGRV	3507
01N38E26DBAA	003	140	--	J	E	--	125TGRV	3475
01N38E28AAAA	003	200	--	S	E	H	125TGRV	3410
01N38E29ADCA	003	100	--	--	--	H	125TGRV	3482
01N38E29ADDA	003	20	--	--	--	--	125TGRV	3440
01N38E29CABD	003	45	--	--	--	--	125TGRV	3490
01N38E30AAAD	003	142	4	--	--	U	125TGRV	3565
01N38E30AAAD2	003	215	4	--	--	U	125TGRV	3565
01N38E30AAAD3	003	290	4	--	--	U	125TGRV	3565
01N38E30DDAD	003	--	--	--	--	I	--	3540
01N38E30DD8B	003	61	4	--	--	U	125TGRV	3548
01N38E30DD8B2	003	111	--	--	--	U	125TGRV	3550
01N38E30DD8B3	003	--	4	--	--	--	--	3550
01N38E30DD8D	003	50	--	--	--	U	125TGRV	3528
01N38E31CCCC	003	165	--	--	--	H	125TGRV	3534
01N38E31DD8A	003	63	4	--	--	U	125TGRV	3585
01N38E31DD8A2	003	135	4	--	--	U	125TGRV	3585
01N38E31DD8A3	003	267	4	--	--	U	125TGRV	3585
01N38E32ABBA	003	--	--	--	--	S	--	3500
01N38E32BAAB	003	15	--	--	--	S	125TGRV	3490
01N38E32BABC	003	--	--	--	--	--	--	3530
01N38E32BACB	003	225	--	--	--	S	125TGRV	3530
01N38E32CDCB	003	164	6	--	--	Z	125TGRV	3620
01N38E34CDCC	003	120	--	P	W	S	125TGRV	3590
01N38E35ACBD	003	--	--	P	E	S	--	3537
01N38E36ADDD	003	--	--	P	N	S	--	3555
01N38E36BACD	003	--	4	P	E	H	--	3536
01N38E36BBCB	003	193	6	P	E	S	125TGRV	3540
01N38E36BDAD	003	110	4	--	--	U	125TGRV	3545
01N38E36BDAD2	003	196	4	--	--	U	125TGRV	3545
01N38E36BDAD3	003	288	4	--	--	U	125TGRV	3545
01N38E36BDBB	003	--	--	P	E	S	--	3520
01N38E36BDBD	003	--	--	--	--	S	--	3510
01N38E36CDBD	003	12	--	P	--	S	110ALVM	3519
01N38E36CDCD	003	--	--	--	--	S	--	3548
01N39E01BBBA	087	96	4	P	E	S	125TGRV	3470

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
--		--	--	--	1390	10.0	01N37E35C3C3
53.00	S	08/ /1973	--	--	--	11.5	01N38E04DCCD
99.50	R	--	--	--	--	--	01N38E05DA8C
202.50	R	04/11/1975	--	--	--	--	01N38E05D8AD
103.00	S	08/27/1973	0.5	--	--	10.0	01N38E08ADAC
23.00	S	08/ /1973	--	--	--	9.0	01N38E11B8CB
78.00	S	08/29/1973	--	--	--	--	01N38E17C8DA
63.00	S	08/ /1973	--	--	--	11.0	01N38E17DAAA
24.00		--	4 R	08/11/1972	--	--	01N38E19BCCC
9.00	S	11/27/1973	--	--	--	--	01N38E19C3BB
50.00	S	11/27/1973	--	--	--	--	01N38E19C8B82
124.00	S	11/27/1973	15 R	11/27/1973	--	--	01N38E19C3B33
36.00	S	07/25/1972	5 R	07/25/1972	1440	11.0	01N38E19CDD3
40.00	R	--	--	--	--	--	01N38E20BDAC
20.00	R	05/ /1971	10 R	05/ /1971	--	--	01N38E22AADA
5.00	S	07/18/1972	10 R	07/18/1972	2240	9.0	01N38E22CCCC
24.70	S	11/23/1976	--	--	--	--	01N38E22CCCC2
60.00	R	07/03/1973	--	--	--	12.0	01N38E23BB8D
24.00		07/03/1973	--	--	--	9.0	01N38E23CCDA
35.00	R	07/ /1973	--	--	--	9.0	01N38E25BCCA
80.00	R	07/07/1973	--	--	--	--	01N38E26D8AA
37.30		--	--	--	2560	12.0	01N38E28AAAA
30.00	R	07/21/1972	5 Z	07/21/1972	851	15.0	01N38E29ADCA
0.00	SR	07/28/1972	--	--	1780	8.0	01N38E29ADDA
--		--	5 R	07/ /1972	1180	8.0	01N38E29CABD
114.00	S	11/27/1973	--	--	--	--	01N38E30AAAD
161.00	S	11/11/1973	--	--	--	--	01N38E30AAAD2
182.00	S	11/27/1973	--	--	--	--	01N38E30AAAD3
--		--	5 R	07/25/1972	1820	7.5	01N38E30DDAD
32.00	S	11/27/1973	--	--	--	--	01N38E30DDBB
45.00	S	11/27/1973	--	--	--	--	01N38E30DDBB2
110.80	R	--	--	--	--	--	01N38E30DDB83
23.00	S	07/24/1972	--	--	921	9.0	01N38E30DDBD
70.00	S	08/13/1972	--	--	1580	12.0	01N38E31CCCC
29.00	S	11/27/1973	--	--	--	--	01N38E31DDBA
55.00	S	11/27/1973	--	--	--	--	01N38E31DD3A2
110.00	S	11/27/1973	--	--	--	--	01N38E31DD3A3
--		--	--	--	--	--	01N38E32ABBA
6.00	R	--	--	--	719	12.0	01N38E32BAAB
--		--	--	--	1030	12.5	01N38E32BABC
128.00	S	08/10/1972	8 R	08/10/1972	2440	13.5	01N38E32BACB
74.00	S	08/10/1972	--	--	--	12.0	01N38E32CDCB
80.00	S	07/04/1973	--	--	--	12.0	01N38E34CDCC
225.00	S	08/ /1957	5 R	07/26/1973	--	--	01N38E35ACBD
--		--	--	--	--	--	01N38E36ADDD
60.00	R	10/ /1954	10 R	07/26/1973	--	--	01N38E36BACD
--		--	--	--	--	--	01N38E36B8CB
46.00	S	11/27/1973	--	--	--	--	01N38E36BDAD
108.00	S	11/27/1973	--	--	--	--	01N38E36BDAD2
159.00	S	11/27/1973	--	--	--	--	01N38E36BDAD3
--		--	--	--	910	--	01N38E36BDBB
--		--	--	--	--	--	01N38E36BDBD
4.00	S	10/04/1973	--	--	--	--	01N38E36CDBD
--		--	--	--	--	--	01N38E36CDCD
39.00	S	07/12/1973	4 E	07/12/1973	--	--	01N39E01B8BA

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
01N39E05CB8	087	300	--	P	E	S	125TGRV	3685
01N39E11ADAD	087	--	--	P	E	S	--	3860
01N39E12CCCC	087	40	6	P	E	S	125TGRV	3733
01N39E19CAAB	003	65	--	P	E	S	125TGRV	3795
01N39E23CAAA	087	188	--	P	W	S	125TGRV	3898
01N39E24BBBC	087	122	--	P	W	S	125TGRV	3826
01N39E26ABBB	087	375	3	P	W	S	125TGRV	3978
01N39E30BCAC	003	--	--	J	E	H	--	3630
01N39E30BCDB	003	--	--	J	E	S	--	3621
01N39E30BDCB	003	136	--	J	E	H	125TGRV	3635
01N39E31AAAC	003	--	--	--	--	S	--	3684
01N40E01CCCD	087	--	--	P	W	S	--	3418
01N40E02BCAB	087	44	36	P	E	H	125TGRV	3510
01N40E02CDCC	087	100	--	P	E	S	125TGRV	3512
01N40E04DADA	087	--	--	P	W	S	--	3505
01N40E068	087	48	--	--	--	H	125TGRV	--
01N40E07BCBB	087	84	--	P	W	S	125TGRV	3723
01N40E10DADB	087	--	--	P	W	S	--	3470
01N40E11ABBB	087	--	--	P	W	S	--	3558
01N40E12CBAA	087	40	--	P	G	S	110ALVM	3398
01N40E12DCCD	087	--	--	P	W	S	--	3427
01N40E14BBBB	087	--	--	S	E	H	--	3438
01N40E14BBBB2	087	--	--	S	E	S	--	3438
01N40E16AADA	087	--	--	P	W	S	--	3480
01N40E16DBAA	087	--	--	P	H	U	--	3520
01N40E18ABBB	087	--	--	--	--	H	--	3640
01N40E18BABA	087	--	--	S	E	S	--	3608
01N40E18DDCA	087	50	--	P	W	U	125TGRV	3654
01N40E21AAAD	087	120	--	J	--	U	125TGRV	3548
01N40E24CACB	087	46	--	P	W	S	125TGRV	3390
01N40E28ADDD	087	74	--	P	W	S	125TGRV	3410
01N40E29ABCC	087	232	--	P	W	S	125TGRV	3555
01N40E35DBBC	087	30	4	P	W	S	125TGRV	3298
01N40E36BACD	087	104	--	P	W	S	125TGRV	3448
01N41E01ACAB	087	38	4	--	--	U	111SPBK	3225
01N41E01ACAB2	087	59	4	--	--	U	125TGRV	3225
01N41E01DDAC	087	48	4	--	--	U	125TGRV	3295
01N41E01DDAC2	087	26	4	--	--	--	111SPBK	3295
01N41E03CDDD	087	86	--	P	E	S	125TGRV	3330
01N41E04DDBA	087	87	7	P	E	S	125TGRV	3330
01N41E06C	087	50	--	--	--	H	125TGRV	--
01N41E06DDDB	087	--	--	--	--	S	--	3362
01N41E07DBBA	087	125	--	P	W	S	125TGRV	3360
01N41E08CBAB	087	18	--	P	--	U	125TGRV	3345
01N41E08CBAB2	087	100	--	P	W	S	125TGRV	3355
01N41E12ADDD	087	50	4	--	--	U	111SPBK	3270
01N41E12ADDD2	087	22	4	--	--	U	111SPBK	3270
01N41E12CBDB	087	51	--	S	E	S	125TGRV	3440
01N41E12D	087	65	--	--	--	H	125TGRV	--
01N41E13CDCD	087	200	5	--	--	I	125TGRV	3290
01N41E17BBBB	087	71	4	--	--	S	125TGRV	3382
01N41E22AACC	087	53	--	--	--	U	125TGRV	3290
01N41E22ABCC	087	156	--	--	--	U	125TGRV	3390
01N41E22ABDD	087	59	--	--	--	--	125TGRV	3310
01N41E22BAAB	087	97	4	--	--	U	125TGRV	3370

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
--		--	3 V	07/05/1973	--	12.0	01N39E05C3B
--		--	--	--	--	11.0	01N39E11ADAD
12.00	S	09/27/1973	6 V	09/27/1973	--	9.0	01N39E12CCCC
--		--	5 V	10/04/1974	--	9.0	01N39E19CAAB
121.00	S	09/27/1973	--	--	--	--	01N39E23CAAA
62.00	S	09/27/1973	--	--	--	11.5	01N39E24BBBC
--		--	--	--	--	--	01N39E26ABBB
--		--	--	--	--	13.0	01N39E30BCAC
--		--	--	--	--	--	01N39E30BCDB
99.00	S	10/04/1973	--	--	--	11.0	01N39E30BDCB
--		--	10 E	07/27/1973	--	--	01N39E31AAAC
--		--	--	--	--	--	01N40E01CCCD
34.00	S	07/19/1973	--	--	520	9.0	01N40E02BCAB
42.00	S	10/02/1973	--	--	--	11.0	01N40E02CDCC
--		--	--	--	--	--	01N40E04DADA
40.00		--	--	--	--	--	01N40E06B
40.00	S	10/ /1973	--	--	--	--	01N40E07BCBB
--		--	--	--	--	--	01N40E10DADB
--		--	--	--	--	--	01N40E11ABBB
9.00	S	10/ /1972	--	--	--	10.5	01N40E12CBAA
--		--	--	--	--	11.0	01N40E12DCCD
--		--	--	--	--	9.0	01N40E14BBBB
--		--	--	--	--	--	01N40E14BBBB2
--		--	--	--	--	11.0	01N40E16AADA
40.00	S	09/24/1973	--	--	--	--	01N40E16DBAA
--		--	--	--	--	13.0	01N40E18ABBB
--		--	5 V	09/27/1973	--	11.0	01N40E18BABA
23.00	S	09/24/1973	--	--	--	--	01N40E18DDCA
106.00	S	09/24/1973	--	--	--	--	01N40E21AAAD
34.00	S	09/13/1973	--	--	--	--	01N40E24CACB
34.00	S	09/13/1973	--	--	--	--	01N40E28ADDD
80.00	R	1960	--	--	--	11.0	01N40E29ABCC
23.10	SR	03/24/1976	3 V	03/24/1976	4220	9.0	01N40E35DBBC
83.00		09/13/1973	--	--	--	--	01N40E36BACD
--		--	--	--	--	--	01N41E01ACAB
35.00	S	11/28/1973	4 Z	11/28/1973	--	--	01N41E01ACAB2
23.00	S	11/28/1973	5 R	11/28/1973	--	--	01N41E01DDAC
23.00	S	11/28/1973	--	--	--	--	01N41E01DDAC2
66.00	S	08/20/1973	3 V	08/20/1973	--	11.5	01N41E03CDDD
70.50	SR	03/25/1976	2 V	03/25/1976	1690	8.5	01N41E04DDBA
--		--	--	--	--	--	01N41E06C
--		--	--	--	--	--	01N41E06DDDB
100.00	R	1962	--	--	--	11.5	01N41E07BBBA
--		--	5 R	10/02/1973	--	--	01N41E08CBAB
--		--	15 R	10/02/1973	--	11.0	01N41E08CBAB2
37.00	S	11/28/1973	2 R	11/28/1973	--	--	01N41E12ADDD
--		--	--	--	--	--	01N41E12ADDD2
--		--	2 V	08/02/1973	3000	15.5	01N41E12CBDB
54.00		--	--	--	--	--	01N41E12D
107.00	S	11/09/1972	8 R	11/09/1972	2150	16.0	01N41E13CDCD
8.00	S	03/23/1976	1 V	03/23/1976	205	6.5	01N41E17BBBB
30.00	S	08/07/1973	--	--	--	--	01N41E22AACC
108.00	S	08/08/1973	--	--	--	--	01N41E22ABCC
34.60	S	08/07/1973	--	--	--	--	01N41E22ABDD
83.00	S	08/07/1973	--	--	--	--	01N41E22BAAB

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAMETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
01N41E22CABD	087	52	4	--	--	U	125TGRV	3290
01N41E22CACC	087	54	--	--	--	U	125TGRV	3290
01N41E22DBAB	087	132	--	--	--	U	125TGRV	3370
01N41E23BBBD	087	49	4	--	--	U	125TGRV	3250
01N41E23BCAC	087	50	--	--	--	U	125TGRV	3230
01N41E23BCDB	087	50	--	--	--	--	125TGRV	3230
01N41E23BCDB2	087	60	4	--	--	N	125TGRV	3230
01N41E23BCDC	087	74	--	J	E	N	125TGRV	3230
01N41E23BCDD	087	59	--	--	--	U	125TGRV	3230
01N41E23CBAB	087	80	4	--	--	U	125TGRV	3220
01N41E23CBBA	075	297	6	T	E	S	125TGRV	3220
01N41E24DDBB	087	30	--	--	--	S	125TGRV	3150
01N41E25DDBB	087	60	--	P	E	S	125TGRV	3090
01N41E26BCAA	087	35	--	--	--	U	125TGRV	3210
01N41E26BCAB	087	195	4	P	Z	U	125TGRV	3190
01N41E26CBAB	087	27	--	--	--	U	125TGRV	3210
01N41E26CBAB2	087	102	--	--	--	U	125TGRV	3210
01N41E26CBAC	087	66	--	--	--	U	125TGRV	3210
01N41E26CBBA	087	37	--	--	--	U	125TGRV	3200
01N41E27AADD	087	40	4	--	--	U	125TGRV	3233
01N41E27AADD2	087	16	4	--	--	U	125TGRV	3233
01N41E27DAAC	087	51	4	--	--	U	125TGRV	3260
01N41E27DAAC2	087	34	4	--	--	U	111SPBK	3260
01N41E30BBCD	087	90	--	P	W	S	125TGRV	3330
01N41E31AADA	087	85	--	P	Z	S	125TGRV	3250
01N41E33BCCB	087	65	--	P	G	S	125TGRV	3190
01N42E07CBAB	087	33	4	--	--	U	125TGRV	3237
01N42E07CBBC	087	940	--	--	--	N	125TGRV	3270
01N42E10CCDC	087	43	6	P	W	S	125TGRV	3075
01N42E12ABBA	087	42	--	P	W	S	125TGRV	2956
01N42E13BCAC	087	--	--	--	--	U	--	3090
01N42E17BDDC	087	52	4	--	--	U	111SPBK	3270
01N42E17DBDA	087	28	4	--	--	U	125TGRV	3210
01N42E18AAAB	087	48	4	--	--	U	111SPBK	3160
01N42E18AAAB2	087	76	4	--	--	U	125TGRV	3160
01N42E19DBBA	087	47	4	--	--	S	125TGRV	3130
01N42E22CABD	087	55	--	P	W	S	125TGRV	3050
01N42E25BBCC	087	107	--	--	--	S	125TGRV	2950
01N42E25BCDD	087	94	--	J	E	H	125TGRV	2930
01N42E28BDDC	087	53	--	A	W	S	125TGRV	2990
01N42E31BBBC	087	--	--	P	E	S	--	3090
01N42E32DADD	087	--	--	--	--	S	--	2990
01N42E33ADBC	087	42	6	S	E	S	125TGRV	2970
01N42E33BDCA	087	91	4	--	--	S	125TGRV	2990
01N42E34AABA	087	117	5	--	--	H	125TGRV	2945
01N42E34ACAB	087	275	4	S	E	H	125TGRV	2960
01N43E02CCDA	087	50	--	P	W	S	125TGRV	3010
01N43E04ADDD	087	60	--	P	W	S	125TGRV	2910
01N43E09DDDA	087	--	--	P	W	S	--	2965
01N43E15ACAA	087	27	--	P	W	H	125TGRV	2990
01N43E17AACA	087	--	4	P	E	--	--	2900
01N43E18DDBA	087	94	4	S	E	H,I	125TGRV	2880
01N43E20CCCD	087	42	--	P	E	--	125TGRV	2936
01N43E21CBCA	087	67	--	P	W	S	125TGRV	2960
01N43E22BBAA	087	22	--	P	W	S	125TGRV	2981

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
22.00	S	08/21/1973	--	--	--	--	01N41E22CABD
18.00	S	08/21/1973	--	--	--	--	01N41E22CACC
95.00	S	08/08/1973	--	--	--	--	01N41E22DBAB
--		--	--	--	--	--	01N41E23BBBD
44.00	S	08/03/1973	--	--	--	--	01N41E23BCAC
44.00	S	08/09/1973	--	--	--	--	01N41E23BCDB
44.00	R	--	5 R	08/07/1973	--	--	01N41E23BCDB2
45.00	S	08/09/1973	--	--	2800	19.0	01N41E23BCDC
40.00	S	08/09/1973	--	--	--	--	01N41E23BCDD
44.10	S	08/28/1975	5 R	1973	--	--	01N41E23CBAB
145.00	RP	--	35 R	--	--	--	01N41E23CBBA
12.00	S	08/10/1973	--	--	--	--	01N41E24DDBB
38.00	S	08/02/1973	--	--	--	--	01N41E25DDBB
23.00	S	08/07/1973	--	--	--	--	01N41E26BCAA
23.00	S	08/02/1973	8 R	08/20/1973	--	--	01N41E26BCAB
12.00	S	08/07/1973	--	--	--	--	01N41E26CBAB
23.00	S	08/07/1973	--	--	--	--	01N41E26CBAB2
25.00	S	08/07/1973	--	--	--	--	01N41E26CBAC
25.00	S	08/07/1973	--	--	--	--	01N41E26CBBA
25.00	S	10/28/1973	0.5 R	11/28/1973	--	--	01N41E27AADD
10.00	S	10/28/1973	--	--	--	--	01N41E27AADD2
46.00	S	11/28/1973	--	--	--	--	01N41E27DAAC
--		--	--	--	--	--	01N41E27DAAC2
30.00	R	--	8 R	09/07/1973	--	--	01N41E30BBCD
38.00	S	09/ /1973	--	--	--	--	01N41E31AADA
22.00	S	09/05/1973	--	--	--	--	01N41E33BCCB
22.00	S	11/28/1973	2 R	11/28/1973	--	--	01N42E07CBAB
--		--	40 R	06/28/1974	--	--	01N42E07CBBC
18.80	S	10/18/1972	15 R	10/18/1972	3100	10.5	01N42E10CCDC
--		--	--	--	--	--	01N42E12ABBA
--		--	--	--	--	--	01N42E13BCAC
35.00	S	11/28/1973	5 R	--	--	--	01N42E17BDDC
20.00	S	11/28/1973	--	--	--	--	01N42E17DBDA
41.00	S	11/28/1973	--	--	--	--	01N42E18AAAB
45.00	S	11/28/1973	0.5 R	11/28/1973	--	--	01N42E18AAAB2
21.00	S	08/02/1973	8 R	08/02/1973	1600	11.0	01N42E19DBBA
--		--	--	--	4500	11.0	01N42E22CABD
--		--	30 R	09/06/1973	--	--	01N42E25BBCC
14.00	S	09/06/1973	--	--	4000	--	01N42E25BCDD
18.00	S	08/28/1973	--	--	2020	10.0	01N42E28BDDC
--		--	--	--	--	--	01N42E31BBBC
32.00	S	08/28/1973	--	--	--	--	01N42E32DADD
21.00	S	09/28/1972	13 V	09/28/1972	3200	10.0	01N42E33ADBC
57.00	R	--	1 V	08/28/1973	--	12.0	01N42E33BDCA
9.10	S	06/23/1977	50 R	06/10/1977	2360	10.5	01N42E34AABA
8.00	S	02/ /1973	--	--	--	--	01N42E34ACAB
41.00	S	09/28/1973	--	--	1050	10.5	01N43E02CCDA
40.00	S	10/ /1973	--	--	--	--	01N43E04ADDD
--		--	--	--	4900	11.5	01N43E09DDDA
9.00		09/29/1973	--	--	--	--	01N43E15ACAA
39.00	S	10/18/1972	4 V	10/18/1972	2000	10.5	01N43E17AACA
61.00	R	--	7 R	1941	--	--	01N43E18DDBA
8.00		10/ /1973	--	--	--	--	01N43E20CCCD
30.00	S	09/29/1973	--	--	--	--	01N43E21CBCA
7.00	S	09/29/1973	--	--	5800	11.5	01N43E22BBAA

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
01N43E24DDAA	087	37	--	P	W	S	125TGRV	2997
01N43E25BBDC	087	107	1.25	--	--	S	125TGRV	3240
01N43E26BCAB	087	96	--	P	W	S	125TGRV	3045
01N43E27CDDD	087	172	--	--	--	U	125TGRV	3150
01N43E29BCDA	087	80	4	P	E	S	125TGRV	2980
01N43E30BBDB	087	150	4	J	E	H	125TGRV	2920
01N43E31ADBC	087	79	--	P	W	S	125TGRV	3144
01N43E31BADC	087	210	4	P	W	S	125TGRV	3075
01N43E32DDAA	087	56	--	P	E	S	125TGRV	3030
01N43E33BBBB	087	33	--	P	E	S	110ALVM	2990
01N43E36BDAC	087	63	4	P	G	S	125TGRV	3180
01N44E01ACBA	087	--	6	--	--	S	--	2730
01N44E01CBBD	087	426	2	--	--	S	125TLCK	2740
01N44E02BCBD	075	22	36	P	W	--	125LEBO	2790
01N44E04DABD	087	45	--	P	W	S	125TGRV	2890
01N44E06CADC	087	85	--	P	W	S	125TGRV	3020
01N44E07AADA	087	--	--	P	W	S	--	2955
01N44E08ACCB	087	84	--	P	W	S	125TGRV	2910
01N44E10ABAC	087	234	4	P	--	U	125LEBO	2841
01N44E12C	087	216	--	--	--	H	125LEBO	--
01N44E12CBCA	087	--	--	J	E	H	--	2750
01N44E12CBCD	087	51	6	J	E	S,I	110ALVM	2750
01N44E14BBDC	087	700	--	--	--	H	211HLCK	2730
01N44E14BBDC2	087	--	4	C	E	H	--	2755
01N44E16DBDB	087	--	--	--	--	U	--	2930
01N44E17AAAD	087	31	--	P	W	S	125TGRV	2875
01N44E18AACB	087	38	--	P	W	S	125TGRV	2950
01N44E19DCAA	087	59	--	P	W	S	125TGRV	2930
01N44E22AADA	087	500	2.5	--	--	H,S	125TLCK	2765
01N44E22C	087	365	--	--	--	H	125TLCK	--
01N44E27BDBC	087	41	4	P	E	S	110ALVM	2810
01N44E27CBAC	087	--	--	--	--	--	--	2800
01N44E29ACBD	087	24	--	P	W	S	125TGRV	2895
01N44E31AABA	087	70	--	P	W	S	125TGRV	3030
01N44E31CDCB	087	131	--	P	--	U	125TGRV	3000
01N45E18CABB	017	80	4	P	W	S	125TGRV	2860
01N45E32DDDC	017	135	4	P	W	S	125TGRV	3080
01N46E03DBDD	017	66	4	P	W	S	125TGRV	2980
01N46E06ACBC	017	93	4.5	P	W	S	125TGRV	2965
01N46E06BDAD	017	104	--	P	W	S	125TGRV	2965
01N46E09DBAA	017	66	4	P	W	S	125TGRV	3070
01N46E14DABD	017	89	4	--	--	S	125TGRV	3057
01N46E20DDAD	017	149	4	P	W	S	125TGRV	3394
01N46E26ABCB	017	750	4	P	W	S	125TLCK	3192
01N46E30BCCB	017	110	4	S	E	S	125TGRV	3090
01N46E31DAAC	017	61	4	P	W	S	125TGRV	3140
01N47E04CCAA	017	141	4	P	W	S	125TGRV	2970
01N47E12BAAC	017	152	4	P	W	U	125TGRV	3000
01N47E20AADC	017	112	4	P	W	S	125TGRV	3110
01N47E20ACDC	017	140	4	--	--	S	125TGRV	3140
01N47E23DBDD	017	120	4	P	W	S	125TGRV	3090
01N47E27CACD	017	120	6	S	E	S	125TGRV	3130
01N47E28DDAD	017	112	4	P	W	S	125TGRV	3130
01N47E32ACDC	017	89	4	P	W	S	125TGRV	3214
01N47E35ABCC	017	90	4	P	W	S	125TGRV	3250

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
6.00		09/29/1973	--	--	--	--	01N43E24DDAA
66.00	R	05/ /1959	30 R	05/ /1959	--	--	01N43E25BBDC
16.00	S	09/30/1973	--	--	--	--	01N43E26BCAB
135.00	S	09/30/1973	--	--	--	--	01N43E27CDDD
80.00	R	05/ /1946	14 R	05/ /1946	--	--	01N43E29BCDA
100.00	R	1944	10 R	1944	--	--	01N43E30B3DB
56.00	S	10/ /1973	--	--	--	--	01N43E31ADBC
189.00	R	07/15/1960	4 R	07/15/1960	--	--	01N43E31BADC
9.00	S	10/ /1973	--	--	--	--	01N43E32DDAA
19.00	S	10/ /1973	--	--	--	10.5	01N43E33BBBB
46.00	R	01/ /1961	50 R	01/ /1961	--	--	01N43E36BDAC
0.00	R	09/04/1975	0.5 RF	09/04/1975	--	--	01N44E01ACBA
	F	09/03/1975	0.5 VF	09/03/1975	--	--	01N44E01CBBD
14.00	R	09/25/1973	--	--	--	--	01N44E02BCBD
22.00	S	09/ /1973	--	--	--	--	01N44E04DABD
81.00	S	09/28/1973	--	--	--	--	01N44E06CADC
46.00	S	10/19/1972	--	--	.4000	11.0	01N44E07AADA
14.00	S	09/28/1973	--	--	--	--	01N44E08ACCB
93.00	S	09/10/1975	--	--	--	--	01N44E10ABAC
	F	--	--	--	--	--	01N44E12C
--		--	--	--	2300	16.0	01N44E12CBCA
12.00	SR	09/12/1973	--	--	--	--	01N44E12CBCD
--		--	--	--	2400	14.5	01N44E14BBDC
--		--	--	--	4300	12.0	01N44E14BBDC2
--		--	--	--	--	--	01N44E16DBDB
2.00	S	09/12/1973	--	--	--	--	01N44E17AAAD
8.00		09/29/1973	--	--	--	--	01N44E18AACB
11.00	S	09/13/1973	--	--	--	--	01N44E19DCAA
	F	09/03/1975	2 R F	--	--	--	01N44E22AADA
	F	--	--	--	--	--	01N44E22C
3.50		10/17/1975	--	--	--	--	01N44E27BDBC
--		--	--	--	2400	14.0	01N44E27CBAC
3.00	S	09/13/1973	--	--	2300	11.0	01N44E29ACBD
3.00	S	09/13/1973	--	--	1800	13.0	01N44E31AABA
75.00	S	09/13/1973	--	--	--	--	01N44E31CDCB
37.70	SR	08/24/1976	0.5 V	08/24/1976	2400	12.0	01N45E18CABB
77.50	SR	08/24/1976	1 V	08/24/1976	1500	12.0	01N45E32DDDC
33.00	SR	07/22/1975	1 V	07/21/1975	2910	11.0	01N46E03DBDD
86.30	SP	10/05/1976	2 V	10/05/1976	2120	10.5	01N46E06ACBC
21.10	SP	07/22/1976	3 V	07/22/1976	2620	12.0	01N46E06BDAD
14.50	SR	07/22/1976	1 V	07/22/1976	2950	11.5	01N46E09DBAA
25.40	SR	07/22/1976	3 V	07/21/1976	2850	10.0	01N46E14DABD
143.50	SR	07/21/1976	--	--	--	--	01N46E20DDAD
--		--	1 V	07/21/1976	1530	15.5	01N46E26ABCB
70.90	SR	07/21/1976	12 V	07/21/1976	3180	12.0	01N46E30BCCB
46.30	SR	07/21/1976	3 V	07/21/1976	1790	11.5	01N46E31DAAC
26.50	SP	07/13/1976	6 V	07/13/1976	1610	11.0	01N47E04CCAA
46.00	S	07/15/1976	2 V	07/15/1976	2110	11.0	01N47E12BAAC
30.50	SP	07/07/1976	3 V	07/07/1976	3730	13.0	01N47E20AADC
100.00	RP	03/01/1974	10	03/01/1974	--	--	01N47E20ACDC
20.00	RP	09/18/1966	5 R	07/08/1976	4200	10.5	01N47E23DBDD
60.00	R	02/27/1974	20 R	02/27/1974	2840	11.5	01N47E27CACD
90.00	R	1948	8 R	--	--	--	01N47E28DDAD
69.70	S	07/06/1976	--	--	--	--	01N47E32ACDC
40.00	RP	05/03/1955	4	07/06/1974	2090	12.0	01N47E35ABCC

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAMETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
01N48E22ACBB	017	203	4	P	W	S	125LEBO	3070
01N48E28CDAD	017	74	4	P	W	S	125TGRV	3055
01N49E18BDAA	017	114	4	S	E	H,S	125LEBO	2980
01N49E25AACB	017	35	4	P	W	S	125TGRV	3230
01N49E26CBBD	017	230	4	S	E	H	125TGRV	3395
01N49E30DBBC	017	58	4	P	W	S	125LEBO	3020
01N49E36ADAD	017	162	4	P	W	S	125TGRV	3305
01N50E21ACCB	017	150	6	--	--	U	125TGRV	3270
01N50E22DADB	017	111	4	P	W	S	125TGRV	3100
01N50E32BAAA	017	305	4	P	W	S	125LEBO	3318
01N50E32DDBD	017	80	--	S	E	H	125TGRV	3410
01N51E34ADDA	017	100	4	P	E	S	125TLCK	3030
01N52E14CCCB	017	440	--	--	--	H	125TLCK	3145
01N52E26CDAA	017	86	4	P	W	S	125LEBO	3250
01N52E33BBBC	017	111	4	P	W	S	125LEBO	3170
01N53E01ADDA	017	190	4	P	W	S	125TLCK	2918
01N53E35DCBC	017	75	--	--	--	--	--	2846
01N54E09BBDA	017	168	6	--	--	S	211HLCK	2755
01N54E18DDB	075	400	--	--	--	U	211FHHC	2798
01S36E01BDCD	003	--	--	--	--	S	--	3334
01S36E02DDCD	003	--	--	--	--	S	--	3190
01S36E03ADBD	003	--	--	--	--	S	--	3323
01S36E10BDDA	003	--	--	--	--	S	--	3360
01S37E01BAAC	003	174	4	--	--	J	125TGRV	3494
01S37E01BAAD	003	300	4	S	E	H	125TGRV	3509
01S37E01BAAD2	003	160	4	P	E	S	125TGRV	3501
01S37E02CDBC	003	--	--	--	--	H	--	3408
01S37E03AABD	003	60	--	J	E	H	125LEBO	3362
01S37E03CCCC	003	--	--	--	--	--	--	3395
01S37E04ADDD	003	--	--	--	--	--	--	3365
01S37E04BDAB	003	--	--	--	--	S	--	3431
01S37E05DBCD	003	--	--	--	--	S	--	3530
01S37E06CCBB	003	--	--	P	G	S	--	3430
01S37E08CBDA	003	--	--	--	--	--	--	3469
01S37E13BCDB	003	50	4	P	G	S	125TGRV	3500
01S38E03CACC	003	180	--	--	--	S	125TGRV	3652
01S38E05DCAD	003	83	--	--	--	S	125TGRV	3466
01S38E05DDB	003	44	--	--	--	U	110ALVM	3480
01S38E09ACBB	003	120	--	--	--	--	125TGRV	3517
01S38E09BADD	003	80	--	--	--	H	125TGRV	3505
01S38E09BDDA	003	84	--	--	--	--	125TGRV	3508
01S38E09CAAA	003	98	--	--	--	--	125TGRV	3518
01S38E11BCBC	003	180	4	P	G	S	125TGRV	3600
01S38E12BBDB	003	260	4	P	E	--	125TGRV	3651
01S38E12DDBD	003	210	4	P	E	S	125TGRV	3700
01S38E13CBDA	003	190	4	P	E	S	125TGRV	3822
01S38E14DADB	003	325	4	--	--	J	125TGRV	3898
01S38E15CBAC	003	75	--	P	W	S	125TGRV	3570
01S38E23BBAD	003	300	4	P	G	S	125TGRV	3675
01S39E04BCAC	003	--	--	--	--	S	--	3591
01S39E07CABA	003	--	--	--	--	S	--	3640
01S39E08BBDB	003	--	--	--	--	S	--	3598
01S39E18BDAA	003	190	--	S	E	H	125TGRV	3665
01S39E18BDAD	003	180	--	P	E	S	125TGRV	3630
01S40E05CDAD	087	--	--	P	W	S	--	3670

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
45.50	SR	06/29/1976	1 V	06/29/1976	2950	--	01N48E22ACBB
6.70	SR	06/29/1976	1 V	06/29/1976	3520	10.5	01N48E28CDAD
40.00	RR	06/29/1976	20 E	07/22/1932	2440	11.0	01N49E18BDAA
14.60	SR	07/01/1976	3 V	07/01/1976	900	11.5	01N49E25AACB
150.00	RR	07/02/1976	--	--	1050	11.0	01N49E26CBBD
11.50	SR	06/30/1976	3 V	06/30/1976	1650	10.5	01N49E30DBBC
69.60	SR	07/01/1976	3 V	07/01/1976	2200	14.0	01N49E36ADAD
140.80	S	07/14/1975	--	--	--	--	01N50E21ACCB
19.00	SR	07/14/1976	--	--	--	--	01N50E22DADB
200.00	RR	09/22/1962	5 V	08/04/1976	2240	11.5	01N50E32BAAA
40.00	RR	--	15 R	07/07/1976	750	16.0	01N50E32DDBD
21.30	SP	10/05/1976	5 V	10/05/1976	1080	--	01N51E34ADDA
330.30	SR	11/11/1976	--	--	--	--	01N52E14CCCB
42.10	SR	08/24/1976	3 V	08/24/1976	960	10.0	01N52E26CDAA
80.00	SP	08/24/1976	2 V	08/24/1976	2250	11.0	01N52E33BBBC
163.30	S	08/19/1976	--	--	--	--	01N53E01ADDA
--		--	--	--	--	--	01N53E35DCBC
3.50	S	08/19/1976	--	--	--	--	01N54E09BBDA
44.56	S	11/14/1976	12 V	11/14/1977	--	--	01N54E18DDB
--		--	--	--	--	--	01S36E01BDCD
--		--	--	--	--	--	01S36E02DDCD
--		--	--	--	--	--	01S36E03ADBD
--		--	--	--	--	--	01S36E10BDDA
55.00	S	09/12/1973	--	--	--	11.0	01S37E01BAAC
100.00	R	09/11/1973	--	--	--	12.0	01S37E01BAAD
--		--	--	--	--	11.0	01S37E01BAAD2
--		--	--	--	--	10.0	01S37E02CDBC
--		--	--	--	--	9.5	01S37E03AABD
--		--	--	--	--	11.5	01S37E03CCCC
--		--	--	--	--	12.0	01S37E04ADDD
--		--	--	--	--	--	01S37E04BDAB
--		--	--	--	--	12.5	01S37E05DBCD
--		--	--	--	--	--	01S37E06CCBB
--		--	--	--	--	--	01S37E08C3DA
--		--	4 R	09/10/1973	--	11.0	01S37E13BCDB
80.00	S	08/10/1972	--	--	909	--	01S38E03CACC
56.00	S	07/ /1972	--	--	--	--	01S38E05DCAD
13.00	S	07/26/1972	--	--	--	--	01S38E05DDB
15.00	R	07/18/1972	3 E	07/18/1972	1280	--	01S38E09ACBB
--		--	20 R	07/18/1972	1510	--	01S38E09BADD
4.00	R	07/26/1972	--	--	2010	10.0	01S38E09BDDA
17.00	S	07/26/1972	--	--	1500	11.0	01S38E09CAAA
74.00	S	09/13/1973	5 E	09/13/1973	--	11.0	01S38E11BCBC
153.00	S	09/11/1973	--	--	--	11.0	01S38E12BBDB
138.00	S	09/13/1973	8 E	09/13/1973	--	12.0	01S38E12DDBD
114.00	S	09/13/1973	--	--	--	11.0	01S38E13CBDA
252.00	S	09/13/1973	--	--	--	--	01S38E14DADB
12.00	S	09/13/1973	--	--	--	9.0	01S38E15CBAC
99.00	S	09/13/1973	--	--	--	--	01S38E23BBAD
--		--	5	--	--	--	01S39E04BCAC
--		--	--	--	--	12.0	01S39E07CABA
--		--	5 R	07/26/1973	--	19.5	01S39E08BBDB
--		--	--	--	--	13.0	01S39E18BDAA
--		--	--	--	--	11.0	01S39E18BDAD
--		--	--	--	--	--	01S40E05CDAD

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
01S40E06DAAD	087	150	--	P	W	S	125TGRV	3757
01S40E07DADA	087	--	--	P	W	S	--	3580
01S40E08AAAC	087	--	2	S	E	S	125TLCK	--
01S40E09DADB	087	44	--	P	W	S	125TGRV	3490
01S40E14DCBD	087	62	--	P	W	S	125TGRV	3327
01S40E16DABD	087	65	--	P	W	S	125TGRV	3410
01S40E25ABDB	087	--	4	P	--	S	--	3270
01S40E28CCDA	087	130	--	P	W	S	125TGRV	3431
01S41E01DBBA	087	54	4	P	W	S	125TGRV	3110
01S41E02AABB	087	81	4	P	G	S	125TGRV	3150
01S41E05CDAA	087	80	6	P	W	S	125TGRV	3200
01S41E06AADB	087	42	6	P	G	S	125TGRV	3250
01S41E14CCCB	087	70	--	P	E	S	125TGRV	3050
01S41E14D	087	35	--	--	--	S	--	--
01S41E15DDCA	087	71	--	P	E	S	125TGRV	3091
01S41E17DAAA	087	45	4	P	W	S	125TGRV	3169
01S41E23BABC	087	60	--	P	E	S	125TGRV	3070
01S41E23BACB	087	248	10	J	E	H	125TGRV	3070
01S41E23BDBB	087	248	--	--	--	H	125TGRV	3075
01S41E23CAAB	087	--	--	P	E	S	--	3120
01S41E31BABC	087	55	--	P	W	S	125TGRV	3225
01S41E32CABA	087	100	6	P	G	S	125TGRV	3160
01S41E33DBBC	087	120	6	--	--	S	125TGRV	3125
01S42E03BBDD	087	210	4	--	--	S	125TGRV	2990
01S42E03CBBB	087	--	--	--	--	--	--	3010
01S42E03CBCA	087	--	--	--	--	I	--	3030
01S42E04DACB	087	--	--	--	--	S	--	2990
01S42E04DADC	087	--	--	P	E	S	--	3010
01S42E04DCAB	087	38	4	J	E	--	110ALVM	3010
01S42E04DCA2	087	40	6	J	E	--	110ALVM	3010
01S42E04DDBB	087	--	--	--	--	S	--	3010
01S42E05ADBB	087	135	4	S	E	S	125TGRV	3070
01S42E08ADCB	087	160	6	P	--	H	125TGRV	3010
01S42E08ADCD	087	59	4	--	--	--	110ALVM	3010
01S42E08ADCD2	087	160	6	P	--	--	125TGRV	3010
01S42E08C	087	170	--	--	--	H	125TGRV	--
01S42E08D	087	200	--	--	--	H	125TGRV	--
01S42E08DACA	087	100	4	P	E	S	125TGRV	3050
01S42E09ACDD	087	73	4	P	W	S	125TGRV	3050
01S42E12C	087	20	--	--	--	H	110ALVM	--
01S42E12CBDC	087	30	4	P	W	--	125TGRV	3052
01S42E16ACCA	087	100	4	P	W	S	125TGRV	3090
01S43E11BDDC	087	21	4	P	E	--	110ALVM	3090
01S43E11CACB	087	--	--	P	E	--	--	3105
01S43E15AADD	087	--	--	P	W	S	--	3130
01S43E16ABCC	087	116	--	P	W	S	125TGRV	3246
01S43E17BCAC	087	15	--	P	W	S	125TGRV	3160
01S43E23BBBB	087	66	4	S	E	S	125TGRV	3170
01S43E27ADAD	087	52	4	P	W	S	125TGRV	3165
01S43E29ACCC	087	50	6	P	W	S	125TGRV	3310
01S43E30DACA	087	207	4	--	--	U	125TGRV	3355
01S43E35AADB	087	130	4	P	W	S	125TGRV	3120
01S44E04DBAA	087	66	--	P	W	U	125TGRV	2695
01S44E05ABCC	087	34	--	P	W	S	125TGRV	3010
01S44E06CAAB	087	99	--	P	W	S	125TGRV	3122

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
120.00	E	09/12/1973	--	--	--	--	01S40E06DAAD
--		--	--	--	--	13.0	01S40E07DADA
--		--	2 V F	09/ /1973	2400	12.5	01S40E08AAAC
42.00	S	07/27/1973	--	--	--	--	01S40E09DADB
50.00	S	07/24/1973	--	--	--	--	01S40E14DCBD
59.00	S	09/12/1973	--	--	--	--	01S40E16DABD
35.00	S	07/27/1973	--	--	--	--	01S40E25ABDB
39.00	R	--	--	--	--	--	01S40E28CCDA
28.00	S	09/05/1973	--	--	--	--	01S41E01D88A
38.00	S	09/07/1973	--	--	--	--	01S41E02AABB
42.40	S	03/24/1976	2 V	03/24/1976	3220	10.0	01S41E05CDAA
25.30	S	03/24/1976	--	--	--	--	01S41E06AADB
27.00	S	07/24/1973	--	--	--	--	01S41E14CCCB
29.00		--	--	--	--	--	01S41E14D
27.00	S	07/24/1973	--	--	--	--	01S41E15DDCA
24.00	R	1949	18 R	10/27/1972	2450	10.5	01S41E17DAAA
--		--	--	--	--	--	01S41E23BABC
21.00	S	07/24/1973	50 R	07/24/1973	--	--	01S41E23BACB
21.00	RR	--	--	--	1800	12.0	01S41E23BDBB
--		--	--	--	--	--	01S41E23CAAB
--		--	--	--	--	--	01S41E31BABC
60.00	S	10/27/1972	8 V	10/27/1972	3200	--	01S41E32CABA
16.00	S	10/27/1972	--	--	--	--	01S41E33DBBC
13.00	S	08/02/1973	10 R	08/02/1973	--	--	01S42E03BBDD
15.00	S	08/15/1973	--	--	--	--	01S42E03CBBB
--		--	--	--	--	--	01S42E03CBCA
--		--	--	--	--	--	01S42E04DACB
22.00	S	08/ /1973	--	--	--	--	01S42E04DADC
27.00	S	08/01/1973	3 V	08/01/1973	5250	11.5	01S42E04DCAB
22.00	S	08/01/1973	--	--	4500	13.0	01S42E04DCA2
--		--	--	--	--	--	01S42E04DDBB
60.00	R	--	8	08/02/1973	--	--	01S42E05ADBB
14.00	S	08/ /1973	50	--	--	--	01S42E08ADCB
15.00	S	08/10/1973	60 R	08/10/1973	--	--	01S42E08ADCD
14.00	S	08/23/1973	50 R	08/23/1973	--	--	01S42E08ADCD2
14.00		--	--	--	--	--	01S42E08C
11.00		--	--	--	--	--	01S42E08D
60.00	R	--	10 R	08/10/1973	--	--	01S42E08DACA
44.00	S	08/02/1973	8 R	08/02/1973	--	--	01S42E09ACDD
--		--	--	--	--	--	01S42E12C
--		--	--	--	2400	9.5	01S42E12CBDC
86.50	SR	03/24/1976	--	--	--	--	01S42E16ACCA
1.10	S	10/01/1973	--	--	1700	10.5	01S43E11BDDC
24.00	S	09/28/1972	--	--	1750	9.5	01S43E11CACB
--		--	--	--	--	--	01S43E15AADD
101.00	S	10/ /1973	--	--	--	--	01S43E16ABCC
8.00		10/01/1973	--	--	--	--	01S43E17BCAC
39.00	S	03/25/1976	6 V	03/25/1976	1210	10.0	01S43E23BBBB
44.90	S	03/24/1976	--	--	--	--	01S43E27ADAD
40.90	SR	03/23/1976	--	--	--	--	01S43E29ACCC
75.60		03/22/1976	--	--	--	--	01S43E30DACA
45.50	S	03/24/1976	--	--	--	--	01S43E35AADB
63.00	S	09/30/1973	--	--	--	--	01S44E04DBAA
28.00	S	09/30/1973	--	--	--	--	01S44E05ABCC
68.00	S	09/30/1973	--	--	--	--	01S44E06CAAB

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
01S44E08DCAD	087	59	6	P	W	--	125TGRV	2915
01S44E10CDBC	087	--	--	--	--	--	--	2850
01S44E14B	087	14	--	--	--	H	125TGRV	--
01S45E01CABB	075	202	--	P	W	--	125TGRV	3140
01S45E05DBDC	075	60	4	P	E	S	125TGRV	2880
01S45E11CBBA	075	52	4	S	E	S	125TGRV	2980
01S45E25DDCA	075	--	--	P	W	S	--	3205
01S45E36DABC	075	--	--	P	W	S	--	3236
01S46E21DCBC	075	88	--	P	G	S	125TGRV	3158
01S46E27BCBC	075	100	4	P	W	S	125TGRV	3200
01S46E28ADDD	075	80	4	J	E	H	110ALVM	3183
01S46E28BAAB	075	150	4	P	E	H,S	125TGRV	3155
01S46E29BBDA	075	65	4	P	E	S	125TGRV	3182
01S46E30ADCA	075	67	4	P	E	S,H	125TGRV	3160
01S46E30ADCA2	075	220	2	S	E	H	125TGRV	3160
01S46E30DBDC	075	230	--	P	W	S	125TGRV	3158
01S46E33DADB	075	100	4	P	E	S	125TGRV	3274
01S46E34CBDA	075	130	--	P	E	S	125TGRV	3260
01S46E36CDCD	075	230	4	S	E	S	125TGRV	3450
01S47E11DDDD	075	160	4	P	W	S	125TGRV	3347
01S47E16CBCA	075	96	8	P	G	S	125TGRV	3550
01S47E18BBDD	075	315	4	S	E	S	125TGRV	3696
01S47E20ACDA	075	170	4	P	W	S	125TGRV	3667
01S47E22DBAB	075	95	4	P	W	S	125TGRV	3360
01S47E23DDAD	075	60	6	S	E	H	125TGRV	3300
01S47E26CBBB	075	580	4	S	E	H,S	125LEBD	3350
01S47E27DBBD	075	60	4	P	G	S	125TGRV	3380
01S47E28ACCD	075	240	2	P	G	S	125TGRV	3497
01S47E34AACD	075	100	4	P	G	S	125TGRV	3440
01S48E01ACCC	075	56	4	P	W	S	125TGRV	3090
01S48E13ACAB	075	83	4	P	G	S	125TGRV	3130
01S48E17BBBC	075	800	2.5	P	E	H	211FHHC	3220
01S48E17DDDD	075	123	8	P	W	S	125TGRV	3185
01S48E20DCAC	075	113	4	P	W	S	125TGRV	3275
01S48E24CACD	075	260	4	S	E	H	125TGRV	3160
01S49E09CBAD	075	200	2.5	S	E	H	125TGRV	3110
01S49E14ADCD	075	400	--	P	W	H	125LEBD	3280
01S49E16DDBC	075	90	4	P	W	S	125TGRV	3195
01S49E18ADAC	075	270	3	S	E	H	125TGRV	3070
01S49E23CACD	075	126	4	P	W	S	125TGRV	3319
01S49E25DABC	075	124	4	P	W	S	125TGRV	3395
01S49E29DADA	075	108	4	P	W	S	125TGRV	3190
01S49E30ABBA	075	40	4	P	E	S	110ALVM	3100
01S49E31BDCC	075	50	4	P	E	S	110ALVM	3140
01S50E06AAAD	075	80	4	S	E	S	125TGRV	3380
01S50E14CACB	075	64	4	P	E	S	125TGRV	3170
01S50E19AAAA	075	45	24	P	G	S	125TGRV	3270
01S50E22BDDD	075	114	4	P	H	S	125TGRV	3170
01S50E30AC8B	075	110	4	P	G	S	125TGRV	3370
01S50E33CDCC	075	309	4	S	G	S	125LEBD	3325
01S50E36BDCD	075	200	4	P	W	S	125LEBD	3194
01S51E27BBCC	075	135	6	S	E	H,S	125TLCK	3020
01S51E34ABCC	075	150	6	S	E	H,S	125TLCK	3030
01S52E11CDBB	075	39	4	P	W	--	125TGRV	3253
01S52E32DDAA	075	92	4	P	W	S	125LEBD	3150

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
34.00	S	09/28/1972	--	--	2000	11.0	01S44E08DCAD
--		--	--	--	2100	12.5	01S44E10CDBC
12.00		--	--	--	--	--	01S44E14B
115.00		09/29/1972	2 V	09/29/1972	2550	13.0	01S45E01CABB
17.40	SR	08/24/1976	--	--	--	--	01S45E05DBDC
11.00	SR	08/24/1976	--	--	--	--	01S45E11CBBA
60.50	S	10/31/1974	3 V	10/31/1975	2430	--	01S45E25DDCA
80.00	R	10/28/1974	1 V	10/29/1974	3500	11.5	01S45E36DABC
24.80	S	10/31/1974	--	--	--	--	01S46E21DCBC
--		--	--	--	--	--	01S46E27BCBC
50.00	R	10/29/1974	12 V	10/29/1974	1650	11.0	01S46E28ADDD
--		--	--	--	--	14.0	01S46E28BAAB
56.00	S	10/31/1974	2 V	10/31/1974	1540	10.0	01S46E29BBDA
45.00	R	10/29/1974	5 V	10/29/1974	3420	10.5	01S46E30ADCA
185.00	R	10/29/174	2 V	10/29/1974	1180	13.0	01S46E30ADC42
--		--	--	--	--	--	01S46E30DBDC
80.00	R	10/29/1974	6 V	10/29/1974	2700	10.0	01S46E33DADB
--		--	4 V	10/09/1974	2800	12.5	01S46E34CBDA
143.20	SR	06/22/1976	10 V	06/22/1976	2650	13.5	01S46E36CDCD
108.00	RR	07/01/1976	1 V	07/01/1976	2600	12.0	01S47E11DDDD
49.60	SR	06/29/1976	6 V	06/29/1976	4510	11.0	01S47E16CBCA
259.70	SP	06/24/1976	10 R	08/30/1971	--	--	01S47E18BBDD
112.30	SR	06/24/1976	1 V	06/24/1976	4450	13.0	01S47E20ACDA
50.00	R	10/21/1940	12 R	10/21/1940	--	--	01S47E22D9AB
35.00	R	03/28/1936	15 R	03/28/1936	--	--	01S47E23DDAD
280.00	RR	06/18/1975	12 R	06/18/1975	990	14.5	01S47E26C33B
24.70	SR	04/07/1976	2 V	04/07/1976	2100	10.0	01S47E27DBBD
184.20	SR	06/29/1976	2 V	06/29/1976	4200	11.0	01S47E28ACCD
50.00	RR	02/27/1974	9 V	06/29/1976	1310	11.0	01S47E34AACD
44.30	SR	06/03/1976	3 V	06/30/1976	2500	10.5	01S48E01ACCC
67.90	SR	07/08/1976	4 V	07/08/1976	1300	11.0	01S48E13ACAB
190.00	RR	06/30/1974	4 R	06/30/1976	1380	15.5	01S48E17BBBC
63.40	SP	06/30/1976	4 V	06/30/1976	5000	12.0	01S48E17DDDD
71.60	SP	07/01/1976	6 V	07/01/1976	3200	11.5	01S48E20DCAC
90.00	RR	07/07/1976	10 R	07/07/1976	1200	13.0	01S48E24CACD
80.00	RR	07/08/1976	6 V	07/08/1976	1450	13.0	01S49E09CBAD
200.60	SR	07/12/1976	2	07/12/1976	2830	13.5	01S49E14ADCD
73.60	SP	07/08/1976	1 V	07/08/1976	2300	12.5	01S49E16DDBC
180.00	R	12/30/1940	5 R	12/30/1940	1650	18.0	01S49E18ADAC
121.50	SP	07/08/1976	2 V	07/08/1976	2640	12.0	01S49E23CACD
114.90	SP	07/12/1976	4 V	07/12/1976	1540	11.0	01S49E25DABC
87.30	SP	07/07/1976	2 V	07/07/1976	4180	11.5	01S49E29DADA
26.90	SR	07/07/1976	5 V	07/07/1976	2570	10.5	01S49E30ABBA
24.10	SR	07/07/1976	6 V	07/07/1976	3950	9.0	01S49E31BDCC
9.30	SR	07/13/1976	10 E	07/21/1976	1100	16.0	01S50E08AAAD
32.60	SR	07/13/1976	--	--	2140	16.0	01S50E14CACB
2.70	SR	07/08/1976	--	--	--	--	01S50E19AAAA
89.10	SR	09/09/1976	4 E	07/07/1976	2520	--	01S50E22BDDD
46.00	RR	09/13/1959	8 R	09/13/1959	--	--	01S50E30ACBB
100.00	RR	--	7 R	07/07/1976	4800	--	01S50E33CDCC
70.30	SR	07/08/1976	0.5 V	07/08/1976	2080	14.0	01S50E36BDCD
20.30	SR	08/05/1976	0.5 V	--	3470	11.5	01S51E27BBCC
6.00	RR	--	10 V	08/03/1976	3090	11.5	01S51E34ABCC
19.30	SP	07/27/1976	2 V	07/27/1976	3300	10.5	01S52E11CDBB
79.30	SP	07/27/1976	3 V	07/27/1976	1530	--	01S52E32DDAA

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAMETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
01S53E15ACDB	075	83	4	P	W	S	211HLCK	2905
01S53E21DDCB	075	188	4	P	W	S	211HLCK	2934
02S37E03AAAD	003	--	--	P	E	--	--	3420
02S39E17ADD	003	--	--	P	W	S	--	3625
02S39E23BCD	003	8	--	--	--	U	110ALVM	3451
02S40E06CDA	087	50	--	--	--	U	125TGRV	3480
02S40E06D	087	117	--	--	--	H	125TGRV	--
02S40E07DDD	087	125	--	--	--	S	125TGRV	3500
02S40E08D	087	38	--	--	--	H	--	--
02S40E09CAD	087	112	--	P	W	S	125TGRV	3415
02S40E14DCA	003	--	--	P	G	S	--	3275
02S40E27BAD	003	210	6	P	H	S	125TGRV	3340
02S41E02DABC	087	200	4	P	W	S	125TGRV	3430
02S41E08CAD	087	84	--	--	--	--	125TGRV	3155
02S41E08CAD2	087	270	4	--	--	--	125TGRV	3155
02S41E09BCA	087	125	4	P	E	S	125TGRV	3200
02S41E12ABD	087	200	--	P	G	S	125TGRV	3416
02S41E17BAA	087	72	6	--	--	H	110ALVM	3185
02S41E17CCD	087	63	--	S	E	--	110ALVM	3185
02S41E17DDD	087	30	4	J	E	H	110ALVM	3215
02S41E19DAA	087	78	--	--	--	U	110ALVM	3186
02S41E19DAB	087	43	1	--	--	U	110ALVM	3175
02S41E20BBC	087	63	--	S	E	H	110ALVM	3170
02S41E20CBB	087	78	--	--	--	U	110ALVM	3202
02S41E28BAA	087	50	--	--	--	--	110ALVM	3275
02S41E31ACB	087	168	--	--	--	--	125TGRV	3310
02S41E33A	087	30	--	--	--	H	110ALVM	--
02S41E33DAA	087	--	6	--	--	--	--	3330
02S41E34B	087	66	--	--	--	H	125TGRV	--
02S42E01CACC	087	154	--	--	--	S	125TGRV	3415
02S42E02BDC	087	320	--	--	--	--	125TGRV	3490
02S42E18BCA	087	--	--	--	--	--	--	3578
02S42E27ABA	087	48	--	--	--	--	125TGRV	4220
02S42E30CBA	087	--	--	P	G	S	--	3660
02S42E30CCB	087	--	--	--	--	--	--	3600
02S44E03CADA	087	30	--	--	--	S	110ALVM	2855
02S44E04ODCB	087	24	48	C	E	S	110ALVM	2870
02S44E18CBBA	087	70	--	--	--	S	125TGRV	3080
02S44E27ADCC	087	412	2	--	--	--	125LEBO	2890
02S44E36CDBA	087	120	4	P	--	J	125TGRV	3000
02S45E17CBBD	075	230	--	--	--	S	125TGRV	3330
02S45E29BAAB	075	92	6	P	W	S	125TGRV	3295
02S45E32DABC	075	--	--	C	G	S	--	3265
02S46E05AACB	075	130	4	P	E	S	125TGRV	3362
02S46E15BDBC	075	--	4	P	G	--	--	3588
02S46E27CCDB	075	101	24	S	E	J	125TGRV	3490
02S46E32DDCD	075	35	72	--	--	J	110ALVM	3332
02S46E33CCAB	075	--	--	--	--	--	--	3355
02S46E33DBAD	075	40	24	--	--	U	110ALVM	3385
02S46E34AAAB	075	--	--	S	E	--	--	3545
02S46E34BCAC	075	55	72	S	E	S	125TGRV	3425
02S46E34BCCB	075	120	4	S	E	H	125TGRV	3450
02S46E35BDDD	075	65	--	P	E	S	125TGRV	3535
02S46E36BCCC	075	200	4	--	--	J	125TGRV	3585
02S46E36CBBB	075	180	--	--	--	--	125TGRV	3590

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)		DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
42.00	SP	08/24/1974	4	V	08/24/1976	3500	10.0	01S53E15ACDB
37.70	SP	08/25/1976	3	V	08/25/1976	2300	10.0	01S53E21DDCB
--		--	--		--	--	8.0	02S37E03AAAD
--		--	--		--	--	--	02S39E17ADD
8.00	S	07/12/1968	--		--	--	--	02S39E23BCD
25.00	S	07/27/1967	--		--	--	--	02S40E06CDA
105.00		--	--		--	--	--	02S40E06D
--		--	--		--	--	--	02S40E07DDD
22.00		--	--		--	--	--	02S40E08D
49.00	S	06/18/1968	--		--	--	--	02S40E09CAD
--		--	--		--	--	--	02S40E14DCA
--		--	--		--	2100	12.0	02S40E27BAD
138.00	S	09/28/1972	--		--	4600	11.5	02S41E02DABC
30.00		09/05/1967	10	R	09/05/1967	--	--	02S41E08CAD
1.00+	R	04/01/1968	--		--	--	12.0	02S41E08CAD2
80.00	R	--	7	R	09/05/1967	1500	--	02S41E09BCA
--		--	6	R	08/24/1967	1100	11.0	02S41E12ABD
--		--	--		--	--	--	02S41E17BAA
17.00	R	09/24/1968	--		--	--	--	02S41E17CCD
10.00	R	--	10	E	07/27/1967	--	--	02S41E17DDD
21.00	E	09/25/1968	--		--	--	--	02S41E19DAA
6.00	S	09/ /1968	--		--	--	--	02S41E19DAB
15.00	S	05/24/1968	--		--	--	--	02S41E20BBC
--		--	--		--	--	--	02S41E20CBB
32.00		07/27/1967	--		--	--	13.5	02S41E28BAA
17.00	S	07/26/1967	3	E	07/26/1967	--	11.5	02S41E31ACB
22.00		--	--		--	--	--	02S41E33A
18.10		07/26/1967	--		--	--	--	02S41E33DAA
--		--	--		--	--	--	02S41E34B
144.00	S	09/05/1967	--		--	--	--	02S42E01CACC
300.00		--	8	R	09/05/1967	2900	--	02S42E02BDC
--		--	--		--	1100	12.0	02S42E18BCA
--		--	--		--	--	1.0	02S42E27ABA
--		--	--		--	--	--	02S42E30CBA
36.20		08/24/1967	--		--	--	--	02S42E30CCB
8.50		10/15/1975	--		--	--	--	02S44E03CADA
19.80	S	10/15/1975	--		--	--	--	02S44E04DDCB
22.30	S	07/20/1967	--		--	--	--	02S44E18CBBA
--		--	4	R F	09/21/1972	--	--	02S44E27ADCC
39.10	S	04/06/1976	--		--	--	--	02S44E36CDBA
--		--	--		--	1800	12.5	02S45E17CBBD
74.30	S	04/05/1976	1	V	04/05/1976	1100	11.5	02S45E29BAAB
6.00	S	09/ /1967	--		--	--	--	02S45E32DABC
64.60	S	10/24/1974	3	V	10/24/1974	2240	11.0	02S46E05AACB
--		--	--		--	4000	12.0	02S46E15BDBC
34.30	S	10/23/1974	2	R	1948	--	--	02S46E27CCDB
27.00	S	12/21/1973	--		--	--	--	02S46E32DDCD
--		--	--		--	--	--	02S46E33CCAB
30.00	S	12/27/1973	--		--	1500	9.0	02S46E33DBAD
75.00	S	12/21/1973	--		--	--	--	02S46E34AAAB
25.00	S	12/ /1973	--		--	500	7.0	02S46E34BCAC
80.00	R	--	1		--	3450	8.0	02S46E34BCCB
--		--	--		--	1500	7.0	02S46E35BDDD
18.00	S	12/21/1973	--		--	1500	8.0	02S46E36BCCC
60.00		1963	--		--	--	--	02S46E36CBBB

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAMETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
02S47E04ADDB	075	105	4	P	W	S	125TGRV	3500
02S47E08ABBC	075	567	4	P	E	S	125TLCK	3800
02S47E10DADB	075	280	4	P	E	S	125TGRV	3610
02S48E18BCDB	075	130	4	P	W	S	125TGRV	3510
02S48E19BCCA	075	220	4	P	W	S	125TGRV	3555
02S48E22CAAD	075	191	4	P	G	S	125TGRV	3340
02S48E27BDCA	075	175	4	P	--	S	125TGRV	3340
02S49E18BABB	075	50	--	--	--	S	125TGRV	3220
02S49E19CADA	075	200	4	--	--	U	125TGRV	3440
02S49E22CBAA	075	18	--	--	--	U	125TGRV	3441
02S49E26AACA	075	200	--	P	E	H	125TGRV	3500
02S49E26AADA	075	60	--	--	--	S	125TGRV	3490
02S50E04DDBB	075	262	4	P	E	S	125TGRV	3400
02S50E06DDCA	075	95	4	P	W	S	125TGRV	3460
02S50E08AADA	075	165	4	S	E	H	125TGRV	3360
02S50E10CCCB	075	140	4	P	W	S	125TGRV	3320
02S50E17BADC	075	200	--	P	G	H	125TGRV	3450
02S50E17BCDC	075	80	4	P	G	S	125TGRV	3360
02S50E17BDBA	075	152	4	P	E	S	125TGRV	3400
02S50E17DDDD	075	40	--	--	--	U	125TGRV	3321
02S50E18CADC	075	92	4	P	W	S	125TGRV	3430
02S50E20DAAA	075	190	8	P	W	S	125TGRV	3380
02S50E26DBDB	075	100	4	S	E	S	125TGRV	3240
02S50E29DBBB	075	100	4	P	W	S	125TGRV	3400
02S50E30ADDC	075	70	4	P	W	S	125TGRV	3370
02S50E30DADC	075	84	4	J	E	H	125TGRV	3340
02S50E32CDAC	075	140	4	--	--	S	125TGRV	3383
02S50E34CCBD	075	110	4	S	E	H	125TGRV	3280
02S51E21ACBB	075	136	--	S	E	S	125LEBO	3080
02S52E06ABBA	075	132	4	P	W	S	125LEBO	3190
02S52E19BADC	075	42	4	P	W	S	125LEBO	3170
03S38E14DDAC	003	41	--	--	--	S	125TGRV	3553
03S38E35DAAC	003	54	6	P	H	H	125LEBO	3460
03S38E36BDD	003	52	4	P	E	H	125TGRV	3440
03S39E03DBDD	003	--	--	P	W	S	--	3430
03S39E06ABDD	003	--	--	P	W	S	--	3610
03S39E07BACB	003	--	--	P	W	S	--	3540
03S39E28CAAC	003	60	4	P	G	S	125TGRV	3410
03S39E29DDCA	003	70	--	S	E	H	125TGRV	3385
03S39E33CCDC	003	71	6	P	G	S	125TGRV	3480
03S39E34CDCC	003	150	4	P	G	S	125TGRV	3560
03S40E04ACD	003	170	4	J	E	H	125TGRV	3265
03S40E04ACD2	003	36	4	J	E	S	125TGRV	3265
03S40E04ADB	003	--	--	P	G	S	--	3310
03S40E05CBC	003	236	6	Z	Z	H	125TGRV	3285
03S40E05CBC2	003	--	--	J	E	S	--	3285
03S40E05DBA	003	49	6	J	E	H	125TGRV	3285
03S40E07BDD	003	47	6	J	E	H	125TGRV	3295
03S40E07CAB	003	120	6	P	H	H	125TGRV	3220
03S40E07CCA	003	110	6	P	H	H	125TGRV	3320
03S40E07CCA2	003	56	6	J	E	H	125TGRV	3310
03S40E18DBA	003	--	6	P	W	U	--	3404
03S40E33DDC	003	51	6	J	E	H	125TGRV	3605
03S40E34CDA	003	51	4	J	E	H	125TGRV	3575
03S41E01BDAA	087	45	--	P	W	U	125TGRV	3576

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
53.60	S	04/08/1976	4 V	--	2200	11.0	02S47E04ADD3
480.00	R	04/07/1976	3 R	04/07/1976	--	--	02S47E08A88C
220.90	S	04/08/1976	--	--	--	--	02S47E10DAD8
69.10	S	04/07/1976	4 V	04/07/1976	2100	11.0	02S48E18BCD3
91.80	S	04/07/1976	--	--	--	--	02S48E19BCCA
104.30	S	06/23/1976	--	--	--	--	02S48E22CAAD
89.00	S	06/24/1976	--	--	--	--	02S48E27BDCA
18.70	SR	07/07/1976	--	--	--	--	02S49E18BABB
116.80	S	07/07/1976	--	--	--	--	02S49E19CADA
14.00	S	11/04/1976	--	--	--	--	02S49E22CBAA
150.00	RR	06/29/1976	10 V	06/29/1976	1740	10.0	02S49E26AACA
30.00	RR	06/29/1976	--	--	--	--	02S49E26AADA
88.50	SR	07/08/1976	7 R	07/08/1976	1280	14.0	02S50E04DDBB
58.30	SP	07/07/1976	4 V	07/07/1976	1800	10.5	02S50E06DDCA
105.00	RR	07/07/1976	5 R	07/07/1976	1780	12.5	02S50E08AADA
96.00	SR	07/08/1976	2 V	07/08/1976	2060	10.0	02S50E10CCCB
150.00	RR	06/24/1976	6 V	06/29/1976	1760	10.5	02S50E17BADC
19.90	SR	06/29/1976	6 V	06/29/1976	1330	8.0	02S50E17BCDC
90.60	SR	06/29/1976	6 V	06/29/1976	1410	11.0	02S50E17BDBA
19.60	V	06/30/1976	--	--	--	--	02S50E17DDDD
84.80	SR	06/29/1976	1 V	06/29/1976	796	10.0	02S50E18CADC
80.50	SR	06/30/1976	6 V	06/03/1976	1620	9.0	02S50E20DAAA
41.00	SP	07/08/1976	6 V	07/08/1976	1220	10.0	02S50E26DBDB
65.30	SR	06/30/1976	8 V	06/30/1976	1760	10.5	02S50E29DBBB
37.80	S	06/30/1976	80 R	1946	--	--	02S50E30ADDC
4.50	SR	06/30/1976	30 R	1949	2250	15.5	02S50E30DADC
48.10	SR	07/01/1976	11 R	1948	--	--	02S50E32CDAC
37.20	SR	07/08/1976	12 V	07/08/1976	1280	10.5	02S50E34CCBD
12.00	RR	08/04/1976	20 R	08/04/1976	3090	11.5	02S51E21ACBB
54.00	SR	07/27/1976	2 V	07/27/1976	4010	11.0	02S52E06ABBA
9.10	SP	07/27/1976	2 V	07/27/1976	900	9.5	02S52E19BADC
--		--	--	--	--	--	03S38E14DDAC
--		--	--	--	650	10.5	03S38E35DAAC
--		--	2 V	04/21/1976	525	15.5	03S38E36BDD
--		--	--	--	--	--	03S39E03DBDD
--		--	--	--	--	--	03S39E06ABDD
--		--	--	--	2800	11.0	03S39E07BACB
35.00		07/19/1968	7 R	07/19/1968	--	--	03S39E28CAAC
30.00		06/ /1967	--	--	--	--	03S39E29DDCA
63.00		--	8	09/07/1967	1000	13.5	03S39E33CCDC
83.00		07/19/1968	7 R	07/19/1968	--	--	03S39E34CDCC
150.00		--	25 R	10/06/1967	--	--	03S40E04ACD
26.00	R	--	25 R	10/06/1967	--	--	03S40E04ACD2
--		--	--	--	--	--	03S40E04ADB
	F	--	15	10/26/1967	1540	--	03S40E05CBC
--		--	--	--	1520	--	03S40E05C3C2
21.30		10/05/1967	--	--	--	--	03S40E05DBA
14.60		05/27/1968	--	--	--	--	03S40E07BDD
--		--	--	--	3400	10.0	03S40E07CAB
--		--	--	--	--	--	03S40E07CCA
--		--	--	--	--	--	03S40E07CCA2
49.00		07/11/1968	--	--	--	--	03S40E18DBA
20.00	R	--	--	--	--	--	03S40E33DDC
--		--	--	--	--	--	03S40E34CDA
8.30		--	--	--	--	--	03S41E01BDAA

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
03S41E02BAD	087	59	4	P	H	H	125TGRV	3470
03S41E10ABD	087	116	6	S	E	H	125TGRV	3420
03S41E16ADCC	087	152	4	S	E	S	125TGRV	3290
03S42E05AAA	087	--	--	--	--	U	--	3880
03S43E11AHAB	087	300	--	P	W	S	125TGRV	3325
03S43E36BDDB	087	--	--	--	--	--	--	3175
03S44E03A	087	178	--	--	--	H	125TGRV	--
03S44E03ACA	087	1120	--	Z	Z	P	211HLCK	2910
03S44E03ACB	087	64	--	T	E	P	110ALVM	2905
03S44E03CCC	087	55	6	S	E	H	110ALVM	2930
03S44E03DAB	087	52	6	S	E	H	110ALVM	2910
03S44E03DBB	087	230	--	C	E	H	125TGRV	2910
03S44E03DDB	087	19	--	P	--	P	110ALVM	2905
03S44E09ADA	087	88	6	S	E	H	125TGRV	2955
03S44E10ABD	087	250	4	--	--	H	125TGRV	2920
03S44E10ABD2	087	--	--	--	--	I	--	2920
03S44E10BCC	087	45	--	--	--	U	110ALVM	2925
03S44E10BCC2	087	87	--	--	--	U	110ALVM	2933
03S44E10BCD	087	37	--	--	--	U	110ALVM	2922
03S44E10BDBC	087	18	1.25	--	--	--	110ALVM	--
03S44E10BDC	087	23	--	--	--	U	110ALVM	2920
03S44E10CBB	087	38	6	--	--	--	110ALVM	2925
03S44E11BCAB	087	381	5	S	E	H	125TGRV	2960
03S44E11BCAB2	087	114	5	P	W	I	125TGRV	2960
03S44E11BCAD	087	213	4	--	--	H	125TGRV	3025
03S44E11BD	087	240	--	--	--	H	125TGRV	--
03S44E11DBBB	087	245	--	--	--	U	125TGRV	2930
03S44E12DCCB	087	--	--	--	--	--	--	2950
03S44E13AACC	087	700	4	--	--	U	125TLCK	2980
03S44E13AACD	087	49	--	--	--	U	110ALVM	2940
03S44E13AADD	087	--	--	--	--	C	--	2980
03S44E13DBBA	087	930	--	--	--	S	125TLCK	2959
03S44E13DDDA	087	300	6	--	--	S	125TGRV	2956
03S44E17ABB	087	112	--	--	--	S	125TGRV	3072
03S44E33BDAA	087	300	4	--	--	S	125TGRV	2970
03S45E01CDCC	075	112	4	--	--	U	125TGRV	3230
03S45E03BADD	075	280	4	P	E	H	125TGRV	3300
03S45E05ACCD	075	4	4	--	--	U	110ALVM	3180
03S45E05DBBC	075	45	3	P	W	--	125TGRV	3182
03S45E06BBBB	075	58	4	P	G	S	125TGRV	3045
03S45E09CCCB	075	280	4	--	--	S	125TGRV	3290
03S45E10BACD	075	193	4	S	E	S	125TGRV	3210
03S45E12BDCB	075	240	6	--	--	U	125TGRV	3180
03S45E12BDCB2	075	12	48	J	E	H,S	110ALVM	3280
03S45E12BDCC	075	12	--	P	E	S	110ALVM	3280
03S45E12BDDB	075	20	4	P	W	H	110ALVM	3170
03S45E13DCBC	075	172	4	P	W	S	125TGRV	3200
03S45E14BCCB	075	86	--	S	E	S	125TGRV	3118
03S45E14BCCC	075	130	--	--	--	--	125TGRV	3140
03S45E14CCAB	075	193	4	P	W	H	125TGRV	3203
03S45E15DBBB	075	132	--	--	--	U	125TGRV	3094
03S45E15DDDA	075	280	--	S	E	S	125TGRV	3200
03S45E16DDDB	075	69	4	S	E	S	125TGRV	3080
03S45E17DDDB	075	103	--	--	--	--	125TGRV	3080
03S45E18BBBA	075	200	4	S	E	S	125TGRV	3015

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
43.00		10/18/1967	--	--	1250	10.0	03S41E02BAD
18.00		08/29/1968	15 R	08/29/1968	--	--	03S41E10ABD
49.90	S	01/11/1974	5	--	--	--	03S41E16ADCC
20.10		08/25/1967	--	--	--	--	03S42E05AAA
220.00		04/24/1968	--	--	--	--	03S43E11ABAB
--		--	--	--	--	--	03S43E36BDDB
	F	--	--	--	--	--	03S44E03A
138.00+	R	1960	--	--	--	--	03S44E03ACA
12.00	R	1959	400 R	06/13/1968	--	--	03S44E03ACB
27.00		07/24/1968	20 R	07/24/1968	--	--	03S44E03CCC
9.30		07/24/1968	15 R	07/24/1968	--	--	03S44E03DAB
--		--	--	--	--	--	03S44E03DBB
7.30		07/24/1968	--	--	1160	11.0	03S44E03DDB
55.00		07/24/1968	12 R	07/24/1968	--	--	03S44E09ADA
8.00+	R	09/20/1967	--	--	--	--	03S44E10ABD
13.00	R	11/14/1957	--	--	--	--	03S44E10ABD2
--		--	--	--	--	--	03S44E10BCC
22.40		09/24/1968	--	--	--	--	03S44E10BCC2
10.00		09/24/1968	--	--	--	--	03S44E10BCD
6.90		09/23/1975	--	--	--	--	03S44E10BDBC
--		--	--	--	--	--	03S44E10BDC
10.20		07/24/1968	15	--	--	--	03S44E10CBB
15.00	R	--	40 R	01/11/1974	1550	12.0	03S44E11BCAB
51.00	S	05/20/1975	8 R	01/11/1974	2620	11.0	03S44E11BCAB2
112.00	S	05/20/1975	15 R	01/11/1974	--	--	03S44E11BCAD
	F	--	--	--	--	--	03S44E11BD
8.50	S	07/25/1968	--	--	--	--	03S44E11DBBB
--		--	--	--	--	--	03S44E12DCCB
3.00		12/17/1973	--	--	--	--	03S44E13AACC
16.00	S	12/13/1973	--	--	--	--	03S44E13AACD
--		--	--	--	--	--	03S44E13AADD
--		--	--	--	--	13.5	03S44E13DBBA
--		--	--	--	--	--	03S44E13DDDA
72.00		04/24/1968	--	--	--	--	03S44E17ABB
	F	06/05/1975	12 V	F 06/05/1975	1250	12.5	03S44E33BDAA
55.70	S	08/07/1974	--	--	2800	12.0	03S45E01CDCC
120.00	R	1965	15 V	05/27/1975	4680	8.0	03S45E03BADD
2.20	S	05/28/1975	--	--	--	--	03S45E05ACCD
25.00	S	01/15/1974	--	--	--	--	03S45E05DBBC
53.00	S	04/06/1976	--	--	--	--	03S45E06ABBB
160.00	S	05/27/1975	--	--	--	--	03S45E09CCCB
124.80	S	10/08/1974	--	--	1500	13.5	03S45E10BACD
11.90	S	08/07/1974	--	--	1790	11.5	03S45E12BDCB
--		--	--	--	1880	10.5	03S45E12BDC32
--		--	--	--	--	--	03S45E12BDCC
10.00	E	01/18/1974	3 V	07/14/1976	1800	8.5	03S45E12BDDB
119.00	S	01/14/1974	0.7	--	4000	10.5	03S45E13DCBC
41.00	S	12/17/1973	15	--	2450	12.0	03S45E14ABCCB
--		--	40	10/04/1968	2050	12.0	03S45E14ABCCC
143.00	R	01/14/1974	5	--	1300	15.0	03S45E14CCAB
27.00	S	12/17/1973	--	--	--	--	03S45E15DBBB
132.00	S	12/17/1973	--	--	2400	10.0	03S45E15DDDA
34.30	S	10/08/1974	--	--	2400	8.5	03S45E16DDDB
--		--	--	--	--	--	03S45E17DDDB
78.60	SR	08/13/1975	--	--	--	--	03S45E18BBBA

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAMETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
03S45E18B8D	075	900	--	J	E	S	125TLCK	3020
03S45E19DCCD	075	1000	--	--	--	S	125TLCK	2988
03S45E19DDBC	075	100	--	S	E	S	125TGRV	2963
03S45E19DDBC2	075	280	--	--	--	H	125TGRV	2963
03S45E19DDBD	075	100	--	S	E	S	125TGRV	2963
03S45E20CBAD	075	280	--	J	E	H	125TGRV	2080
03S45E21ABCD	075	280	4	P	W	H	125TGRV	3040
03S45E21ABDC	075	75	4	P	E	S	125TGRV	3050
03S45E21DDAC2	075	50	--	S	E	H	125TGRV	3010
03S45E22BAAB	075	250	4	P	H	H	125TGRV	3117
03S45E22BABD	075	280	4	S	E	H	125TGRV	3116
03S45E22BBBA	075	80	4	S	E	H	125TGRV	3076
03S45E22BBBC	075	77	4	U	--	U	125TGRV	3078
03S45E23DADA	075	150	4	P	W	S	125TGRV	3100
03S45E23DCBA	075	81	--	--	--	U	125TGRV	3104
03S45E24ACDA	075	140	4	P	E	S	125TGRV	3200
03S45E26BABD	075	200	4	J	E	S	125TGRV	3085
03S45E27AAAA	075	78	--	--	--	U	125TGRV	3080
03S45E27ACBB	075	60	4	--	--	U	125TGRV	3062
03S45E27ACBC	075	195	4	P	W	H	125TGRV	3061
03S45E27ACBC2	075	55	4	--	--	S	125TGRV	3058
03S45E27ACBD	075	65	4	S	E	S	125TGRV	3060
03S45E29CBBB	075	675	--	--	--	--	125TLCK	2985
03S45E29DAAC	075	900	--	--	--	--	125TLCK	3015
03S45E31DCDA	075	168	4	P	W	S	125TGRV	3130
03S45E32DDAC	075	318	2	--	--	H	125TGRV	3010
03S45E32DDBD	075	60	4	P	G	S	125TGRV	3024
03S45E33BBBB	075	30	--	S	E	P,I	110ALVM	3015
03S45E33BCBB	075	900	--	--	--	--	125TLCK	3000
03S45E33BCDA	075	900	--	--	--	S	125TLCK	3022
03S45E33C8DA	075	435	2	--	--	--	125TGRV	3018
03S45E33CDBC	075	379	4	--	--	H	125TGRV	3020
03S46E04BBBB	075	55	4	P	E	S	125TGRV	3360
03S46E05AABB	075	320	4	S	E	H	125TGRV	3350
03S46E05AABB2	075	--	6	S	E	H	--	3350
03S46E05BBCB	075	290	--	S	E	S	125TGRV	3283
03S46E06AADB	075	292	--	--	--	S	125TGRV	3280
03S46E06AADD	075	37	4	--	--	U	125TGRV	3280
03S46E06CCBD	075	--	--	J	E	H,S	--	3220
03S46E07ADBB	075	133	4	P	W	S	125TGRV	3269
03S46E08BDDC	075	--	--	--	--	--	--	3370
03S46E14CBCD	075	54	--	--	--	H	110ALVM	3308
03S46E14CBCD2	075	--	--	--	--	H,S	--	3308
03S46E15CAAA	075	130	4	P	W	S	125TGRV	3287
03S46E15DBCA	075	70	4	S	E	S	125TGRV	3284
03S46E17ADBC	075	150	4	--	--	J	125TGRV	3240
03S46E17DBDC	075	85	--	P	E	H	125TGRV	3208
03S46E17DCAA	075	140	--	--	--	--	125TGRV	3210
03S46E18CCCC	075	80	--	S	E	S	125TGRV	3260
03S46E18CCCC2	075	240	4	J	E	H	125TGRV	3260
03S46E19ACBA	075	205	4	P	W	S	125TGRV	3210
03S46E19BBBB	075	80	--	S	N	S	125TGRV	3255
03S46E20DBAB	075	268	--	P	W	S	125TGRV	3305
03S46E21CDBA	075	240	4	--	--	S	125TGRV	3347
03S46E22AACB	075	--	--	P	W	S	--	3348

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)		DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
40.00	R	12/18/1973	--		--	--	--	03S45E18B8BD
2.00	S	12/18/1973	--		--	2800	14.0	03S45E19DCCD
9.00	S	12/18/1973	--		--	--	--	03S45E19DD8C
	F	--	--		--	1600	7.5	03S45E19DD8C2
9.00	E	12/18/1973	--		--	--	--	03S45E19DD8D
--		--	--		--	--	--	03S45E20CBAD
38.00	S	12/17/1973	2 V		07/13/1976	1600	8.5	03S45E21ABCD
40.00	R	12/ /1973	--		--	2150	9.0	03S45E21ABDC
15.00	S	12/21/1973	--		--	--	--	03S45E21DDAC2
91.00	R	01/12/1974	--		--	2400	14.0	03S45E22BAAB
90.00	R	01/14/1974	--		--	--	--	03S45E22BABD
50.00	R	12/20/1973	--		--	1700	8.5	03S45E22BBBA
48.00	S	12/ /1973	--		--	--	--	03S45E22BBBC
60.00	R	12/21/1973	3		--	1400	11.0	03S45E23DADA
54.00	S	12/21/1973	--		--	--	--	03S45E23DCBA
80.00		09/06/1967	--		--	3700	9.0	03S45E24ACDA
--		--	--		--	1300	11.5	03S45E26BABD
50.50	S	12/20/1973	--		--	--	--	03S45E27AAAA
41.00	S	12/20/1973	--		--	--	--	03S45E27ACBB
--		--	--		--	1300	10.0	03S45E27ACBC
39.10	R	12/20/1973	--		--	3800	10.0	03S45E27ACBC2
40.00	E	12/20/1973	5		--	--	--	03S45E27ACBD
--		--	--		--	--	--	03S45E29CBBB
11.20		05/28/1968	--		--	--	--	03S45E29DAAC
--		--	10 R		12/22/1944	--	--	03S45E31DCDA
--		--	--		--	--	--	03S45E32DDAC
30.00	E	12/21/1973	6		--	3000	10.0	03S45E32DDBD
10.10	S	10/08/1974	--		--	--	--	03S45E33BBBB
--		--	--		--	--	12.0	03S45E33BCBB
2.00+	S	12/18/1973	--		--	--	16.0	03S45E33BCDA
--		--	2	F	12/21/1973	1750	12.5	03S45E33CBDA
	F	--	0.1	F	09/06/1967	--	--	03S45E33CDBC
17.50	S	08/08/1974	--		--	--	--	03S46E04BBBB
198.00	R	10/23/1974	8 R		06/25/1974	1320	15.0	03S46E05AABB
177.50	S	08/08/1974	8 R		08/08/1974	1400	13.0	03S46E05AABB2
30.00	S	12/21/1973	--		--	--	--	03S46E05BBCB
25.10	S	12/21/1973	15		--	1400	10.0	03S46E06AADB
28.10	S	08/07/1974	--		--	--	--	03S46E06AADD
--		--	--		--	1210	9.5	03S46E06CCBD
44.90	S	01/18/1974	25		--	5200	8.0	03S46E07ADBB
--		--	--		--	--	--	03S46E08BDDC
17.00	S	01/17/1974	45		--	2300	8.0	03S46E14CBCD
18.20	S	08/29/1974	--		--	--	--	03S46E14CBCD2
110.00	E	01/17/1974	2 V		12/03/1975	2400	9.0	03S46E15CAAA
12.00	S	01/17/1974	--		--	--	--	03S46E15DBCA
51.00	S	01/17/1974	15		--	--	--	03S46E17ADBC
55.00	R	01/17/1974	--		--	3000	7.5	03S46E17DBDC
75.00		09/06/1967	--		--	--	--	03S46E17DCAA
26.00	S	01/14/1971	--		--	--	--	03S46E18CCCC
80.00	R	01/14/1974	--		--	--	--	03S46E18CCCC2
47.40	S	01/11/1974	5		--	--	--	03S46E19ACBA
27.70	S	01/14/1974	4		--	5000	8.5	03S46E19BABB
97.00	S	01/17/1974	--		--	--	--	03S46E20DBAB
132.00	S	01/13/1974	25		--	3700	12.0	03S46E21CDBA
--		--	--		--	--	--	03S46E22AACB

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
03S46E22CACA	075	167	--	P	W	S	125TGRV	3348
03S46E22CBBA	075	193	4	P	W	S	125TGRV	3350
03S46E23AABD	075	45	4	S	E	S	110ALVM	3344
03S46E30BCCC	075	170	4	P	W	S	125TGRV	3253
03S46E31CBCB	075	--	--	P	E	S	--	3240
03S46E32CDBD	075	280	4	P	--	S	125TGRV	3275
03S47E28ACDA	075	30	6	--	--	S	125TGRV	3615
03S48E03ADBA	075	124	4	P	G	S	125TGRV	3310
03S48E05DDDA	075	125	4	P	W	S	125TGRV	3440
03S48E12ACDB	075	--	--	--	--	U	--	3328
03S48E15BBCC	075	55	4	P	W	S	125TGRV	3384
03S48E17DDAD	075	60	4	P	W	S	125TGRV	3445
03S48E18CACC	075	290	4	P	--	U	125TGRV	3570
03S48E23AABD	075	110	4	P	E	S	125TGRV	3345
03S48E28CAAA	075	88	4	P	--	U	125TGRV	3395
03S49E01AABB	075	370	3	P	H	S	125TGRV	3480
03S49E01ADDB	075	410	3	P	E	S	125TGRV	3420
03S49E02CABC	075	223	4	--	--	U	125TGRV	3460
03S49E02CACA	075	8	25	--	--	S	110ALVM	3480
03S49E03BADB	075	--	4	P	W	S	--	3570
03S49E06CADA	075	115	--	--	--	S	125TGRV	3382
03S49E08CCBD	075	180	6	--	--	S	125TGRV	3390
03S49E10DBBC	075	230	4	--	--	S	125TGRV	3555
03S49E11BADC	075	50	--	--	--	S	125TGRV	3465
03S49E12CAAA	075	100	--	--	--	S	125TGRV	3395
03S49E12DACB	075	100	3	P	W	S	125TGRV	3386
03S49E12DBDB	075	247	3	P	H	S	125TGRV	3390
03S49E13DADA	075	205	--	--	--	S	125TGRV	3433
03S49E13DADA	075	146	--	--	--	S	125TGRV	3433
03S49E14DDDA	075	82	--	--	--	S	110ALVM	3408
03S49E16AADD	075	15	48	--	--	S	110ALVM	3570
03S49E17CCDA	075	180	--	--	--	S	125TGRV	3420
03S49E19BADB	075	135	--	--	--	S	125TGRV	3395
03S49E23DADC	075	110	--	--	--	S	125TGRV	3386
03S49E24BBBA	075	35	--	--	--	S	110ALVM	3405
03S49E26ADBD	075	115	--	--	--	S	125TGRV	3424
03S49E27DCDD	075	181	--	--	--	S	125TGRV	3421
03S49E30CCDC	075	165	--	--	--	S	125TGRV	3438
03S49E34ACCB	075	170	4	--	--	S	125TGRV	3397
03S49E35DCAD	075	120	--	--	--	S	125TGRV	3378
03S50E02CC8C	075	155	4	P	W	S	125TGRV	3300
03S50E03BADD	075	153	4	P	W	S	125TGRV	3270
03S50E04BBAC	075	140	4	P	E	S	125TGRV	3345
03S50E05DCCD	075	247	4	P	--	U	125TGRV	3379
03S50E06CBAC	075	29	4	S	E	S	125TGRV	3410
03S50E06CDAB	075	113	4	P	G	S	125TGRV	3360
03S50E06DDCC	075	55	--	J	E	--	125TGRV	3380
03S50E07DDAD	075	56	4	P	W	U	125TGRV	3354
03S50E08BBBA	075	100	4	P	E	S	125TGRV	3338
03S50E08BBBB	075	95	4	S	E	H	125TGRV	3340
03S50E08BBBB2	075	90	4	P	E	S	125TGRV	3340
03S50E09CDCA	075	100	4	P	W	S	125TGRV	3294
03S50E12AACB	075	120	4	S	E	S	125LEBO	3215
03S50E15BBAC	075	66	4	P	W	I	125TGRV	3272
03S50E15BBAD	075	264	3	--	--	H,S	125TGRV	3272

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
150.00	R	01/ /1974	--	--	--	--	03S46E22CACA
99.00	S	01/17/1974	5	--	--	--	03S46E22CBBA
20.00		--	25	--	--	--	03S46E23AABD
95.00	S	01/13/1974	15	--	--	--	03S46E30BCCC
--		--	--	--	--	--	03S46E31CBCB
--		--	15 R	01/01/1963	--	--	03S46E32CDBD
10.00	S	12/19/1973	65 R	12/19/1973	--	--	03S47E28ACDA
24.50	S	06/23/1976	3 V	06/23/1976	2120	11.0	03S48E03ADBA
23.00	SR	04/21/1976	2 V	04/21/1976	2450	11.0	03S48E05DDDA
16.80	S	11/05/1976	--	--	--	--	03S48E12ACDB
27.50	SR	07/22/1976	3 V	04/22/1976	2450	10.5	03S48E15BBCC
27.60	S	04/22/1976	--	--	--	--	03S48E17DDAD
220.00	S	04/22/1976	--	--	--	--	03S48E18CACC
24.60	SR	04/21/1976	4 V	04/21/1976	4000	10.0	03S48E23AABD
21.40	S	04/22/1976	--	--	--	--	03S48E28CAAA
154.20	SR	07/01/1976	5 R	11/15/1965	--	--	03S49E01AABB
122.40	SR	07/01/1976	4 R	12/04/1965	--	--	03S49E01ADDB
136.10	S	07/01/1976	5 R	06/26/1973	--	--	03S49E02CABC
0.00	S	07/01/1976	--	--	--	--	03S49E02CACA
144.00	SR	07/01/1976	2 V	07/01/1976	5200	9.5	03S49E03BADB
16.20	SR	06/28/1976	--	--	--	--	03S49E06CADA
--		--	10	08/01/1973	--	--	03S49E08CCBD
--		--	4 V	04/08/1976	--	--	03S49E10DBBC
6.60	SR	12/03/1975	--	--	--	--	03S49E11BADC
31.80	SP	07/14/1976	--	--	--	--	03S49E12CAAA
--		--	1 V	07/14/1976	2000	10.0	03S49E12DACB
10.60	S	12/03/1975	--	--	--	--	03S49E12DBDB
112.70	SR	12/03/1975	--	--	--	--	03S49E13DADA
113.10	SP	07/14/1976	--	--	--	--	03S49E13DADA
67.40	SR	03/23/1977	--	--	--	--	03S49E14DDDA
0.00	R	11/07/1975	--	--	--	--	03S49E16AADD
107.00	SR	11/06/1975	--	--	--	--	03S49E17CCDA
81.00	SR	11/06/1975	--	--	--	--	03S49E19BADB
37.90	SR	11/12/1975	--	--	--	--	03S49E23DADC
8.20	SR	06/30/1976	--	--	--	--	03S49E24BBBA
71.10	SR	06/30/1976	--	--	--	--	03S49E26ADBD
92.20	SR	11/12/1975	--	--	--	--	03S49E27DCDD
61.20	S	04/21/1976	--	--	--	--	03S49E30CCDC
81.20	S	11/12/1975	--	--	--	--	03S49E34ACCB
35.80	SR	11/12/1975	--	--	--	--	03S49E35DCAD
93.00	S	04/08/1976	0.5 V	04/08/1976	1300	10.0	03S50E02CCBC
48.60	SP	06/23/1976	5 V	06/23/1976	1710	10.5	03S50E03BADD
119.50	SR	06/23/1976	4 V	06/23/1976	2230	12.5	03S50E04BBAC
54.20	SR	06/24/1976	--	--	--	--	03S50E05DCCD
14.60	SR	07/01/1976	--	--	--	--	03S50E06CBAC
48.60	SR	06/30/1976	--	--	--	--	03S50E06CDAB
30.00	RP	06/30/1976	--	--	1750	13.0	03S50E06DDCC
18.70	S	12/03/1975	--	--	--	--	03S50E07DDAD
17.00	RR	--	2 V	12/04/1975	1180	8.5	03S50E08BBBA
19.00	SR	12/04/1975	12 V	12/04/1975	1200	9.5	03S50E08BBBB
16.00	SR	12/04/1975	3 V	11/04/1975	1300	8.0	03S50E08BBBB2
51.10	SR	12/03/1975	3 V	06/23/1976	850	14.0	03S50E09CDCA
54.30	SR	06/23/1976	8 V	06/23/1976	1580	13.0	03S50E12AACB
--		--	--	--	--	--	03S50E15BBAC
--		--	--	--	--	--	03S50E15BBAD

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
03S50E15BBBA	075	100	4	S	E	S	125TGRV	3270
03S50E15BBBD	075	90	4	S	E	--	125TGRV	3272
03S50E15BCBB	075	73	6	S	E	S,H	125TGRV	3278
03S50E15CBBB	075	95	4	P	--	U	125TGRV	3278
03S50E17ABAB	075	30	6	P	W	S	125TGRV	3313
03S50E18AAAB	075	206	4	P	W	S	125TGRV	3359
03S50E21ADDD	075	30	4	--	--	U	125TGRV	3375
03S50E21CDBA	075	170	4	P	W	S	125TGRV	3388
03S50E22CBBB	075	30	4	P	E	S	125TGRV	3365
03S50E24DDAB	075	150	4	S	E	S	125LEBD	3260
03S50E26BCBA	075	300	3	P	E	H	125TLCK	3223
03S50E26CDAA	075	54	4	P	E	S	125TGRV	3240
03S50E30BBDD	075	99	4	P	W	S	125TGRV	3330
03S50E33CCAD	075	40	4	--	--	U	125TGRV	3275
03S50E34CBAC	075	60	4	P	W	S	125TGRV	3238
03S51E08DCAB	075	70	4	P	W	S	125TGRV	3170
03S51E14ABAB	075	51	4	P	W	S	125LEBD	3230
03S52E31CAAC	075	67	4	P	G	S	125TLCK	3040
04S39E09BADA	003	215	--	--	--	S	125TGRV	3630
04S39E09DDAA	003	260	6	S	E	S	125TGRV	3680
04S39E09DDBA	003	250	6	S	--	H	125TGRV	3675
04S39E16BDBD	003	80	4	P	G	S	125TGRV	3660
04S40E17ABD	003	--	--	P	E	S	--	3820
04S41E06CAB	087	44	6	P	H	H	125TGRV	3615
04S41E06DDC	087	113	--	--	--	S	125TGRV	3635
04S42E26BDA	087	--	--	P	W	S	--	3399
04S43E15ABA	087	102	--	P	W	S	125TGRV	3179
04S43E27DDD	087	80	6	--	--	U	125TGRV	3030
04S43E33CCD	087	--	--	--	--	--	--	3060
04S43E33CDD	087	55	4	P	H	H	125TGRV	3050
04S43E35CDCD	087	744	4	P	E	S	125TGRV	3115
04S44E05AAAC	087	40	4	--	--	H	125TGRV	2970
04S44E05AAAC2	087	300	4	--	--	H	125TGRV	2970
04S44E05AAAC3	087	28	4	C	E	I	110ALVM	2970
04S44E05DBCD	087	375	5	--	--	H,S	125TGRV	2970
04S44E05DBCD2	087	28	4	--	--	--	110ALVM	2970
04S44E12BBDA	087	350	4	P	W	S	125TGRV	3300
04S44E18	087	318	--	--	--	H	125TGRV	--
04S44E18ABDC	087	38	4	C	E	S	110ALVM	2980
04S44E22ABDA	087	356	--	--	--	--	125TGRV	3259
04S44E23DCAA	087	16	--	--	--	--	125TGRV	3345
04S44E28BADA	087	240	--	--	--	--	125TGRV	3236
04S44E31BCAB	087	127	6	P	G	S	125TGRV	3105
04S44E32DCDD	087	--	--	P	--	S	--	3240
04S45E01DCD	075	26	4	P	--	S	125TGRV	3115
04S45E02CDDB	075	80	4	P	G	S	125TGRV	3080
04S45E03CCC	075	343	4	--	--	S	125TGRV	3020
04S45E03DDDA	075	200	4	--	--	U	125TGRV	3060
04S45E04BDCC	075	435	4	P	G	H	125TGRV	3024
04S45E04DBCA	075	250	--	--	--	H	125TGRV	3015
04S45E04DBDB	075	50	--	S	E	S	110ALVM	3014
04S45E04DDAB	075	50	--	P	E	S	110ALVM	3024
04S45E09ADD	075	900	4	--	--	S	125TLCK	3035
04S45E09CAAD	075	800	--	?	--	S	125TLCK	3045
04S45E09DABA	075	--	--	--	--	S	--	--

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)		DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
29.10	SR	12/02/1975	12	V	12/02/1975	2100	9.5	03S50E15BBBA
24.70	SR	12/02/1975	--		--	--	--	03S50E15BBBD
47.40	SR	12/02/1975	20	V	12/02/1975	1000	9.5	03S50E15BCBB
45.90	S	12/02/1975	--		--	--	--	03S50E15CBBB
3.50	SR	12/03/1975	4	V	12/03/1975	2400	9.5	03S50E17ABAB
46.00	SR	12/03/1975	1	V	12/03/1975	2200	10.0	03S50E18AAAB
12.40	S	12/03/1975	--		--	--	--	03S50E21ADDD
152.80	SR	12/03/1975	--		--	--	--	03S50E21CDBA
11.40	SR	12/03/1975	5	V	12/03/1975	4000	8.0	03S50E22CBBB
77.00	SR	06/24/1976	5	V	06/24/1976	1780	13.0	03S50E24DDAB
--		--	--		--	--	--	03S50E26BCBA
27.70	SR	06/23/1976	5	V	06/23/1976	2160	12.0	03S50E26CDAA
19.70	SR	06/23/1976	8	V	06/23/1976	2920	11.0	03S50E30BBDD
28.50	S	11/20/1975	--		--	--	--	03S50E33CCAD
11.00	SR	11/20/1975	--		--	--	--	03S50E34CBAC
9.20	SR	07/28/1976	2	V	07/28/1976	1130	10.5	03S51E06DCAB
15.50	SR	07/28/1976	3	V	07/28/1976	1210	10.0	03S51E14ABAB
27.30	S	07/29/1976	--		--	--	--	03S52E31CAAC
90.00	R	10/06/1967	--		--	2300	--	04S39E09BADA
200.00	R	--	--		--	--	--	04S39E09DDAA
200.00	R	--	--		--	--	--	04S39E09DDBA
60.00	R	--	8	R	10/06/1967	--	--	04S39E16BDBD
--		--	1	R	10/04/1967	870	9.5	04S40E17ABD
--		--	--		--	2100	--	04S41E06CAB
15.00		07/16/1968	--		--	--	--	04S41E06DDC
--		--	--		--	1300	10.5	04S42E26BDA
90.00		04/25/1968	--		--	--	--	04S43E15ABA
22.00		05/17/1968	--		--	--	--	04S43E27DDD
--		--	5		--	1200	15.5	04S43E33CCD
15.00		01/24/1962	12	R	01/24/1962	--	--	04S43E33CDD
21.20	S	06/12/1968	12	V	06/12/1968	--	--	04S43E35CDCD
	F	06/05/1975	15	R F	06/05/1975	1800	10.5	04S44E05AAAC
4.00+	G	06/05/1942	12	V F	06/05/1975	--	11.0	04S44E05AAAC2
15.70		09/24/1975	--		--	--	--	04S44E05AAAC3
	F	1962	20	R F	1976	--	--	04S44E05DBCD
12.00	S	09/24/1975	--		--	--	--	04S44E05DBCD2
260.00	R	10/ /1959	6		--	--	--	04S44E12BBDA
--		--	--		--	--	--	04S44E18
7.30	S	09/24/1975	--		--	--	--	04S44E18ABDC
--		--	--		--	--	--	04S44E22ABDA
13.30		08/15/1967	--		--	--	--	04S44E23DCAA
207.40		06/12/1968	--		--	--	--	04S44E28BADA
57.10	S	04/25/1968	--		--	--	--	04S44E31BCAB
91.10	S	06/05/1975	--		--	5500	13.5	04S44E32DCDD
25.00		04/26/1968	8	R	09/06/1967	--	--	04S45E01DCD
56.00	S	12/21/1973	--		--	--	--	04S45E02CDDB
3.75+		05/28/1968	2	R F	09/06/1967	--	--	04S45E03CCC
42.40	S	08/13/1975	5	R	08/13/1975	--	--	04S45E03DDDA
--		--	4	V	11/12/1975	1700	12.5	04S45E04BDCC
--		--	--		--	--	13.0	04S45E04D8CA
10.90	S	01/12/1974	6		--	3000	10.0	04S45E04DBDB
41.00	S	01/16/1974	--		--	--	--	04S45E04DDAB
--		--	3		05/28/1968	--	15.0	04S45E09ADD
--		--	3		--	3000	15.5	04S45E09CAAD
--		--	--		--	--	--	04S45E09DABA

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAMETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
04S45E09DDAC	075	600	--	--	--	S	125LEBD	3030
04S45E09DDBA	075	780	2	Z	--	S	125TLCK	3030
04S45E10BCCC	075	1000	--	--	--	S	125TLCK	3060
04S45E12ABBC	075	41	--	P	G	S	125TGRV	3117
04S45E15CCAA	075	700	--	Z	--	S	125LEBD	3041
04S45E15CCDD	075	640	2	Z	Z	H	125LEBD	3048
04S45E15CDCC	075	48	4	S	E	I	125TGRV	3048
04S45E15DBBC	075	450	2	Z	Z	S	125TGRV	3070
04S45E19DADC	075	326	4	P	E	S	125TGRV	3290
04S45E20CCAD	075	180	4	S	E	H	125TGRV	3245
04S45E22ADCC	075	440	--	--	--	S	125TGRV	3058
04S45E22CBDC	075	700	--	Z	--	S	125TLCK	3080
04S45E22CDDD	075	--	4	--	--	S	--	3070
04S45E22DCDB	075	--	--	Z	--	J	--	3061
04S45E23CCCB	075	454	6	Z	--	S	125TGRV	3080
04S45E26AAAA	075	150	4	P	W	S	125TGRV	3160
04S45E27ACCD	075	354	2	Z	--	S	125TGRV	3078
04S45E27DBAB	075	59	4	J	E	J	110ALVM	3075
04S45E27DBBA	075	318	3	Z	--	S	125TGRV	3080
04S45E28ADDA	075	129	4	--	--	S	125TGRV	3160
04S46E01DDCA	075	80	4	P	W	S	125TGRV	3479
04S46E04DACA	075	70	4	P	W	S	125TGRV	3302
04S46E04DCDC	075	96	--	P	W	S	125TGRV	3274
04S46E05BCBC	075	196	3	P	G	S	125TGRV	3215
04S46E05CCAA	075	50	--	P	G	H	125TGRV	3200
04S46E08CBCC	075	110	4	P	W	S	125TGRV	3245
04S46E09BBCA	075	310	4	P	W	S	125TGRV	3290
04S46E10BCBA	075	41	--	P	G	S	125TGRV	3282
04S46E10DABC	075	65	4	P	W	--	125TGRV	3325
04S46E11BBBA	075	85	4	P	G	S	125TGRV	3357
04S46E15CBDC	075	250	4	P	W	S	125TGRV	3616
04S46E31CCCC	075	240	4	J	E	S	125TGRV	3182
04S46E31DDBC	075	18	--	P	W	S	125TGRV	3212
04S46E32DCDC	075	65	4	P	G	S	125TGRV	3242
04S46E33CBAC	075	60	--	P	W	--	125TGRV	3300
04S47E12CABD	075	165	4	P	G	S	125TGRV	3618
04S48E05ADDA	075	360	4	P	W	S	125TGRV	3545
04S48E18BACD	075	57	6	--	--	S	125TGRV	3520
04S48E20CBDC	075	45	4	S	E	S	125TGRV	3570
04S48E24ABDB	075	175	4	P	W	S	125TGRV	3550
04S48E26ACAC	075	198	4	--	--	J	125TGRV	3685
04S48E34DDBB	075	150	4	P	G	S	125TGRV	3716
04S49E01DCDD	075	34	48	--	--	J	110ALVM	3300
04S49E03ADAA	075	80	--	--	--	S	125TGRV	3375
04S49E04CBAB	075	135	--	--	--	S	125TGRV	3410
04S49E05BAAB	075	250	4	--	--	S	125TGRV	3475
04S49E08ABDA	075	60	--	--	--	S	125TGRV	3460
04S49E08DCBD	075	250	4	P	H	--	125TGRV	3522
04S49E09DDDB	075	135	3	P	W	S	125TGRV	3429
04S49E10ACAD	075	198	8	--	--	J	125TGRV	3432
04S49E10ADBC	075	250	4	S	E	H,S	125TGRV	3433
04S49E13ABCC	075	150	4	S	E	H	125TGRV	3370
04S49E13CCCD	075	120	3	P	E	S	125TGRV	3415
04S49E13DBCA	075	398	2	--	--	J	125TGRV	3400
04S49E13DBCD	075	128	3	P	E	S	125TGRV	3442

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
12.50	S	12/20/1973	--	--	1500	12.0	04S45E09DDAC
17.20+		12/ /1973	6	--	2460	15.0	04S45E09DDBA
3.00+	E	12/20/1973	2 R F	12/20/1973	2800	13.5	04S45E10BCCC
25.00	S	01/ /1974	--	--	--	--	04S45E12ABBC
--		--	0.3	--	2500	11.0	04S45E15CCAA
	F	--	7	--	1660	14.5	04S45E15CCDD
43.00	R	--	20 V	05/21/1975	4500	9.0	04S45E15CDCC
--		--	1	--	2330	11.5	04S45E15DBBC
260.00	R	04/20/1958	5 R	04/20/1958	--	--	04S45E19DADC
130.00	R	--	5	--	--	--	04S45E20CCAD
--		--	151	--	--	15.5	04S45E22ADCC
--		--	1	--	1060	13.0	04S45E22CBDC
	F	--	1 V F	10/01/1968	1060	14.0	04S45E22CDDD
--		--	0.08	--	--	--	04S45E22DCDB
--		--	12	--	--	--	04S45E23CCCB
75.00	R	10/ /1973	--	--	--	--	04S45E26AAAA
--		--	3	--	950	11.0	04S45E27ACCD
22.00	S	12/17/1973	--	--	--	--	04S45E27DBAB
--		--	0.4	--	--	--	04S45E27DBBA
60.00	S	12/17/1973	--	--	--	--	04S45E28ADDA
40.00	S	01/16/1974	5 R	01/16/1974	--	--	04S46E01DDCA
45.00	S	01/16/1974	--	--	--	10.0	04S46E04DACA
48.00	S	01/16/1974	--	--	--	--	04S46E04DCDC
84.00	S	12/12/1974	5 R	01/12/1974	1780	11.0	04S46E05BCBC
30.00	R	08/22/1974	--	--	2500	9.0	04S46E05CCAA
60.00	R	06/12/1962	2 V	06/06/1975	5150	11.0	04S46E08CBCC
189.00	R	01/12/1974	5 R	01/12/1974	--	--	04S46E09BBCA
24.00	S	01/16/1974	--	--	--	--	04S46E10BCBA
44.00	R	01/12/1974	5 R	--	--	--	04S46E10DABC
58.00	S	01/13/1974	5 R	01/13/1974	2390	13.5	04S46E11BBBA
102.00	S	01/12/1974	3 R	01/12/1974	--	--	04S46E15CBDC
191.00	R	01/17/1974	6 Z	01/17/1974	--	8.0	04S46E31CCCC
10.00	S	01/16/1974	--	--	--	9.0	04S46E31DDBC
35.00	S	01/16/1974	--	--	--	--	04S46E32DCDC
27.80	S	05/22/1975	5 R	05/20/1975	--	--	04S46E33CBAC
32.50	SR	06/24/1976	6 V	06/24/1976	2980	10.5	04S47E12CABD
264.00	S	04/22/1976	--	--	--	--	04S48E05ADDA
10.90	SP	06/23/1976	3	06/23/1976	2140	8.5	04S48E18BACD
9.10	SR	06/23/1976	--	--	--	--	04S48E20CBDC
17.30	SP	06/23/1976	0.7 V	06/23/1976	4300	10.0	04S48E24ABDB
77.80	S	11/07/1975	--	--	--	--	04S48E26ACAC
10.70	SP	06/24/1976	6 V	06/24/1976	1970	8.5	04S48E34DDBB
6.90	R	11/12/1975	--	--	--	--	04S49E01DCDD
44.00	SR	11/12/1975	--	--	--	--	04S49E03ADAA
58.90	SR	11/12/1975	--	--	--	--	04S49E04CBAB
145.00	S	11/12/1975	--	--	--	--	04S49E05BAAB
16.00	SR	11/05/1975	--	--	--	--	04S49E08ABDA
--		--	--	--	--	--	04S49E08DCBD
--		--	--	--	--	--	04S49E09DDDB
33.80	S	11/12/1975	--	--	--	--	04S49E10ACAD
50.00	RR	--	12 V	11/12/1975	4000	12.0	04S49E10ADBC
143.00	SR	11/05/1975	7 V	11/05/1975	3500	11.5	04S49E13ABCC
74.20	SR	11/13/1975	3 V	11/13/1975	3500	10.0	04S49E13CCCD
100.00	R	--	--	--	--	--	04S49E13DBCA
107.90	SR	11/13/1975	2 V	11/13/1975	3000	11.0	04S49E13DBCD

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
04S49E13D8CD2	075	280	3	--	--	H	125TGRV	3440
04S49E14BABB	075	185	4	P	E	H,S	125TGRV	3344
04S49E14BCBD	075	122	4	P	E	H	125TGRV	3362
04S49E14CBCD	075	70	3	P	W	S	125TGRV	3365
04S49E14DBBD	075	60	4	P	W	S	125TGRV	3350
04S49E15ADCC	075	80	4	P	W	S	125TGRV	3350
04S49E15BDDC	075	90	4	S	E	I	125TGRV	3382
04S49E15BDDD	075	150	3	P	E	H,S	125TGRV	3380
04S49E16CCBB	075	38	4	P	W	S	125TGRV	3425
04S49E17CDAA	075	98	4	P	G	S	125TGRV	3454
04S49E22ACBA	075	70	4	S	E	I	125TGRV	3380
04S49E22ACBB	075	285	3	P	E	H	125TGRV	3390
04S49E22ACBB2	075	70	4	P	E	S	125TGRV	3385
04S49E22BADD	075	70	3	P	E	H	125TGRV	3385
04S49E22DCAB	075	40	36	P	W	S	110ALVM	3497
04S49E23ACAC	075	120	4	P	W	S	125TGRV	3380
04S49E23CADD	075	110	3	--	--	U	125TGRV	3475
04S49E25ADCC	075	125	4	P	W	S	125TGRV	3442
04S49E25BBDD	075	145	4	P	E	S	125TGRV	3515
04S49E25DABB	075	391	3	S	E	H	125TGRV	3442
04S49E31CCCC	075	280	4	P	W	S	125TGRV	3715
04S49E31DAAA	075	220	3	--	--	U	125TGRV	3554
04S49E33BBDA	075	170	4	P	W	S	125TGRV	3515
04S49E34BACA	075	100	4	P	W	--	125TGRV	3543
04S50E03ACDB	075	150	4	P	G	S	125TGRV	3278
04S50E03DDDC	075	160	4	P	E	S	125TGRV	3275
04S50E04AAAA	075	140	4	P	E	S	125TGRV	3268
04S50E04BCAC	075	150	4	P	W	S	125TGRV	3270
04S50E04DCBA	075	155	4	P	E	H	125TGRV	3285
04S50E04DCBB	075	200	3	--	--	H	125TGRV	3305
04S50E05ADAC	075	16	36	P	W	S	110ALVM	3273
04S50E05CAAC	075	170	4	P	W	S	125TGRV	3278
04S50E06CACC	075	--	4	--	--	S	--	3295
04S50E06DCCC	075	73	4	P	W	S	125TGRV	3290
04S50E07BADA	075	100	6	--	--	S	125TGRV	3297
04S50E07BCCD	075	60	4	P	W	S	125TGRV	3320
04S50E09BBBB	075	20	36	P	W	S	110ALVM	3276
04S50E10ACCB	075	160	4	S	--	H	125TGRV	3202
04S50E10ACCC	075	160	4	P	W	H	125TGRV	3312
04S50E10BDAD	075	60	--	P	E	S	125TGRV	3285
04S50E15DABB	075	224	4	P	W	S	125TGRV	3385
04S50E15DABC	075	160	4	--	--	U	125TGRV	3310
04S50E17BDAC	075	144	4	P	W	S	125TGRV	3408
04S50E19ACDD	075	81	4	P	W	S	125TGRV	3453
04S50E19CBAC	075	160	3	P	W	S	125TGRV	3467
04S50E20BAAA	075	160	4	--	--	S	125TGRV	3380
04S50E22DBAA	075	520	--	--	--	H	125LEBO	3560
04S50E23DAAA	075	403	--	--	--	H	125LEBO	3490
04S50E31CBCC	075	135	4	P	W	S	125TGRV	3493
04S51E13BDBB	075	257	4	P	G	S	211HLCK	3140
04S51E30BDDA	075	70	4	P	W	S	125LEBO	3170
04S52E18BCDC	075	1020	4	S	E	H	211FHHC	3020
05S39E07ACDD	003	--	--	--	--	--	--	3755
05S41E13BCDA	087	--	--	P	--	S	--	3441
05S41E13CADA	087	106	--	P	W	S	125TGRV	3430

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
100.00	R	--	--	--	--	--	04S49E13D8CD2
30.30	SR	11/03/1975	3 V	11/03/1975	2200	10.0	04S49E14BABB
29.90	SR	11/04/1975	7 V	11/04/1975	2500	10.5	04S49E14BCBD
32.00	SR	11/07/1975	1 V	11/08/1975	3700	10.0	04S49E14CBCD
19.80	SR	11/04/1975	1 V	11/04/1975	3500	11.0	04S49E14D8BD
18.70	SR	11/04/1975	0.3 V	11/04/1975	2000	10.0	04S49E15ADCC
46.00	SR	11/04/1975	24 V	11/04/1975	3500	10.5	04S49E15BDDC
86.60	SR	11/04/1975	4 V	11/04/1975	2700	10.5	04S49E15BDDD
17.50	SR	11/06/1975	2 V	11/06/1975	3500	9.0	04S49E16CCBB
44.50	SR	11/07/1975	--	--	--	--	04S49E17CDAA
26.20	SR	11/06/1975	15 V	11/06/1975	2550	10.0	04S49E22ACBA
128.70	SR	11/07/1975	--	--	--	--	04S49E22ACBB
21.30	SR	11/06/1975	2 E	11/06/1975	2750	10.0	04S49E22AC882
--		--	--	--	--	--	04S49E22BADD
21.00	SR	11/08/1975	4 V	11/08/1975	3200	9.5	04S49E22DCAB
63.50	SP	11/04/1975	1 V	11/04/1975	3500	10.5	04S49E23ACAC
4.00	S	11/06/1975	--	--	--	--	04S49E23CADD
55.40	S	11/13/1975	--	--	--	--	04S49E25ADCC
89.40	SR	11/13/1975	2 V	11/13/1975	3100	11.0	04S49E25BBDD
180.80	SR	11/13/1975	12 R	11/13/1975	2600	11.5	04S49E25DABB
252.30	SR	11/07/1975	2 V	11/07/1975	4600	12.0	04S49E31CCCC
71.20	S	11/06/1975	--	--	--	--	04S49E31DAAA
104.60	SR	11/07/1975	--	--	--	--	04S49E33BBDA
31.20	SR	11/07/1975	3 V	11/07/1975	3400	9.5	04S49E34BACA
135.00	SR	11/21/1975	4 V	11/21/1975	1120	10.5	04S50E03ACDB
127.30	SR	11/14/1975	2 V	11/14/1975	1380	11.5	04S50E03DDDC
29.50	SR	11/21/1975	8 V	11/21/1975	3200	10.5	04S50E04AAAA
15.60	SR	11/14/1975	--	--	--	--	04S50E04BCAC
33.90	SR	11/21/1975	8 V	11/21/1975	2000	10.0	04S50E04DCBA
80.00	RR	--	--	--	--	--	04S50E04DCBB
4.20	SR	11/20/1975	--	--	--	--	04S50E05ADAC
100.00	RR	--	1 E	11/21/1975	1550	9.0	04S50E05CAAC
4.50	SR	12/04/1975	--	--	--	--	04S50E06CACC
6.10	SR	12/04/1975	--	--	--	--	04S50E06DCCC
6.80	S	12/04/1975	--	--	--	--	04S50E07BADA
6.20	SR	11/05/1975	1 V	11/05/1975	3400	10.0	04S50E07BCCD
9.80	SR	11/20/1975	2 V	11/20/1975	3800	8.5	04S50E09BBBB
48.20	SR	11/14/1975	12 V	11/14/1975	975	11.5	04S50E10ACCB
100.00	RR	--	4 V	11/14/1975	1000	11.5	04S50E10ACCC
17.70	SR	11/14/1975	2 V	11/14/1975	700	9.0	04S50E10BDAD
32.40	SR	11/19/1975	2 V	11/19/1975	3000	11.0	04S50E15DABB
138.70	S	11/19/1975	--	--	--	--	04S50E15DABC
107.10	SR	11/13/1975	--	--	--	--	04S50E17BDAC
72.10	SR	11/11/1975	3 V	11/11/1975	4200	11.0	04S50E19ACDD
95.20	S	11/13/1975	--	--	--	--	04S50E19CBAC
62.10	S	11/13/1975	--	--	--	--	04S50E20BAAA
240.00	RR	11/11/1976	--	--	1810	14.0	04S50E22DBAA
291.00	RR	11/11/1976	--	--	--	--	04S50E23DAAA
23.30	S	11/13/1975	--	--	--	--	04S50E31CBCC
155.30	S	07/29/1976	--	--	--	--	04S51E13BDBB
17.30	SP	07/29/1976	2 V	07/29/1976	2980	10.5	04S51E30BDDA
10.00	RP	12/16/1960	4 V	07/29/1976	780	15.0	04S52E18BCDC
--		--	--	--	--	--	05S39E07ACDD
--		--	--	--	--	--	05S41E13BCDA
27.00	S	02/28/1974	10	--	--	--	05S41E13CADA

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAMETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
05S41E20DDDB	087	14	--	P	H	J	125TGRV	3858
05S41E31CBAC	087	80	--	P	H	S	125TGRV	3630
05S42E02AADD	087	--	4	P	W	S	--	3343
05S42E14ADDC	087	--	4	P	W	S	--	3218
05S42E16DDBD	087	80	4	S	E	S	125TGRV	3358
05S42E17CDCC	087	--	--	P	W	S	--	3325
05S42E18DCDB	087	80	--	P	G	S	125TGRV	3358
05S42E19BABD	087	100	4	P	W	S	125TGRV	3417
05S42E20ADAC	087	449	4	S	E	H	125TGRV	3295
05S42E20ADDB	087	110	4	S	E	S	125TGRV	3295
05S42E22BCBD	087	85	7	S	E	S	110ALVM	3238
05S42E22DBBC	087	830	4	--	--	S	125TGRV	3208
05S42E25CCAB	087	28	4	P	H	J	110ALVM	3101
05S42E28CBBD	087	365	4	--	--	S	125TGRV	3880
05S42E34ABBA	087	880	2.5	--	--	S	125TLCK	3200
05S43E04AAAA	087	12	24	S	E	S	110ALVM	3140
05S43E04CBC	087	80	4	--	--	--	110ALVM	3070
05S43E04CBDA	087	63	--	S	E	H	110ALVM	3070
05S43E07DBDA	087	80	6	J	E	H	125TGRV	3085
05S43E07DD	087	17	--	--	--	H	110ALVM	--
05S43E08CBCC	087	105	10	--	--	--	110ALVM	3070
05S43E08CBCC2	087	245	--	--	--	--	125TGRV	3070
05S43E16AAAD	087	--	--	--	--	--	--	3144
05S43E17CBCB	087	100	4	P	E	S	125TGRV	3070
05S43E18ABBD	087	36	6	S	E	--	110ALVM	3084
05S43E18ABCA	087	21	--	--	--	--	110ALVM	3085
05S43E18DBAA	087	29	4	--	--	--	110ALVM	3080
05S44E05CAAD	087	66	--	P	W	S	125TGRV	3190
05S44E05CABD	087	--	--	--	--	S	125TGRV	3220
05S44E16ABBB	087	73	--	P	G	S	110ALVM	3295
05S44E27ADAB	087	480	--	--	--	--	125TGRV	3480
05S45E02ACCA	075	550	4	P	E	H	125TGRV	3122
05S45E02ACCA2	075	1250	2	J	E	S	125TLCK	3145
05S45E03ABCD	075	90	3.7	S	E	S	125TGRV	3110
05S45E03ACBB	075	700	--	P	E	S	125TLCK	3118
05S45E04BBDD	075	250	1.25	--	--	--	125TGRV	3239
05S45E05AAAB	075	270	--	--	--	--	125TGRV	3300
05S45E08BBCC	075	150	4	P	G	S	125TGRV	3550
05S45E09DDAD	075	970	--	--	--	--	125TLCK	3205
05S45E10DDCD	075	--	--	P	W	S	--	3170
05S45E11BBAC	075	1020	2	Z	--	S	125TLCK	3120
05S45E11CDCD	075	--	--	J	E	S	--	3130
05S45E14AAAD	075	1200	2	--	--	S	125TLCK	3155
05S45E14ACCD	075	--	--	--	--	U	--	3140
05S45E15ADDD	075	1243	--	Z	--	S	125TLCK	3145
05S45E16DCBB	075	192	4	P	G	S	125TGRV	3340
05S45E23CBAC	075	48	4	--	--	U	110ALVM	3181
05S45E26BABB	075	40	--	--	--	S	110ALVM	3150
05S45E26BCAC	075	--	4	S	E	S	--	3190
05S45E26DBAC	075	13	36	--	--	U	110ALVM	3175
05S45E26DBAD	075	50	4	S	E	S	110ALVM	3175
05S45E26DBAD2	075	110	4	--	--	U	125TGRV	3175
05S45E27BDDB	075	252	4	--	--	S	125TGRV	3270
05S45E28BBBA	075	250	4	--	--	S	125TGRV	3325
05S45E32BABB	075	150	--	--	--	J	125TGRV	3483

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)		DATE DISCHARGE MEASURED		SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
4.00	S	03/04/1974	--		--		--	--	05S41E20DDDB
14.00	S	03/03/1974	--		--		1230	6.5	05S41E31CBAC
--		--	--		--		--	--	05S42E02AADD
--		--	--		--		--	10.0	05S42E14ADDC
32.00		03/02/1974	2	R	03/02/1974		1350	10.0	05S42E16DDBD
--		--	--		--		--	--	05S42E17CDCC
39.00	S	03/ /1974	12		--		1900	10.0	05S42E18DCDB
50.00	R	09/ /1951	3		--		--	--	05S42E19BABD
243.00	R	09/03/1959	12		--		--	--	05S42E20ADAC
32.00	S	03/02/1948	8		--		2700	7.0	05S42E20ADDB
28.00	S	03/ /1974	--		--		1350	3.0	05S42E22BCBD
26.00	G	03/ /1974	2		--		1200	16.0	05S42E22DBBC
7.10	S	09/24/1975	--		--		--	--	05S42E25CCAB
--		--	6	R	03/03/1974		--	--	05S42E28CBBD
	F	--	4	V F	11/11/1975		1020	15.5	05S42E34ABBA
9.10		09/23/1975	3	R	--		--	--	05S43E04AAAA
54.00		03/08/1962	10	R	03/08/1962		--	--	05S43E04CBC
45.80	R	05/17/1968	--		--		--	--	05S43E04CBDA
34.70	R	05/17/1968	--		--		--	--	05S43E07DBDA
13.00	R	03/26/1968	--		--		--	--	05S43E07DD
16.00		01/17/1962	50	R	01/09/1962		1500	12.0	05S43E08CBCC
--		--	--		--		--	--	05S43E08CBCC2
--		--	--		--		--	--	05S43E16AAAD
5.60		09/24/1975	--		--		--	--	05S43E17CBCB
9.00		05/ /1967	--		--		--	--	05S43E18ABBD
8.70		08/29/1968	--		--		2600	10.0	05S43E18ABCA
11.50		03/08/1962	10	R	--		--	--	05S43E18DBAA
54.20	SR	06/05/1975	3	E	06/05/1975		--	12.5	05S44E05CAAD
--		--	1	V	06/05/1975		--	12.5	05S44E05CABD
54.50	R	05/14/1968	--		--		1300	11.0	05S44E16ABBB
300.00		05/15/1963	6	R	05/15/1963		--	--	05S44E27ADAB
8.00	R	12/18/1973	10	R	12/18/1973		--	8.0	05S45E02ACCA
--		--	--		--		--	8.5	05S45E02ACCA2
15.50	SR	11/24/1976	12	V	11/24/1976		1630	11.0	05S45E03ABCD
--		--	--		--		--	7.0	05S45E03ACBB
--		--	--		--		1060	13.0	05S45E04BBDD
--		--	20	R	05/02/1962		--	--	05S45E05AAAB
85.00	S	08/12/1975	--		--		--	--	05S45E08BBCC
30.00		--	--		--		5480	11.5	05S45E09DDAD
--		--	--		--		--	--	05S45E10DDCD
--		--	8		--		--	16.5	05S45E11BBAC
--		--	--		--		--	--	05S45E11CDCD
17.00+	S	09/10/1975	--		--		--	16.5	05S45E14AAAD
--		--	--		--		--	--	05S45E14ACCD
--		--	1	R F	12/18/1973		--	13.5	05S45E15ADDD
150.00		12/20/1973	--		--		--	--	05S45E16DCBB
37.70	S	05/22/1975	--		--		--	--	05S45E23CBAC
--		--	--		--		--	10.5	05S45E26BABB
--		--	15	V	05/22/1975		2080	10.0	05S45E26BCAC
10.20	S	05/22/1975	--		--		--	--	05S45E26DBAC
10.00	S	05/22/1975	10	E	05/22/1975		4350	10.0	05S45E26DBAD
9.60	S	05/22/1975	--		--		--	--	05S45E26DBAD2
125.00	R	09/ /1962	8	R	09/ /1962		1490	13.0	05S45E27BDDB
163.00		06/ /1962	10	R	06/18/1962		--	--	05S45E28BBBA
100.00	R	01/12/1974	8	Z	01/12/1974		--	--	05S45E32BABB

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
05S45E34AACD	075	162	4	P	E	S	125TGRV	3220
05S45E35BAAC	075	50	--	--	--	S	110ALVM	3180
05S45E35BABA	075	264	2.5	S	E	H	125TGRV	3186
05S45E35BABD	075	50	4	S	E	I	110ALVM	3186
05S45E35BCDC	075	20	4	P	G	S	110ALVM	3193
05S46E03CADC	075	200	4	--	--	S	125TGRV	3325
05S46E04DACA	075	70	4	P	W	--	110ALVM	3302
05S46E04DDAB	075	80	4	P	E	S	125TGRV	3310
05S46E05BDCB	075	70	4	P	W	S	125TGRV	3255
05S46E20CBCC	075	60	4	--	--	J	110ALVM	3255
05S46E20CDAB	075	18	30	P	E	S	110ALVM	3260
05S46E20CDAB2	075	370	--	--	--	U	125TGRV	3260
05S46E20CDAB3	075	40	--	P	E	H	110ALVM	3260
05S46E21DDAA	075	--	--	P	G	S	--	3340
05S46E23CACA	075	84	--	--	--	U	125TGRV	3405
05S46E23CBDD	075	61	4	P	H	U	110ALVM	3405
05S46E24BCCB	075	30	--	P	E	H	110ALVM	3450
05S46E24BCCB2	075	--	--	P	G	S	--	3450
05S46E28BBAB	075	26	10	P	W	U	110ALVM	3282
05S48E04CADC	075	143	4	S	E	S	125TGRV	3720
05S48E16BDAB	075	112	4	P	W	S	125TGRV	3786
05S49E03ABDB	075	166	4	P	G	S	125TGRV	3630
05S49E19ADBA	075	220	4	P	W	S	125TGRV	3584
05S49E32ADCD	075	220	4	P	W	S	125TGRV	3490
05S50E13CCCA	075	160	4	P	W	S	125TLCK	3210
05S50E27ABDD	075	130	4	P	G	S	125LEBO	3200
05S51E03ABBA	075	498	2.5	S	E	C	211HLCK	3032
05S51E07CDAC	075	880	4	P	W	S	211FHHC	3120
06S38E24ADAC	003	--	--	P	G	--	--	4120
06S39E08DBBD	003	100	--	S	E	H	125TGRV	3874
06S39E15CCC	003	262	--	--	--	--	125TGRV	4070
06S39E15DDBC	003	90	5	S	E	H,S	125TGRV	4100
06S39E17BDBC	003	60	6	P	E	S	125TGRV	3900
06S39E17CDAC	003	100	--	S	E	H	125TGRV	3895
06S39E20ABD	003	--	--	--	--	S	--	3930
06S39E25ACD	003	54	--	--	--	--	125TGRV	4375
06S39E26ABAA	003	130	4	--	--	U	125TGRV	4355
06S40E29ABBA	003	72	4.5	--	--	S	125TGRV	4230
06S40E30DDAA	003	111	--	J	E	H,S	125TGRV	4110
06S40E30DDAA2	003	93	4	S	E	S	125TGRV	4110
06S40E36ABBC	003	104	4	P	W	S	125TGRV	3640
06S41E03BBDD	087	52	--	P	W	U	125TGRV	3535
06S41E08CCAC	087	130	4	--	--	U	125TGRV	3740
06S41E23CCCC	087	300	--	--	--	--	125TGRV	3420
06S41E30CCAD	087	140	--	P	E	U	125TGRV	3570
06S41E32CADA	087	160	4	S	E	H	125TGRV	3470
06S42E01DDCC	087	470	--	--	--	H	125TGRV	3120
06S42E01DDCC2	087	246	2.5	P	H	H	125TGRV	3140
06S42E02CABC	087	310	6	--	--	U	125TGRV	3312
06S42E13BABD	087	250	4	--	--	S	125TGRV	3140
06S42E13DAAA	087	12	--	--	--	H	110ALVM	3140
06S42E13DBCC	087	290	4	Z	--	S	125TGRV	3125
06S42E14DCAD	087	335	2	Z	--	S	125TGRV	3140
06S42E16ACDA	087	96	4	--	--	S	125TGRV	3305
06S42E21DDCA	087	161	3	--	--	S	125TGRV	3158

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)		DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
54.00	S	11/ /1968	5	E	11/ /1968	4100	10.5	05S45E34AACD
12.70	S	05/22/1975	--		--	--	--	05S45E35BAAC
30.00	R	05/22/1975	12	V	05/22/1975	930	11.5	05S45E35BABA
16.50	S	05/22/1975	8	V	05/22/1975	2960	10.0	05S45E35BABD
9.00	S	05/21/1975	--		--	--	--	05S45E35BCDC
100.00	R	12/14/1973	3	R	12/14/1973	--	--	05S46E03CADC
45.00	R	01/16/1974	--		--	2000	10.0	05S46E04DACA
41.00	S	01/16/1974	--		--	--	--	05S46E04DDAB
42.00	R	01/12/1974	5	R	01/12/1974	--	10.5	05S46E05BDCB
12.00	S	01/15/1974	8		--	--	--	05S46E20CBCC
1.00	R	01/15/1974	10		01/15/1974	--	8.0	05S46E20CDAB
67.00		01/15/1974	5	R	01/15/1974	--	--	05S46E20CDAB2
--		--	--		--	--	--	05S46E20CDAB3
--		--	--		--	2300	8.5	05S46E21DDAA
29.00	S	01/18/1974	--		--	520	8.5	05S46E23CACA
30.00	S	01/18/1974	40	Z	01/18/1974	--	--	05S46E23CBDD
--		--	--		--	2500	8.5	05S46E24BCCB
30.00	S	01/18/1974	--		--	--	--	05S46E24BCCB2
3.00	S	01/15/1974	--		--	--	--	05S46E28BBAB
45.00	R	04/20/1976	3	R	04/20/1976	--	--	05S48E04CADC
78.90	S	04/20/1976	--		--	--	--	05S48E16BDAB
113.50	SR	07/27/1976	--		--	--	--	05S49E03ABDB
192.80	SP	07/27/1976	2	V	07/27/1976	5420	12.5	05S49E19ADBA
118.80	VP	07/27/1976	4	V	07/27/1976	3310	11.5	05S49E32ADCD
102.40	SP	07/28/1976	3	V	07/28/1976	2250	12.5	05S50E13CCCA
42.90	VP	07/28/1976	4	V	07/28/1976	2120	11.5	05S50E27ABDD
3.30	SR	01/26/1977	20		--	1140	12.0	05S51E03ABBA
64.40	SP	07/28/1976	2	V	07/08/1976	3460	12.0	05S51E07CDAC
140.00	S	10/06/1967	20	R	10/06/1967	--	--	06S38E24ADAC
27.00	R	06/17/1975	35	R	01/ /1973	1080	10.5	06S39E08DBBD
260.00		--	8	R	10/02/1968	--	--	06S39E15CCC
39.00	RR	06/26/1975	15	R	06/25/1975	1930	11.5	06S39E15DDBC
--		--	3	V	06/17/1975	1040	10.5	06S39E17BDBC
90.00	RR	02/10/1969	16	R	02/10/1969	1010	13.5	06S39E17CDAC
--		--	--		--	--	--	06S39E20ABD
51.60		10/02/1968	10	R	10/07/1968	--	--	06S39E25ACD
68.31		07/15/1977	--		--	--	--	06S39E26ABAA
12.30	S	08/22/1974	8	R	06/ /1952	--	--	06S40E29ABBA
41.90	S	07/24/1974	--		--	1300	10.5	06S40E30DDAA
23.60	SP	07/24/1974	--		--	1450	10.0	06S40E30DDAA2
30.20	S	07/11/1975	--		--	--	--	06S40E36ABBC
15.40	S	10/05/1978	--		--	810	7.0	06S41E03BBDD
41.50	V	09/09/1976	8	V	10/19/1978	3100	11.0	06S41E08CCAC
--		--	--		--	--	--	06S41E23CCCC
13.20	S	07/09/1975	--		--	--	--	06S41E30CCAD
--		--	2	V	07/03/1975	1420	13.0	06S41E32CADA
98.00+	G	06/19/1975	17	R	F 08/29/1967	2150	16.5	06S42E01DDCC
--		--	--		--	819	13.5	06S42E01DDCC2
113.00	S	03/05/1974	3		--	--	--	06S42E02CABC
0.00		--	0.7		--	--	10.0	06S42E13BABD
7.80		10/07/1975	--		--	--	--	06S42E13DAAA
12.00+	G	03/06/1974	4		--	--	10.5	06S42E13DBCC
14.60+	G	03/06/1974	0.4	F	03/06/1974	1790	9.5	06S42E14DCAD
45.00		--	15		--	1700	10.5	06S42E16ACDA
--		--	2	R	--	--	--	06S42E21DDCA

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
06S42E23BCAC	087	350	--	Z	--	--	125TGRV	3142
06S42E23BDBA	087	160	2	Z	--	S	125TGRV	3140
06S42E23C	087	80	--	--	--	H	125TGRV	--
06S42E23CAB	087	570	2	Z	--	S	125TGRV	3160
06S42E23CABC	087	12	36	--	--	U	110ALVM	3160
06S42E27ABBC	087	315	3	Z	--	S	125TGRV	3155
06S42E29CAAA	087	450	--	Z	--	S	125TGRV	3180
06S42E32ABA	087	700	--	Z	--	H	125TGRV	3200
06S42E32BDB	087	200	--	Z	--	U	125TGRV	3180
06S42E32CBA	087	400	--	Z	--	S	125TGRV	3198
06S43E07DCCA	087	555	4	Z	--	P	125TGRV	3160
06S43E18BABC	087	480	6	Z	--	P	125TGRV	3150
06S43E20DDBB	087	720	2	S	E	H	125TGRV	3240
06S44E29BCBD	087	67	--	P	E	S	125TGRV	3580
06S44E30	087	25	--	--	--	H	--	--
06S45E35CADD	075	--	--	P	--	S	--	3486
06S46E33DDB	075	--	--	--	--	S	--	3390
06S48E09BBDA	075	120	4	P	W	S	125TGRV	4050
06S48E23ADAB	075	270	1.25	P	W	S	125TGRV	3665
06S49E02CABB	075	60	4	P	W	S	125TGRV	3430
06S49E30BACB	075	310	4	P	W	S	125TGRV	3540
06S50E16AAAC	075	130	4	P	E	S	125TGRV	3260
06S51E07CABC	075	801	--	--	--	H,S	211HLCK	3145
06S51E20CDDD	075	81	4	P	G	S	125TGRV	3300
06S51E30CCCC	075	576	2.5	S	E	H	125TLCK	3350
06S52E17BDDC	075	400	4	P	W	S	125TLCK	3355
06S52E22ABDA	075	650	--	--	--	S	211FHHC	3140
07S38E24DBD	003	60	6	S	E	H	125TGRV	4360
07S39E01DCA	003	175	4	--	--	S	125TGRV	4300
07S39E09CBA	003	100	5	--	--	H	125TGRV	4130
07S39E09CBD	003	120	5	P	E	S	125TGRV	4150
07S39E11AAC	003	55	4.5	P	--	H,S	125TGRV	4400
07S39E11DDB	003	384	2	--	--	U	125TGRV	4498
07S39E14AAD	003	120	5	P	E	S	125TGRV	4340
07S39E15DBA	003	200	6	--	--	U	125TGRV	4350
07S39E16ACD	003	23	6	P	E	S	110ALVM	4170
07S39E16ADAD	003	75	6	P	E	S	125TGRV	4190
07S39E16ADC	003	66	--	S	E	H	125TGRV	4170
07S39E19CAD	003	65	5	S	E	H	125TGRV	4345
07S39E19CBD	003	--	--	--	--	H	--	4365
07S39E20DAAC	003	160	4	S	E	H,I	125TGRV	4258
07S39E20DADA	003	160	--	P	E	S	125TGRV	4258
07S39E21ADA	003	105	4	--	--	U	125TGRV	4220
07S39E21ADA2	003	100	6	J	E	S	125TGRV	4220
07S39E21CDA	003	100	4	P	E	S	125TGRV	4245
07S39E21CDA2	003	100	6	S	E	H	125TGRV	4240
07S39E22BCD	003	42	6	P	E	S	125TGRV	4240
07S39E23ACD2	003	56	--	P	--	U	125TGRV	4220
07S39E23ACD3	003	160	4	S	E	H,S	125TGRV	4220
07S39E23ACD4	003	119	4	--	--	U	125TGRV	4220
07S39E23ACD5	003	140	4	S	E	H	125TGRV	4210
07S39E23ACD6	003	500	--	--	--	U	125TGRV	4220
07S39E23ACD7	003	255	4	P	E	H,S	125TGRV	4220
07S39E24BCD	003	275	4	P	W	S	125TGRV	4210
07S39E24DDD	003	141	4	--	--	U	125TGRV	4160

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)		DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
--		--	2		--	1810	10.5	06S42E23BCAC
12.00+	G	03/06/1974	--		--	1800	10.5	06S42E23BDBA
14.00		--	--		--	--	--	06S42E23C
68.00+	G	03/06/1974	20		--	1320	11.5	06S42E23CAB
6.80	S	09/24/1975	--		--	--	--	06S42E23CABC
--		--	6		--	2100	11.0	06S42E27ABBC
10.00	G	03/ /1974	4	V	03/01/1974	1710	10.0	06S42E29CAAA
--		--	10	R F	02/ /1974	--	14.0	06S42E32ABA
--		--	5		--	--	--	06S42E32BDB
8.00+		03/ /1974	0.2		--	2100	7.5	06S42E32CBA
55.00+	G	02/02/1974	--		--	1420	12.0	06S43E07DCCA
63.00+	G	03/02/1974	40	R F	1945	1420	12.0	06S43E18BABC
65.00	RR	07/29/1976	20	R	07/29/1976	--	--	06S43E20DDBB
36.00	RR	07/29/1976	4	V	07/29/1976	875	8.0	06S44E29BCBD
13.00		--	--		--	--	--	06S44E30
16.00	S	08/03/1976	--		--	--	--	06S45E35CADD
--		--	2	E	05/15/1969	2100	8.0	06S46E33DDB
54.80	SR	07/19/1976	1	V	07/19/1976	1790	13.0	06S48E09BBDA
42.40	SP	07/20/1976	0.5	V	07/20/1976	4200	14.0	06S48E23ADAB
42.50	SR	08/03/1976	2	V	08/03/1976	2560	11.5	06S49E02CABB
189.40	SP	07/20/1976	3	V	07/20/1976	2270	13.5	06S49E30BACB
54.10	SR	08/03/1976	5	V	08/03/1976	746	11.5	06S50E16AAAC
	F	--	--		--	908	14.0	06S51E07CABC
52.00	SR	07/26/1976	--		--	--	--	06S51E20CDDD
150.00	RR	08/03/1976	20	R	08/03/1976	864	13.0	06S51E30CCCC
25.50	SR	08/03/1976	0.3	V	08/03/1976	985	12.5	06S52E17BDDC
	F	--	5	V F	07/29/1975	789	14.0	06S52E22ABDA
30.00	R	07/17/1974	--		--	--	10.5	07S38E24DBD
13.60	S	08/19/1974	5	R F	08/ /1961	--	--	07S39E01DCA
40.00	R	07/30/1974	--		--	1140	10.0	07S39E09CBA
40.00	R	07/30/1974	--		--	1100	8.0	07S39E09CBD
--		--	--		--	--	--	07S39E11AAC
288.30	V	07/15/1977	--		--	--	--	07S39E11DDB
73.30	S	08/15/1974	--		--	--	--	07S39E14AAD
80.40	S	07/25/1974	--		--	--	--	07S39E15DBA
14.00	S	07/24/1974	3	E	07/24/1974	1120	8.0	07S39E16ACD
39.50	S	07/25/1974	3	E	07/25/1974	1740	9.0	07S39E16ADAD
16.70	S	07/24/1974	--		--	1080	8.0	07S39E16ADC
35.00	R	07/16/1975	--		--	--	--	07S39E19CAD
--		--	--		--	--	--	07S39E19CBD
9.00	R	10/06/1967	11	R	10/06/1967	1960	14.5	07S39E20DAAC
9.00	R	10/06/1967	--		--	1120	9.0	07S39E20DADA
16.90	S	07/11/1974	8	R	05/19/1974	1210	10.5	07S39E21ADA
23.50	S	07/11/1974	18	R	10/07/1963	1200	11.5	07S39E21ADA2
15.00	R	07/19/1974	10	E	07/19/1974	1390	8.0	07S39E21CDA
18.00	R	07/19/1974	20	R	1968	--	--	07S39E21CDA2
35.20	S	07/11/1974	20	V	11/23/1961	--	11.0	07S39E22BCD
--		--	6	R	07/17/1974	--	--	07S39E23ACD2
--		--	25	R	1961	3100	12.5	07S39E23ACD3
69.60	S	07/25/1974	--		--	2800	12.0	07S39E23ACD4
--		--	--		--	4700	10.5	07S39E23ACD5
165.60	S	07/25/1974	--		--	1720	13.5	07S39E23ACD6
240.00	R	12/12/1963	3	R	07/25/1974	--	--	07S39E23ACD7
12.60	S	07/25/1974	15	R	08/ /1955	2050	11.0	07S39E24BCD
115.70	S	07/25/1974	10	R	1937	1010	14.5	07S39E24DDD

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
07S39E27CDC	003	350	4	P	E	S	125TGRV	4090
07S39E27DCDD	003	350	--	P	E	S	125TGRV	4130
07S39E31ACA	003	39	6	S	E	S	125TGRV	4360
07S39E34BCCB	003	200	4	S	E	S	125TGRV	4110
07S39E35ACC	003	--	8	--	--	U	--	3980
07S39E35DAB	003	92	6	S	E	S	125TGRV	3960
07S39E36CDD	003	75	4	S	E	--	125TGRV	3910
07S40E01BDDB	003	106	--	P	W	S	125TGRV	3602
07S40E01DCBB	003	142	--	--	--	S	125TGRV	3650
07S40E05DDDC	003	137	--	P	W	S	125TGRV	4110
07S40E08CCBD	003	26	--	J	E	H,S	125TGRV	4040
07S40E08CCDA	003	44	--	J	E	S	125TGRV	4045
07S40E15DCBD	003	29	4	C	E	H	125TGRV	3780
07S40E17AADC	003	36	--	J	E	H,S	125TGRV	3950
07S40E17BADA	003	--	--	--	--	U	--	3990
07S40E27CDAD	003	10	72	B	H	H,S	125TGRV	3740
07S40E30CCBD	003	72	--	--	--	S	125TGRV	3990
07S40E30DABB	003	125	4	--	--	U	125TGRV	4020
07S41E04DCDD	087	--	--	P	W	S	--	3346
07S41E11	087	--	--	--	--	H	--	--
07S41E19DCAA	087	--	--	P	G	S	--	3500
07S41E22ACDC	087	44	--	S	E	H	110ALVM	3260
07S41E22CDCD	087	30	--	--	--	S	110ALVM	3285
07S41E27DBBD	087	20	4	P	H	H	110ALVM	3280
07S41E27DBCB	087	20	4	S	E	S	110ALVM	3280
07S41E28DDAD	087	25	6	P	W	S	110ALVM	3285
07S41E33CAAB	087	--	6	S	E	S	--	3305
07S41E34BAAD	087	20	1.25	--	--	U	110ALVM	3285
07S42E06B	087	20	--	--	--	H	--	--
07S42E06BCAA	087	260	--	P	E	S	125TGRV	3220
07S42E06BCDB	087	20	--	--	--	H	110ALVM	3220
07S42E20CAAA	087	125	4	--	--	U	125TGRV	3520
07S43E05ABDB	087	874	--	--	--	H	125LEBO	3230
07S45E13DCCC	075	225	4	C	E	H	125TGRV	3400
07S45E27AADA	075	80	5	S	E	H	125TGRV	3480
07S45E31ABBB	075	42	--	--	--	S	125TGRV	4420
07S46E06CACD	075	120	4	S	E	S	125TGRV	3320
07S46E11CACA	075	25	--	P	E	H,S	110ALVM	3520
07S47E21BABC	075	110	--	S	E	H,S	125TGRV	3840
07S47E27DBBA	075	34	4	P	W	S	125TGRV	3950
07S48E15ACAB	075	40	4	--	--	S	125TGRV	3460
07S49E16CDDC	075	880	2	--	--	S	125TLCK	3230
07S49E35CCCB	075	800	--	P	E	H	125TLCK	3320
07S50E22BDAD	075	435	4	S	E	H,S	125LEBO	3440
07S50E26BCBC	075	35	6	P	W	S	110ALVM	3400
07S51E07ACDA	075	140	4	S	E	S	125TGRV	3480
07S51E34DBDB	075	830	4	S	E	S	125TLCK	3660
07S52E10DACC	075	800	--	--	--	S	211FHHC	3180
07S52E26BACB	075	600	--	--	--	H,S	211FHHC	3295
07.5S40E32ACD	003	120	4	--	--	U	125GRV	3780
08S38E11ADBD	003	42	4	--	--	S	124WSTC	4270
08S38E12DCDD	003	18	--	P	H	H	125TGRV	4090
08S39E01ABAA	003	55	4	S	E	H	125TGRV	3865
08S39E01BABB	003	80	--	S	E	S	125TGRV	3895
08S39E01DCCC	003	90	4	S	E	S	125TGRV	3810

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)		DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
125.00	SR	07/24/1974	2		07/24/1974	1490	12.0	07S39E27CDC
150.00	R	10/06/1967	15 R		10/06/1967	--	--	07S39E27DCD
30.00	S	07/17/1974	10 E		07/17/1974	--	9.0	07S39E31ACA
150.00	R	--	8 R		1959	--	--	07S39E34BCCB
65.50	S	07/16/1974	--		--	--	--	07S39E35ACC
73.20	S	--	15 R		12/27/1963	--	10.0	07S39E35DAB
--		--	--		--	650	10.5	07S39E36CDD
27.50	S	07/08/1975	--		--	--	--	07S40E01BDDB
90.00	R	09/07/1967	20 R		09/07/1967	--	--	07S40E01DCBB
90.00	SR	07/16/1974	--		--	1460	10.5	07S40E05DDDC
12.50	SR	07/18/1974	--		--	1500	13.5	07S40E08CCBD
13.20	SR	07/18/1974	--		--	1400	9.5	07S40E08CCDA
9.30	SR	07/17/1975	2 V		07/17/1975	1550	10.5	07S40E15DCBD
24.40	S	07/16/1974	--		--	--	--	07S40E17AADC
16.70	S	07/19/1974	--		--	--	--	07S40E17BADA
8.00	S	07/09/1975	--		--	845	11.5	07S40E27CDAD
2.90	S	07/25/1974	--		--	335	12.0	07S40E30CCBD
109.70	S	07/24/1974	8 R		1936	650	14.5	07S40E30DABB
--		--	2 V		07/03/1975	1240	11.0	07S41E04DCDD
--		--	--		--	--	--	07S41E11
7.50	S	07/17/1975	12 V		07/17/1975	1750	9.0	07S41E19DCAA
18.00	R	08/18/1967	40 R		04/24/1967	--	--	07S41E22ACDC
22.40		10/07/1975	--		--	--	--	07S41E22CDCD
6.00	R	07/17/1975	12 R		07/17/1975	1830	9.5	07S41E27DBBD
12.00	R	07/17/1975	9 R		07/17/1975	4430	9.0	07S41E27DBCB
15.40	S	10/07/1975	--		--	--	--	07S41E28DDAD
9.90	S	10/07/1975	--		--	--	--	07S41E33CAAB
1.00		10/07/1975	--		--	--	--	07S41E34BAAD
--		--	--		--	--	--	07S42E06B
--		--	1 V		06/24/1975	905	9.0	07S42E06BCAA
12.10	S	06/24/1975	--		--	--	--	07S42E06BCDB
--		--	--		--	--	--	07S42E20CAAA
	F	--	4 R	F	07/29/1976	2440	16.0	07S43E05ABDB
57.70	SR	08/03/1976	6 V		08/03/1976	1300	11.0	07S45E13DCCC
20.70	SP	08/04/1976	8 V		08/04/1976	2300	10.0	07S45E27AADA
30.00	R	09/07/1967	8 R		09/07/1967	--	--	07S45E31ABBB
30.10	SR	08/03/1976	4 V		08/03/1976	1370	11.0	07S46E06CACD
15.20	SR	07/29/1976	4 V		07/29/1976	2300	7.0	07S46E11CACA
50.30	SP	07/29/1976	6 V		07/29/1976	3100	10.0	07S47E21BABC
13.40	SP	07/22/1976	2 V		07/22/1976	2930	8.0	07S47E27DBBA
28.50	SP	07/21/1976	4 V		07/20/1976	2170	12.5	07S48E15ACAB
	F	--	0.5 VF		07/20/1976	1100	13.0	07S49E16CDDC
129.00	SR	07/28/1976	3 V		07/28/1976	800	--	07S49E35CCCB
200.00	RR	07/21/1976	5 V		07/21/1976	2000	12.5	07S50E22BDAD
22.20	SP	07/21/1976	3 V		07/21/1976	1700	8.0	07S50E26BCBC
100.20	SR	07/22/1976	12 V		07/22/1976	2370	10.5	07S51E07ACDA
66.40	SP	07/22/1976	4 V		07/22/1976	930	9.5	07S51E34DBDB
	F	--	15 V	F	07/29/1976	676	11.5	07S52E10DACC
	F	--	12 V	F	07/29/1976	532	13.0	07S52E26BACB
71.20	V	09/13/1976	--		--	--	--	07.5S40E32ACD
8.00	S	07/10/1974	--		--	2150	12.0	08S38E11ADBD
--		--	--		--	1500	9.5	08S38E12DCDD
47.40	S	07/09/1974	20		07/11/1974	900	11.5	08S39E01ABAA
54.20	S	07/09/1974	4 R		07/09/1974	--	--	08S39E01BABB
78.40	S	07/09/1974	--		--	--	--	08S39E01DCCC

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
08S39E02DAAD	003	106	4	S	E	S	125TGRV	3840
08S39E02DAAD2	003	130	--	P	E	H,S	125TGRV	3860
08S39E12ACBB	003	305	5	S	E	H,S	125TGRV	3860
08S39E12ACBB2	003	370	--	S	E	S	125TGRV	3850
08S39E13BBCC	003	348	--	P	G	S	125TGRV	4080
08S39E14CBBC	003	--	--	P	G	S	--	3810
08S39E21DCAB	003	39	6	P	G	S	124WSTC	3900
08S39E22DCCD	003	59	--	P	W	S	125TGRV	3832
08S39E23ABDA	003	38	--	--	--	U	125TGRV	3770
08S39E24BBBB	003	100	--	P	N	S	125TGRV	3780
08S39E24BCDD	003	105	--	--	--	A	125TGRV	3760
08S39E25DBDD	003	39	4	C	G	S	125TGRV	3768
08S39E26BDBA	003	--	--	--	--	--	--	3768
08S39E27CDCD	003	54	--	R	W	S	125TGRV	4095
08S39E32DBCD	003	30	--	P	--	H	125TGRV	3900
08S40E01BBCD	003	298	2	--	--	U	125TGRV	3782
08S40E07BBCA	003	100	--	P	E	S	125TGRV	3780
08S40E11CAAC	003	14	--	J	G	S	110ALVM	3485
08S40E15DBAD	003	--	--	S	E	H	--	3520
08S40E17DACD	003	230	4	--	--	U	125TGRV	3586
08S40E17DDAA	003	200	--	P	--	S	125TGRV	3662
08S40E18BBAD	003	303	4	P	W	S	125TGRV	3845
08S40E22BBCC	003	275	--	--	--	U	125TGRV	3620
08S40E28ABDB	003	107	--	P	W	S	125TGRV	3543
08S40E31ABDA	003	145	--	P	G	--	125TGRV	3615
08S40E32DAAD	003	--	6	S	E	H	--	3540
08S40E33AACC	003	89	4	--	--	U	125TGRV	3493
08S40E33AACD	003	58	4	--	--	U	125TGRV	3491
08S40E33ACDB	003	--	--	S	E	S	--	3485
08S40E33BCDA	003	88	--	P	E	S	125TGRV	3515
08S40E33CABB	003	37	4	--	--	U	125TGRV	3492
08S40E33CADA	003	83	4	--	--	U	125TGRV	3475
08S40E33CADA2	003	45	4	--	--	U	125TGRV	3476
08S40E33CADB	003	47	4	--	--	U	125TGRV	3472
08S40E34BDAA	003	53	--	S	E	I	125TGRV	3460
08S40E34BDAD	003	40	--	--	--	U	125TGRV	3460
08S40E34BDBA	003	98	4	--	--	H	125TGRV	3454
08S40E34DBDB	003	185	4	--	--	U	125TGRV	3424
08S40E34DBDB2	003	49	4	--	--	U	125TGRV	3424
08S41E18CBBB	003	42	--	--	--	--	125TGRV	3370
08S41E21CABB	003	99	--	P	W	S	125TGRV	3651
08S41E23DBCA	003	334	4	--	--	U	125TGRV	3960
08S41E24DCBA	003	42	--	P	G	S	125TGRV	3980
08S41E25CCAB	003	420	--	P	E	U	125TGRV	4150
08S41E29BAAC	003	33	6	P	W	S	125TGRV	3580
08S41E32BBBA	003	196	--	P	W	S	125TGRV	3635
08S41E34BCCC	003	181	--	P	G	S	125TGRV	3660
08S42E02ADDD	003	168	4	--	--	U	125TGRV	3629
08S42E06ADBC	003	398	2	--	--	U	125TGRV	3725
08S42E09AACC	003	25	--	--	--	--	125TGRV	3780
08S42E14ADCB	003	32	--	P	G	--	125TGRV	3680
08S42E15CBBA	003	157	4	P	E	--	125TGRV	3830
08S42E21AAAB	003	410	--	P	E	--	125TGRV	3960
08S42E22CAAC	003	166	--	P	W	--	125TGRV	3988
08S42E22DBCA	003	--	--	P	E	--	--	3980

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
106.00	S	07/09/1974	--	--	--	--	08S39E02DAAD
114.00		07/09/1974	10 R	1955	875	13.0	08S39E02DAAD2
141.00	RP	08/21/1941	10 R	08/21/1941	1700	12.5	08S39E12ACBB
175.70	SR	07/18/1974	10 R	08/21/1971	2440	12.0	08S39E12ACBB2
249.00	RP	07/18/1974	10 R	11/10/1972	3500	10.0	08S39E13BBCC
77.00	S	10/13/1973	--	--	1200	20.0	08S39E14CBBC
8.10	S	07/18/1975	--	--	1800	8.5	08S39E21DCAB
19.00	S	10/11/1973	--	--	1800	9.5	08S39E22DCCD
29.00	S	10/13/1973	--	--	500	9.5	08S39E23ABDA
--		--	--	--	--	--	08S39E24BBBB
85.00	S	10/13/1973	--	--	2000	12.0	08S39E24BCDD
4.90	S	07/14/1974	--	--	2400	--	08S39E25DBDD
16.00		10/11/1973	--	--	--	--	08S39E26BDBA
35.00	S	01/11/1973	--	--	850	9.5	08S39E27CDCD
19.00	S	10/16/1973	--	--	2300	10.0	08S39E32DBCD
--		--	--	--	--	--	08S40E01BBCD
--		--	--	--	950	9.0	08S40E07BBCA
2.30	S	07/17/1974	--	--	905	13.5	08S40E11CAAC
26.00	S	10/18/1973	--	--	600	9.5	08S40E15DBAD
140.00	S	09/ /1972	--	--	--	--	08S40E17DACD
135.00	S	10/18/1973	--	--	--	--	08S40E17DDAA
180.00	S	--	4 Z	10/18/1973	--	--	08S40E18BBAD
118.00	S	10/18/1973	--	--	520	13.5	08S40E22BBCC
81.00	S	10/11/1973	--	--	800	12.0	08S40E28A3DB
96.00	S	10/11/1973	--	--	1500	--	08S40E31ABDA
47.20	S	07/18/1975	--	--	1440	--	08S40E32DAAD
54.50	S	07/18/1975	--	--	1480	10.0	08S40E33AACC
54.10	S	07/18/1975	--	--	2200	10.0	08S40E33AACD
55.00	S	10/11/1973	4 V	10/11/1973	1450	10.5	08S40E33ACDB
28.00	S	10/13/1973	--	--	1300	10.0	08S40E33BCDA
13.90	S	07/19/1975	--	--	1700	16.0	08S40E33CABB
15.80	S	07/19/1975	--	--	1720	10.0	08S40E33CADA
10.40	S	07/19/1975	--	--	1680	9.5	08S40E33CADA2
10.30	S	07/19/1975	--	--	1680	10.0	08S40E33CADB
33.00	S	10/11/1973	--	--	800	12.0	08S40E34BDAA
30.00	S	10/11/1973	--	--	850	12.0	08S40E34BDAD
13.00	S	10/12/1973	6 R	10/12/1973	780	11.0	08S40E34BDBA
3.00	S	07/18/1975	--	--	1650	11.5	08S40E34DBDB
5.50	S	07/18/1975	--	--	410	10.5	08S40E34DBDB2
11.00		--	--	--	--	--	08S41E18CBBB
82.00	S	10/17/1973	--	--	650	15.0	08S41E21CABB
248.00		08/05/1975	--	--	--	--	08S41E23DBCA
16.00	S	10/14/1973	--	--	3800	14.0	08S41E24DC3A
388.00	S	10/14/1973	3 R	10/14/1973	4200	13.5	08S41E25CCAB
17.30	S	07/13/1974	--	--	2890	13.0	08S41E29BAAC
93.00	S	10/17/1973	--	--	5500	14.0	08S41E32BBBA
86.00	S	10/14/1973	--	--	2500	12.5	08S41E34BCCC
108.98		08/02/1977	--	--	--	--	08S42E02ADDD
39.50		10/27/1976	--	--	--	--	08S42E06ADBC
13.00	S	11/19/1973	--	--	--	--	08S42E09AACC
16.00	R	11/18/1973	38 R	10/18/1973	--	--	08S42E14ADCB
40.00		11/19/1973	5 R	11/19/1973	2720	9.5	08S42E15CBBA
220.00	S	11/19/1973	50 R	11/19/1973	5000	11.0	08S42E21AAAB
120.00	S	11/18/1973	4 R	11/18/1973	--	--	08S42E22CAAC
--		--	--	--	--	--	08S42E22DBCA

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
08S42E23BD8C	003	136	--	P	E	--	125TGRV	3880
08S42E26CBBB	003	159	--	--	--	H	125TGRV	3810
08S42E28CAAA	003	133	--	P	--	--	125TGRV	3940
08S42E29BDAC	003	20	--	P	W	--	124WSTC	3992
08S42E35BBBC	003	456	--	--	--	--	125TGRV	3965
08S43E05CBAC	003	44	--	P	Z	--	125TGRV	3375
08S43E09ADCC	003	199	4	--	--	S	125TGRV	3725
08S43E10BC4C	003	--	--	P	W	S	--	4105
08S43E11CDBD	003	325	4	P	G	S	125TGRV	3787
08S43E13ACCA	003	110	4	P	G	S	125TGRV	3865
08S43E16CCDA	003	100	--	S	E	H	125TGRV	3510
08S43E18ADCD	003	45	--	P	W	S	125TGRV	3375
08S43E23DBCC	003	58	4	--	--	U	125TGRV	3598
08S43E23DBDB	003	274	--	P	L	--	125TGRV	3607
08S43E28CACD	003	50	6	P	Z	S	125TGRV	3495
08S43E29DABC	003	68	4	P	W	S	125TGRV	3521
08S43E30BBCD	003	47	--	P	W	--	125TGRV	3620
08S43E32BBDA	003	--	2	--	--	U	--	3682
08S44E02AADC	003	13	--	--	--	U	110ALVM	3730
08S44E02ADAB	003	48	4	P	E	S	125TGRV	3742
08S44E05BABB	003	147	4	P	E	S	125TGRV	3855
08S44E06CBAC	003	44	--	--	--	S	125TGRV	3720
08S44E07BBBB	003	32	24	--	--	S	125TGRV	3755
08S44E09DBDD	003	25	--	--	--	S	125TGRV	3839
08S44E13BBBB	003	226	--	--	--	S	125TGRV	3820
08S44E14AACC	003	--	4	P	W	S	--	3843
08S44E15BCCD	003	51	4	P	W	S	125TGRV	3905
08S44E18ABAC	003	38	--	J	E	S	125TGRV	3880
08S44E18ABDB	003	255	--	P	E	H	125TGRV	3900
08S44E18BDCC	003	336	4	P	W	--	125TGRV	3865
08S44E22DCDB	003	190	--	P	W	S	125TGRV	4109
08S44E24CBCA	003	--	--	--	--	J	--	3930
08S44E35ADDC	003	28	--	P	G	S	125TGRV	4016
08S45E04ABAA	075	25	--	--	--	--	110ALVM	3555
08S45E10ABCB	075	30	--	--	--	S	125TGRV	3600
08S45E11ADDA	075	180	2	--	--	U	125TGRV	3880
08S45E14DDAC	075	10	--	--	--	S	125TGRV	3818
08S45E15CAAB	075	108	4	--	--	--	125TGRV	3663
08S45E16DDCB	075	42	--	P	E	S	125TGRV	3680
08S45E20AACD	075	35	--	--	--	S	125TGRV	3718
08S45E20BDAB	075	40	--	J	--	H	125TGRV	3780
08S45E22BAAA	075	19	36	--	--	S	110ALVM	3682
08S45E27BDBD	075	45	36	P	G	S	110ALVM	3718
08S45E27BDBD2	075	64	4	--	--	U	125TGRV	3718
08S45E27BDBD3	075	190	4	S	E	H	125TGRV	3718
08S45E27CCAA	075	40	--	P	G	--	110ALVM	3850
08S45E28AACC	075	262	6	--	--	J	125TGRV	3775
08S45E30ABAA	075	130	4	--	--	--	125TGRV	3827
08S45E31BCCB	075	361	--	--	--	--	125TGRV	3880
08S45E32BCAD	075	90	4	--	--	--	125TGRV	3843
08S45E33AADA	075	10	--	P	G	S	110ALVM	3750
08S45E33BAAC	075	50	4	--	--	H	125TGRV	3770
08S45E33BADB	075	30	30	P	E	S	110ALVM	3770
08S45E33BBDD	075	30	--	J	E	S	110ALVM	3778
08S45E34BCBC	075	253	4	--	--	J	125TGRV	3787

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
75.00	R	11/18/1973	4 R	11/18/1973	--	--	08S42E23BDBC
92.00		11/15/1973	--	--	4300	11.0	08S42E26C8BB
80.00		11/14/1973	2 R	11/14/1973	--	--	08S42E28CAAA
10.00	R	11/19/1973	--	--	4100	11.0	08S42E29BDAC
--		--	--	--	--	--	08S42E35BBBC
15.00		10/31/1973	9 R	10/31/1973	3000	9.5	08S43E05CBAC
83.00	R	10/06/1967	4 Z	11/27/1965	--	--	08S43E09ADCC
--		--	--	--	--	--	08S43E10BCAC
143.00	S	11/13/1973	4 R	11/13/1973	--	--	08S43E11CDBD
78.00	S	11/13/1973	2 R	11/13/1973	--	10.0	08S43E13ACCA
--		--	--	--	--	--	08S43E16CCDA
20.00	S	--	10 R	10/ /1973	--	--	08S43E18ADCD
35.12	S	08/16/1977	--	--	--	--	08S43E23D8CC
--		--	25 R	--	--	9.0	08S43E23DBDB
17.00	S	10/26/1973	25 R	10/ /1973	--	--	08S43E28CACD
15.00	R	--	30 R	10/26/1973	--	9.0	08S43E29DABC
38.00	S	10/ /1973	2 R	11/15/1973	1850	9.5	08S43E30B8CD
104.30		08/01/1977	--	--	--	--	08S43E32B9DA
8.00	S	11/16/1973	--	--	--	--	08S44E02AADC
36.00	S	11/16/1973	--	--	--	9.0	08S44E02ADAB
54.00	S	11/16/1973	--	--	--	11.0	08S44E05BABB
30.00	S	10/06/1967	6 R	10/06/1967	--	--	08S44E06CBAC
19.00	S	11/13/1973	3 R	11/13/1973	--	10.0	08S44E07BB9B
1.00	S	11/13/1973	--	--	--	9.0	08S44E09D9DD
145.00	S	10/06/1967	--	--	--	--	08S44E13B8B8
--		--	--	--	--	--	08S44E14AACC
12.00	S	11/16/1973	--	--	--	11.0	08S44E15BCCD
16.00	S	11/13/1973	--	--	--	9.0	08S44E18ABAC
205.00	R	11/12/1973	12 Z	11/12/1973	--	11.0	08S44E18A8D8
173.00	S	11/15/1973	6 R	11/15/1973	--	10.0	08S44E18BDCC
144.00	S	11/15/1973	10 Z	11/15/1973	--	--	08S44E22DCD8
10.00	S	11/14/1973	--	--	--	--	08S44E24C8CA
--		--	--	--	--	--	08S44E35ADDC
--		--	--	--	--	--	08S45E04ABAA
7.00	S	02/02/1974	--	--	2850	6.0	08S45E10ABC8
59.20	S	08/16/1977	--	--	--	--	08S45E11ADDA
--		--	--	--	--	--	08S45E14DDAC
--		--	--	--	--	--	08S45E15CAAB
--		--	--	--	5400	8.5	08S45E16DDCB
11.00	S	02/02/1974	--	--	--	--	08S45E20AACD
--		--	--	--	2400	8.5	08S45E20BDAB
8.00	S	01/31/1974	--	--	--	5.0	08S45E22BAAA
38.00	S	09/ /1967	1 R	01/31/1974	8000	8.5	08S45E27BD8D
23.00	S	01/31/1974	20	01/31/1974	--	--	08S45E27BDBD2
32.00	S	01/31/1974	7	01/31/1974	--	--	08S45E27BDBD3
7.00	S	01/30/1974	--	--	--	--	08S45E27CCAA
105.00	S	01/ /1974	15 R	01/31/1974	--	--	08S45E28AACC
--		--	--	--	--	--	08S45E30ABAA
327.00		--	12 R	09/06/1967	--	--	08S45E31BCC8
--		--	--	--	--	--	08S45E32BCAD
--		--	--	--	--	--	08S45E33AADA
22.00	R	06/ /1967	20 Z	01/30/1974	6100	8.0	08S45E33BAAC
--		--	--	--	1920	9.5	08S45E33BAD8
6.00	S	02/02/1974	--	--	3700	8.5	08S45E33BBDD
126.80	S	09/21/1976	3 V	02/03/1976	2180	12.5	08S45E34BCBC

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
08S45E34CAAB	075	130	6	J	E	S	125TGRV	3760
08S45E34CAAC	075	20	--	P	E	S	110ALVM	3760
08S45E36BCCC	075	250	4	P	G	S	125TGRV	3900
08S46E01BAAA	075	60	--	P	E	S	125TGRV	3641
08S46E01CDAC	075	220	--	P	W	S	125TGRV	3819
08S46E02DBCD	075	70	4	--	--	J	125TGRV	3888
08S46E04DACC	075	21	--	P	H	J	125TGRV	3709
08S46E05CBDC	075	55	--	P	E	S	125TGRV	3562
08S46E05DADD	075	16	--	P	E	H	110ALVM	3608
08S46E16DABA	075	14	32	P	--	U	110ALVM	3788
08S46E17CDBC	075	30	--	J	E	S	125TGRV	3652
08S46E20CCCA	075	33	4	P	G	S	110ALVM	3668
08S46E23ABAB	075	40	--	--	--	U	125TGRV	3896
08S46E24CCDB	075	160	4	P	E	S	125TGRV	3919
08S46E26ACCA	075	50	--	--	--	S	125TGRV	3865
08S46E26ACCD	075	18	--	--	--	U	125TGRV	3857
08S46E27BBAB	075	33	--	--	--	S	125TGRV	3870
08S46E28ACDB	075	75	4	P	--	S	125TGRV	3760
08S46E28ADD	075	75	--	--	--	S	125TGRV	3780
08S46E28DAAC	075	33	4	P	G	S	125TGRV	3773
08S46E32ABAB	075	20	--	P	G	S	110ALVM	3727
08S47E06BCAB	075	18	--	P	H	J	110ALVM	3708
08S47E07CCBD	075	80	--	--	--	U	125TGRV	3797
08S47E08DABC	075	--	4	S	E	H	--	3875
08S47E08DABC2	075	--	6	P	E	H	--	3875
08S47E16BBCC	075	--	4	P	E	S	--	3850
08S48E12AACA	075	590	2	--	--	S	125LEBD	3270
08S48E13BDDD	075	367	2	--	--	S	125TGRV	3300
08S48E16CCBB	075	172	4	--	--	S	125TGRV	3442
08S49E04CDBB	075	130	4	P	G	S	125TGRV	3435
08S49E25AADC	075	36	4.25	P	E	S	110ALVM	3480
08S50E24ABAA	075	--	--	S	E	H	--	3628
08S50E25CBDD	075	40	--	S	E	S	125TGRV	3740
08S51E01DCDB	075	270	4	--	--	S	125TLCK	3484
08S51E12DCBB	075	100	4	P	E	H,S	125LEBD	3580
08S52E15CCAD	075	300	2.5	--	--	S	125TLCK	3275
09S35E22DADA	003	175	4	--	--	J	125TGRV	3982
09S39E14ACBC	003	36	--	S	E	S	125TGRV	3660
09S39E14BDAD	003	300	--	S	E	H	125TGRV	3655
09S39E14DCBB	003	391	--	--	--	U	125TGRV	3647
09S39E22CC6C	003	615	4	S	G	S	125TGRV	4035
09S39E24ACDB	003	235	4	P	E	H	125TGRV	3600
09S39E24CCDC	003	244	3.5	P	E	H	125TGRV	3608
09S39E25DDAC	003	150	--	P	W	--	125TGRV	3590
09S39E29DAAC	003	60	--	--	--	--	125TGRV	3720
09S39E29DBDA	003	37	6	P	E	H,S	110ALVM	3725
09S39E32BAAA	003	--	4	P	E	U	--	3770
09S40E01CCAA	003	125	--	P	G	S	125TGRV	3445
09S40E01DCBA	003	72	4	--	--	U	110ALVM	3457
09S40E01DCBA2	003	72	4	--	--	U	110ALVM	3457
09S40E03ACAB	003	280	4	--	--	S	125TGRV	3423
09S40E03CCCD	003	99	4	P	G	S	125TGRV	3478
09S40E03CDCD	003	97	5	--	--	U	125TGRV	3460
09S40E03DABB	003	78	4	--	--	U	125TGRV	3433
09S40E03DABB2	003	48	4	--	--	U	125TGRV	3437

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
119.00	R	09/ /1967	50 R	09/ /1967	--	--	08S45E34CAAB
6.00	S	01/30/1974	--	--	4000	7.5	08S45E34CAAC
--		--	--	--	--	--	08S45E36BCCC
37.00	S	02/06/1974	--	--	--	--	08S46E01BAAA
137.00	S	02/06/1974	--	--	--	--	08S46E01CDAC
55.00	S	02/06/1974	--	--	--	--	08S46E02DBCD
8.00	S	02/07/1974	--	--	4500	6.0	08S46E04DACC
20.00	S	02/07/1974	--	--	--	--	08S46E05CBDC
10.00	S	02/07/1974	--	--	3500	4.0	08S46E05DADD
11.00	S	01/31/1974	--	--	--	--	08S46E16DABA
11.00	S	02/04/1974	--	--	5000	2.5	08S46E17CDBC
9.00	S	01/30/1974	--	--	6500	5.5	08S46E20CCCA
--		--	--	--	--	--	08S46E23ABAB
150.00	R	05/ /1969	4 R	05/ /1969	4700	8.5	08S46E24CCDB
11.00	S	02/04/1974	8 R	02/04/1974	2200	3.5	08S46E26ACCA
3.00	S	02/04/1974	--	--	--	--	08S46E26ACCD
30.00	S	09/06/1967	--	--	--	--	08S46E27BBAB
14.00	S	01/31/1974	--	--	--	--	08S46E28ACDB
50.00	S	09/06/1967	--	--	--	--	08S46E28ADD
13.00	S	01/31/1974	--	--	--	--	08S46E28DAAC
6.00	S	01/30/1974	--	--	--	--	08S46E32ABAB
12.00	S	02/06/1974	--	--	--	--	08S47E06BCAB
14.00	S	02/06/1974	--	--	--	--	08S47E07CCBD
--		--	--	--	--	--	08S47E08DABC
--		--	3 E	10/29/1975	--	--	08S47E08DABC2
--		--	--	--	--	--	08S47E16BBCC
	F	--	3 V F	07/22/1976	815	13.5	08S48E12AACA
	F	--	1 V F	07/28/1976	1000	12.0	08S48E13BDDD
50.40	SR	07/22/1976	3 V	07/22/1976	4100	12.0	08S48E16CCBB
80.40	SR	07/28/1976	6 V	07/28/1976	5000	10.0	08S49E04CDBB
23.00	SR	07/29/1976	4 V	07/29/1976	5300	9.0	08S49E25AADC
158.00	SP	07/21/1976	6 V	07/21/1976	940	13.0	08S50E24ABAA
13.80	SP	07/20/1976	18 V	07/20/1976	2360	9.5	08S50E25CBDD
101.70	SR	07/22/1976	--	--	--	--	08S51E01DCD3
92.60	SP	07/22/1976	1 V	07/22/1976	930	12.0	08S51E12DC3B
	F	--	0.5 VF	07/28/1976	732	12.0	08S52E15CCAD
59.00		--	--	--	1040	11.0	09S38E22DADA
16.00	S	10/17/1973	--	--	1950	13.0	09S39E14ACBC
--		--	--	--	1500	14.0	09S39E14BDAD
160.00	S	10/16/1973	--	--	4000	12.5	09S39E14DC3B
367.00		10/17/1974	--	--	2750	--	09S39E22CCBC
88.00	R	08/26/1975	--	--	2950	11.0	09S39E24ACDB
106.00	R	08/26/1975	--	--	2950	--	09S39E24DCDC
--		--	10 R	02/03/1976	--	--	09S39E25DDAC
10.00	S	09/07/1967	50 R	09/07/1967	--	--	09S39E29DAAC
18.90	S	07/18/1974	--	--	1700	11.5	09S39E29DBDA
63.40	S	07/18/1974	--	--	--	--	09S39E32BAAA
26.00	S	10/18/1973	--	--	1900	11.5	09S40E01CCAA
34.20	S	07/17/1975	--	--	3850	10.0	09S40E01DCBA
35.20	S	07/17/1975	--	--	3850	10.0	09S40E01DCBA2
	F	09/26/1975	0.4 VF	09/26/1975	1320	12.0	09S40E03ACAB
50.90	S	07/20/1975	--	--	1680	9.5	09S40E03CCCD
39.50	S	07/20/1975	--	--	1620	11.0	09S40E03CDCD
10.20	S	07/19/1975	--	--	750	10.5	09S40E03DABB
15.80	S	07/19/1975	--	--	775	14.0	09S40E03DABB2

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAMETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
09S40E03DCAA	003	462	--	--	--	U	125TGRV	3440
09S40E04BCCA	003	77	4	--	--	U	125TGRV	3525
09S40E04BDCB	003	121	4	--	--	U	125TGRV	3514
09S40E04BDCC	003	74	4	--	--	U	125TGRV	3514
09S40E04CBAD	003	240	5	--	--	U	125TGRV	3542
09S40E04CDAB	003	--	--	P	E	S	--	3542
09S40E05ACBB	003	173	4	--	--	U	125TGRV	3563
09S40E05BACC	003	238	4	P	G	S	125TGRV	3585
09S40E07CCAB	003	274	--	--	--	--	125TGRV	3720
09S40E08DCAA	003	215	1.25	--	--	--	125TGRV	3612
09S40E09AADD	003	129	4	--	--	U	125TGRV	3500
09S40E09AADD2	003	134	4	--	--	U	125TGRV	3500
09S40E09AADD3	003	85	4	--	--	U	125TGRV	3499
09S40E09BDDA	003	192	4	--	--	U	125TGRV	3598
09S40E09BDDA2	003	247	1.25	--	--	U	125TGRV	3592
09S40E09BDDA3	003	192	2	--	--	U	125TGRV	3598
09S40E09BDDB	003	247	4	--	--	U	125TGRV	3592
09S40E10CACC	003	980	6	--	--	I	125TGRV	3465
09S40E11ADAC	003	32	12	P	E	S	125TGRV	3430
09S40E11ADAC2	003	--	4	J	E	H	125TGRV	3440
09S40E11ADDD	003	100	--	--	--	--	125TGRV	3440
09S40E11CBCC	003	103	4	--	--	U	125TGRV	3424
09S40E11CBCC2	003	17	4	--	--	U	110ALVM	3425
09S40E11DCAD	003	151	4	--	--	U	125TGRV	3451
09S40E11DCAD2	003	67	4	--	--	U	125TGRV	3452
09S40E12ABAB	003	49	4	--	--	U	125TGRV	3478
09S40E12ABBA	003	131	4	--	--	--	125TGRV	3478
09S40E12BCAA	003	45	4	--	--	U	125TGRV	3445
09S40E12BCAA2	003	50	4	--	--	U	125TGRV	3445
09S40E12BCAB	003	44	4	--	--	U	125TGRV	3445
09S40E13CAAA	003	108	--	P	G	S	125TGRV	3500
09S40E13DCCB	003	228	4	--	--	U	125TGRV	3511
09S40E13DCCB2	003	176	4	--	--	U	125TGRV	3518
09S40E13DCCD	003	75	--	P	G	S	125TGRV	3520
09S40E13DCCD2	003	123	4	--	--	U	125TGRV	3509
09S40E15CDBD	003	89	4	--	--	U	111SPBK	3458
09S40E15CDBD2	003	98	4	--	--	U	111SPBK	3458
09S40E15DCDC	003	17	24	P	E	S	110ALVM	3431
09S40E15DCDD	003	34	6	J	E	H	110ALVM	3430
09S40E16ABCA	003	104	1.25	--	--	U	125TGRV	3498
09S40E16ABCD	003	207	4	--	--	U	125TGRV	3498
09S40E16DDDC	003	3485	--	--	--	--	211FHHC	3540
09S40E17ACAC	003	115	--	P	W	S	125TGRV	3545
09S40E17DACB	003	220	2	--	--	--	125TGRV	3584
09S40E17DBDA	003	199	1.25	--	--	U	125TGRV	3579
09S40E17DBDB	003	231	4	--	--	U	125TGRV	3581
09S40E18AABD	003	236	4	--	--	U	125TGRV	3640
09S40E19BACA	003	384	4	--	--	U	125TGRV	3693
09S40E21ACCA	003	255	4	--	--	U	125TGRV	3534
09S40E21ACCA2	003	165	4	--	--	U	125TGRV	3537
09S40E21BCAC	003	210	4	--	--	U	125TGRV	3575
09S40E21BCAD	003	200	2	--	--	U	125TGRV	3574
09S40E21BCDA	003	182	1.25	--	--	U	125TGRV	3575
09S40E21CACD	003	110	--	--	--	H	125TGRV	3556
09S40E21CADA	003	196	4	--	--	U	125TGRV	3537

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
4.10		10/21/1968	4 R	10/06/1967	--	--	09S40E03DCAA
73.60	V	07/19/1975	--	--	1720	10.5	09S40E04BCCA
67.90	S	07/19/1975	--	--	1850	11.0	09S40E04BDCB
68.30	S	07/19/1975	--	--	1650	11.0	09S40E04BDCC
95.30	S	07/19/1975	--	--	2780	11.5	09S40E04CBAD
95.00	S	10/13/1973	--	--	3980	11.0	09S40E04CDAB
63.40	S	07/19/1975	--	--	1580	11.0	09S40E05ACBB
68.00	S	10/13/1973	--	--	2000	12.5	09S40E05BACC
138.00	S	10/11/1973	50 R	10/12/1973	--	--	09S40E07CCAB
15.00	S	11/28/1973	--	--	--	--	09S40E08DCAA
75.10	S	07/18/1975	--	--	1640	10.5	09S40E09AADD
74.20	V	07/15/1975	--	--	1580	11.0	09S40E09AADD2
78.90	S	07/18/1975	--	--	3550	10.0	09S40E09AADD3
158.00	S	09/ /1972	--	--	--	--	09S40E09BDDA
152.00	S	09/ /1972	--	--	--	--	09S40E09BDDA2
150.00	S	10/ /1970	--	--	--	--	09S40E09BDDA3
152.00	S	09/ /1972	--	--	--	--	09S40E09BDDB
45.80	S	09/27/1975	--	--	1500	11.0	09S40E10CACC
18.00	S	10/17/1973	--	--	1750	10.0	09S40E11ADAC
22.80	S	08/25/1975	--	--	2000	--	09S40E11ADAC2
50.00	R	10/06/1967	10 R	10/06/1967	--	--	09S40E11ADDD
3.20	S	07/20/1975	--	--	1640	10.0	09S40E11CBCC
5.10	S	07/20/1975	--	--	5000	9.0	09S40E11CBCC2
29.40	S	07/21/1975	--	--	2750	11.0	09S40E11DCAD
31.50	S	07/17/1975	--	--	2000	10.5	09S40E11DCAD2
43.80	S	07/17/1975	--	--	--	9.0	09S40E12ABAB
55.00	S	07/17/1975	--	--	3700	8.5	09S40E12ABBA
25.40	S	07/17/1975	--	--	2220	11.0	09S40E12BCAA
25.40		07/17/1975	--	--	2600	11.0	09S40E12BCAA2
25.20	S	07/17/1975	--	--	1810	11.0	09S40E12BCAB
63.00	S	10/18/1973	--	--	2400	10.0	09S40E13CAAA
81.30	S	06/23/1975	--	--	2280	12.0	09S40E13DCCB
97.90	S	06/23/1975	--	--	2450	10.5	09S40E13DCCB2
31.00	S	10/17/1973	--	--	925	11.0	09S40E13DCCD
71.50	S	06/23/1975	--	--	2350	10.5	09S40E13DCCD2
83.90	S	07/24/1975	--	--	4800	11.5	09S40E15CDBD
82.40	S	07/24/1975	--	--	4600	13.0	09S40E15CDBD2
12.20	S	08/26/1975	--	--	2000	9.0	09S40E15DCDC
12.10	S	08/26/1975	--	--	1650	--	09S40E15DCDD
57.00	S	11/ /1970	--	--	--	--	09S40E16ABCA
39.00	S	06/ /1972	7 V	11/28/1973	--	--	09S40E16ABCD
--		--	--	--	--	--	09S40E16DDDC
111.00	S	10/12/1973	--	--	1700	9.5	09S40E17ACAC
133.00	S	10/ /1970	--	--	--	--	09S40E17DACB
157.90	S	07/15/1975	--	--	1520	11.0	09S40E17DBDA
160.10	V	--	--	--	1500	10.8	09S40E17DBDB
188.60	V	07/20/1975	--	--	1680	12.0	09S40E18AABD
240.60	S	07/20/1975	--	--	1650	12.5	09S40E19BACA
68.00	S	09/ /1972	--	--	--	--	09S40E21ACCA
91.00	S	09/ /1972	--	--	--	--	09S40E21ACCA2
128.00	S	09/ /1972	--	--	--	--	09S40E21BCAC
105.00	S	10/ /1970	--	--	--	--	09S40E21BCAD
111.90	S	07/15/1975	--	--	4100	11.0	09S40E21BCDA
--		--	--	--	5010	15.0	09S40E21CACD
92.00	S	09/ /1972	--	--	--	--	09S40E21CADA

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAMETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
09S40E21CCAC	003	199	4	--	--	U	125TGRV	3641
09S40E21CDAB	003	276	4	S	E	--	125TGRV	3555
09S40E21CDBA	003	--	3.5	S	E	H,S	--	3577
09S40E21CDBD	003	188	--	S	E	H	125TGRV	3561
09S40E21CDDD	003	227	--	--	--	H	125TGRV	3650
09S40E21DDBA	003	170	--	S	E	S	125TGRV	3505
09S40E22DAAD	003	169	--	J	E	S	125TGRV	3455
09S40E23BCCD	003	173	4	--	--	J	125TGRV	3462
09S40E23BCCD2	003	203	4	--	--	U	125TGRV	3461
09S40E23CBBA	003	289	4	--	--	J	125TGRV	3463
09S40E24AACD	003	433	4	--	--	U	125TGRV	3551
09S40E24ABAB	003	75	4	P	W	S	111SPBK	3530
09S40E24ABAD	003	133	4	--	--	U	125TGRV	3520
09S40E24ABAD2	003	118	4	--	--	U	125TGRV	3519
09S40E24ABAD3	003	127	4	--	--	U	125TGRV	3529
09S40E24ABBB	003	140	4	P	G	S	125TGRV	3528
09S40E24ADBA	003	343	4	--	--	U	125TGRV	3557
09S40E24ADBA2	003	245	4	--	--	U	125TGRV	3562
09S40E24ADBD	003	423	4	--	--	U	125TGRV	3573
09S40E24CABC	003	190	--	--	--	H	125TGRV	3680
09S40E24CABC2	003	15	--	--	--	H	110ALVM	3882
09S40E26BADD	003	--	--	P	G	S	--	3490
09S40E27CCAC	003	260	--	--	--	H,S	125TGRV	3440
09S40E28DABB	003	600	--	--	--	--	125TGRV	3475
09S40E29BBDB	003	293	4	--	--	U	125TGRV	3578
09S40E29CCAD2	003	151	--	J	E	H	125TGRV	3520
09S40E29DBDB	003	--	--	P	E	P	--	3560
09S40E30BBAB	003	125	--	S	E	S	125TGRV	3562
09S40E30BBDD	003	238	--	S	E	--	125TGRV	3560
09S40E36ADAB	003	290	--	P	W	S	125TGRV	3725
09S41E01CBAC	003	372	4	--	--	U	125TGRV	3965
09S41E01DADD	003	180	--	P	G	S	125TGRV	3800
09S41E05DCBD	003	235	4	--	--	U	125TGRV	3557
09S41E05DCBD2	003	146	4	--	--	J	125TGRV	3552
09S41E05DCBD3	003	113	4	--	--	U	125TGRV	3549
09S41E06DDCC	003	73	--	--	--	--	125TGRV	3498
09S41E06DDCD	003	33	6	P	W	H	125TGRV	3498
09S41E07ADCA	003	--	5	S	E	H,S	--	3520
09S41E07CCBD	003	103	--	--	--	J	125TGRV	3513
09S41E08BBAA	003	37	4	--	--	U	125TGRV	3495
09S41E08BBAD	003	34	--	--	--	J	110ALVM	3478
09S41E08CABC	003	74	4	--	--	U	125TGRV	3524
09S41E08CABC2	003	152	4	--	--	U	125TGRV	3525
09S41E08CACD	003	--	--	--	--	--	--	3530
09S41E08CBAD	003	215	4	--	--	U	125TGRV	3523
09S41E08CDBD	003	105	--	S	E	S	125TGRV	3550
09S41E09ACBC	003	29	--	S	E	S	110ALVM	3515
09S41E14ACCD	003	62	4	--	--	S	125TGRV	3622
09S41E15ABDB	003	26	--	P	W	S	110ALVM	3550
09S41E17CBCC	003	96	--	P	W	S	125TGRV	3570
09S41E18BDAA	003	99	4	--	--	J	125TGRV	3524
09S41E20DDDD	003	230	2	--	--	U	125TGRV	3734
09S41E26AADA	003	40	--	P	W	S	125TGRV	3688
09S41E26ABBB	003	252	--	--	--	--	125TGRV	3760
09S41E26BABC	003	113	--	--	--	S	125TGRV	3746

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
136.60	S	07/22/1975	--	--	2380	10.0	09S40E21CCAC
123.00	S	10/12/1973	--	--	2700	10.5	09S40E21CDAB
149.50	V	07/24/1975	--	--	2200	--	09S40E21CDBA
--		--	--	--	1450	14.0	09S40E21CDBD
117.00	R	09/07/1967	5	09/07/1967	--	--	09S40E21CDDD
30.00	S	10/15/1973	--	--	4500	10.0	09S40E21DDBA
41.00	S	10/18/1973	4	--	2500	10.0	09S40E22DAAD
44.80	S	07/20/1975	--	--	2400	11.0	09S40E23BCCD
46.10	S	07/17/1975	--	--	2500	11.0	09S40E23BCCD2
12.90	S	07/16/1975	--	--	2500	11.0	09S40E23CBBA
56.90	S	06/24/1975	--	--	2800	10.5	09S40E24AACD
31.70	S	08/23/1975	--	--	3500	10.0	09S40E24ABAB
83.80	S	06/24/1975	--	--	2620	10.5	09S40E24ABAD
82.60	S	06/23/1975	--	--	3000	10.5	09S40E24ABAD2
93.40	S	06/24/1975	--	--	1980	10.5	09S40E24ABAD3
45.10	S	07/15/1974	--	--	1200	10.5	09S40E24ABBB
60.70	S	06/23/1975	--	--	2800	10.5	09S40E24ADBA
62.10	S	06/23/1975	--	--	2750	10.5	09S40E24ADBA2
78.10	S	06/23/1975	--	--	3000	11.0	09S40E24ADBD
9.00	R	10/15/1972	33	--	--	--	09S40E24CABC
10.00	R	10/15/1972	--	--	--	7.0	09S40E24CABC2
--		--	4	--	2200	10.5	09S40E26BADD
	F	--	5 R F	10/19/1973	2300	12.0	09S40E27CCAC
--		--	1 R F	10/22/1968	2130	12.0	09S40E28DABB
117.10	S	07/24/1975	--	--	1850	11.5	09S40E29BBDB
39.00	R	10/16/1973	--	--	1500	11.0	09S40E29CCAD2
--		--	--	--	1900	--	09S40E29DBDB
109.00	S	10/16/1973	--	--	5500	10.0	09S40E30BBAB
100.00	R	09/07/1967	18 R	09/07/1967	--	--	09S40E30BBDD
190.00	S	10/18/1973	--	--	2800	14.0	09S40E36ADAB
323.80	S	08/05/1975	--	--	--	--	09S41E01CBAC
107.00	S	10/14/1973	--	--	2300	11.0	09S41E01DADD
108.40	V	06/24/1975	--	--	3250	11.5	09S41E05DCBD
67.30	V	06/24/1975	--	--	3300	10.5	09S41E05DCBD2
61.90	S	06/24/1975	--	--	3550	10.5	09S41E05DCBD3
41.00		10/15/1973	--	--	4500	10.0	09S41E06DDCC
17.00	R	10/22/1968	32 Z	10/22/1968	3300	10.0	09S41E06DDCD
59.60	S	07/13/1974	--	--	3550	13.0	09S41E07ADCA
79.00	S	10/17/1973	--	--	1800	14.0	09S41E07CCBD
25.10	S	06/24/1975	--	--	4600	10.0	09S41E08BBAA
11.20	S	06/24/1975	--	--	3000	9.0	09S41E08BBAD
44.20	S	07/17/1975	--	--	2750	10.5	09S41E08CABC
53.20	S	07/17/1975	--	--	3800	11.5	09S41E08CABC2
--		--	--	--	3000	12.0	09S41E08CACD
76.60	S	07/17/1975	--	--	2800	11.0	09S41E08CBAD
43.00	S	10/15/1973	--	--	850	10.0	09S41E08CDBD
5.00	S	10/14/1973	20 R	10/14/1973	2400	10.5	09S41E09ACBC
33.40	S	07/15/1974	--	--	4050	--	09S41E14ACCD
5.00	S	10/15/1973	--	--	1400	10.0	09S41E15ABDA
27.00		10/15/1973	--	--	2800	10.0	09S41E17CBCC
59.50	S	07/20/1975	--	--	2000	10.5	09S41E18BDAA
155.40	S	08/05/1975	--	--	--	--	09S41E20DDDD
9.00	S	10/15/1973	--	--	4000	--	09S41E26AADA
--		--	9 R	10/06/1967	--	--	09S41E26ABBB
49.50	S	07/23/1975	--	--	4900	10.5	09S41E26BABC

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
09S42E02ADBB	003	59	4	--	--	--	125TGRV	3680
09S42E03AADA	003	60	--	P	W	--	125TGRV	3720
09S42E05AAAD	003	120	--	P	W	S	125TGRV	3891
09S42E12BCAB	003	40	--	P	W	--	125TGRV	3655
09S42E25DCAD	003	59	--	P	W	--	125TGRV	3700
09S42E26CDCA	003	32	--	P	--	--	124WSTC	3764
09S42E27CDCD	003	66	--	--	--	--	124WSTC	3820
09S42E31CBAC	003	28	--	P	W	S	124WSTC	3745
09S42E35DCCC	003	100	--	J	E	--	124WSTC	3790
09S42E36BCAB	003	36	--	P	E	--	110ALVM	3730
09S42E36BCBA	003	--	--	--	--	--	--	3725
09S43E04ABCC	003	35	6	P	--	U	110ALVM	3520
09S43E07BCAD	003	46	--	P	W	S	125TGRV	3627
09S43E07DACB	003	165	--	--	--	U	125TGRV	3720
09S43E10AA8B	003	199	--	--	--	--	125TGRV	3520
09S43E10BBAD	003	75	6	--	--	S	125TGRV	3520
09S43E11ACBB	003	--	6	--	--	--	--	3554
09S43E15CDAB	003	--	--	P	W	S	--	3555
09S43E15DABC	003	--	--	P	W	S	--	3579
09S43E21AADA	003	55	6	P	N	S	125TGRV	3575
09S43E27AAAC	003	45	4	P	--	--	125TGRV	3590
09S43E27CDCA	003	240	4	P	W	S	125TGRV	3760
09S43E29DBAB	003	37	--	P	W	--	125TGRV	3627
09S43E35BBCD	003	215	3	P	N	S	125TGRV	3630
09S43E35CADC	003	235	3	P	N	S	125TGRV	3621
09S44E01ADAA	003	330	4	--	--	S	125TGRV	4000
09S44E07ADAA	003	70	--	P	W	S	125TGRV	3618
09S44E10CBAD	003	50	--	P	W	S	125TGRV	3721
09S44E11BDAA	003	180	4	--	--	U	125TGRV	3761
09S44E20DCAA	003	204	3	P	N	S	125TGRV	3670
09S44E27ABCB	003	54	6	P	W	N	125TGRV	3715
09S44E28CDCD	003	227	4	S	E	H	125TGRV	3720
09S44E33BADB	003	272	4	P	N	S	125TGRV	3702
09S45E03AADD	075	40	--	--	--	S	125TGRV	3840
09S45E03ADCC	075	82	4	S	E	--	125TGRV	3822
09S45E03BAAA	075	--	--	P	E	S	--	3790
09S45E04DCAB	075	120	4	--	--	--	125TGRV	3845
09S45E05BBAA	075	28	4	P	E	S	125TGRV	3802
09S45E07CCAD	075	285	6	--	--	H	125TGRV	3900
09S45E09ABDA	075	--	--	P	G	S	--	3850
09S45E11BCDA	075	16	--	S	E	S	110ALVM	3844
09S45E11BCDA2	075	--	--	--	--	U	--	3844
09S45E12CBCC	075	--	--	P	E	S	--	3930
09S45E14BACB	075	--	4	P	--	S	--	3890
09S45E15CDAA	075	25	--	J	G	S	125TGRV	3948
09S45E16AAAD	075	30	--	S	G	--	125TGRV	3925
09S45E20ACCD	075	423	--	--	--	S	125TGRV	4090
09S45E23DDCC	075	--	--	--	--	--	--	4147
09S45E23DDCC2	075	189	--	--	--	--	125TGRV	4147
09S45E27BBBB	075	490	--	--	--	S	125TGRV	4170
09S45E36CAAA	075	260	--	--	--	S	125TGRV	4160
09S46E03AABB	075	50	4	--	--	H	125TGRV	3850
09S46E03BCCC	075	340	2	--	--	--	125TGRV	3955
09S46E03DDDD	075	--	--	--	--	S	--	3958
09S46E04ACBC	075	160	4	P	E	S	125TGRV	3822

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
29.00	S	10/30/1975	5 R	10/30/1975	--	--	09S42E02ADBB
34.00	S	11/14/1973	--	--	--	--	09S42E03AADA
22.00	S	11/14/1973	--	--	3500	10.0	09S42E05AAAD
17.00	S	10/14/1973	--	--	--	--	09S42E12BCAB
16.00	S	11/16/1973	16 R	11/16/1973	--	--	09S42E25DCAD
4.00	S	11/17/1973	15 R	11/17/1973	--	--	09S42E26CDCA
65.00	S	11/17/1973	--	--	--	--	09S42E27CDCD
6.00	S	10/ /1973	10 R	10/06/1967	4000	10.0	09S42E31CBAC
30.00	S	11/17/1973	3 R	11/17/1973	--	--	09S42E35DCCC
9.00	S	11/16/1973	--	--	--	--	09S42E36BCAB
--		--	--	--	--	--	09S42E36BCBA
11.00	S	10/30/1973	30 R	10/ /1973	--	--	09S43E04ABCC
15.00	S	11/14/1973	--	--	2360	9.0	09S43E07BCAD
61.30	S	08/05/1977	--	--	--	--	09S43E07DACB
--		--	2 R	--	--	--	09S43E10AABB
12.00	S	03/20/1974	--	--	--	9.5	09S43E10BBAD
--		--	20	--	--	--	09S43E11ACBB
5.00	S	10/28/1973	--	--	--	--	09S43E15CDAB
--		--	--	--	--	10.0	09S43E15DABC
4.00	S	10/28/1973	25 R	10/ /1973	--	10.0	09S43E21AADA
32.00	R	--	12 R	--	--	--	09S43E27AAAC
--		--	3 R	10/28/1973	1500	11.5	09S43E27CDCA
4.00	S	11/16/1973	--	--	--	--	09S43E29DBAB
2.00	R	--	10 V	06/10/1973	--	--	09S43E35BBCD
6.00	R	06/ /1975	10 V	06/ /1975	--	--	09S43E35CADC
287.00	SR	11/14/1973	--	--	5000	10.0	09S44E01ADAA
--		--	--	--	5100	10.5	09S44E07ADAA
10.00		10/20/1973	20 R	10/ /1973	--	--	09S44E10CBAD
26.00	R	11/17/1973	--	--	1500	9.0	09S44E11BDAA
25.00	S	10/27/1973	10 R	10/27/1973	--	--	09S44E20DCAA
20.00	R	01/ /1957	11 R	1957	--	9.0	09S44E27ABCB
23.00	R	09/ /1963	6 R	10/27/1973	--	11.0	09S44E28CDCD
15.00	R	1966	6 R	10/27/1973	--	--	09S44E33BADB
39.00	S	02/ /1974	--	--	--	--	09S45E03AADD
18.00	S	01/29/1974	10 R	01/29/1974	--	--	09S45E03ADCC
10.00	S	01/30/1974	--	--	--	--	09S45E03BAAA
--		--	--	--	--	--	09S45E04DCAB
17.00	S	01/30/1974	24 Z	01/30/1974	6500	7.0	09S45E05BBAA
--		--	6 R	11/19/1973	1500	11.0	09S45E07CCAD
--		--	--	--	--	--	09S45E09ABDA
--		--	15 E	01/29/1974	--	8.0	09S45E11BCDA
6.00	S	01/29/1974	--	--	--	--	09S45E11BCDA2
126.00	S	01/29/1974	--	--	--	--	09S45E12CBCC
49.00	S	01/29/1974	--	--	--	--	09S45E14BACB
--		--	10 R	01/31/1974	--	--	09S45E15CDAA
6.00	S	01/31/1974	25 R	01/31/1974	--	8.0	09S45E16AAAD
395.00	R	09/06/1967	6 R	09/06/1967	--	--	09S45E20ACCD
--		--	--	--	--	--	09S45E23DDCC
--		--	--	--	--	--	09S45E23DDCC2
200.00	R	09/06/1967	4 R	09/06/1967	--	--	09S45E27BBBB
100.00	R	09/06/1967	--	--	--	--	09S45E36CAAA
15.00	R	01/31/1974	--	--	5500	4.5	09S46E03AABB
--		--	--	--	--	--	09S46E03BCCC
118.00	S	02/05/1974	--	--	--	--	09S46E03DDDD
--		--	--	--	2700	10.5	09S46E04ACBC

Table 2.--Records of wells--Continued

LOCAL NUMBER	COUNTY	DEPTH OF WELL (FEET)	CASING DIAMETER (INCHES)	TYPE OF LIFT	TYPE OF POWER	USE OF WATER	PRINCIPAL AQUIFER	ALTITUDE OF LAND SURFACE (FEET)
09S46E05ABAB	075	180	4	--	--	U	125TGRV	3827
09S46E05BCBC	075	330	4	S	E	H	125TGRV	3815
09S46E05BCBD	075	302	2.5	S	E	S,H	125TGRV	3810
09S46E05DABD	075	165	4	P	W	S	125TGRV	3790
09S46E05DDAA	075	38	36	P	W	S	110ALVM	3790
09S46E05DDAA2	075	--	--	--	--	H	--	3790
09S46E06ADAD	075	76	60	S	E	S	125TGRV	3818
09S46E06ADDA	075	300	4	S	E	H	125TGRV	3828
09S46E06BCBD	075	53	60	P	W	S	125TGRV	3818
09S46E07DCBB	075	430	4	--	--	--	125TGRV	4025
09S46E07DCBB2	075	293	4	--	--	--	125TGRV	4025
09S46E07DDCA	075	135	4	P	G	S	125TGRV	3922
09S46E08BAC8	075	240	4	--	--	U	125TGRV	3967
09S46E09BAAD	075	120	4	--	--	U	125TGRV	3858
09S46E09DABB	075	110	4	--	--	U	125TGRV	3862
09S46E09DACC	075	40	--	P	E	S	125TGRV	3857
09S46E09DDAA	075	360	--	--	--	S	125TGRV	3910
09S46E11BDCC	075	160	4	S	E	S	125TGRV	3055
09S46E11CACA	075	175	4	P	E	S	125TGRV	3955
09S46E11CACD	075	250	4	--	--	U	125TGRV	3960
09S46E11CDDD	075	169	--	--	--	S	125TGRV	4050
09S46E12DAAA	075	160	--	--	--	S	125TGRV	4140
09S46E12DABA	075	18	--	S	E	S	125TGRV	4110
09S46E15CBDD	075	220	--	J	E	S	125TGRV	3920
09S46E15CCCA	075	360	--	--	--	S	125TGRV	3910
09S46E16BCCC	075	180	--	--	--	--	125TGRV	3890
09S46E17ADAD	075	112	--	P	W	S	125TGRV	3896
09S46E20BCAB	075	450	4	--	--	U	125TGRV	4154
09S46E28BAAD	075	435	--	--	--	U	125TGRV	4162
09S46E28BDCC	075	360	--	P	G	S	125TGRV	4157
09S46E29ABCD	075	56	42	--	--	U	124WSTC	4160
09S46E29CDAA	075	27	--	P	G	S	124WSTC	4159
09S46E29CDAA2	075	14	--	P	H	S	124WSTC	4165
09S46E35BCCC	075	130	--	--	--	S	125TGRV	3950
09S47E19BDCD	075	175	--	P	G	S	125TGRV	3904
09S47E30BDDD	075	255	4	--	--	J	125TGRV	3985
09S47E31CCCD	075	70	--	P	N	S	125TGRV	3786
09S48E01BBDB	075	100	--	P	W	S	125TGRV	3460
09S48E27DBCB	075	40	--	P	E	S	125TGRV	3556
09S49E24CCBC	075	147	4	S	E	H	125TGRV	3640
09S49E27DAAA	075	150	4	S	E	S	125TGRV	3708
09S50E19ADCA	075	400	--	S	E	H	125TGRV	3840
09S51E21DBBB	075	175	4	P	E	S	125TGRV	3560
09S51E30BDAA	075	121	4	P	W	S	125TGRV	3620
09S52E18BDBD	075	153	4	S	E	H,S	125TLCK	3440
10S42E01AADA	003	100	4	--	--	--	124WSTC	3920
10S42E06ABDD	003	182	--	--	--	--	124WSTC	3810
10S43E02AABA	003	302	3	P	E	--	125TGRV	3641
10S43E02AABD	003	36	--	--	--	--	125TGRV	3538
10S43E02AACB	003	109	4	S	E	--	125TGRV	3558
10S43E02ABDA	003	40	--	P	W	--	125TGRV	3630
10S43E02BAAA	003	305	--	P	G	--	125TGRV	3640
10S43E05BDBD	003	52	--	P	E	--	125TGRV	3720
10S43E06ABAC	003	161	--	P	W	--	125TGRV	3800

WATER LEVEL (FEET)		DATE WATER LEVEL MEASURED	DISCHARGE (GALLONS PER MINUTE)	DATE DISCHARGE MEASURED	SPECIFIC CONDUCTANCE (UHMOS/CM AT 25 °C)	TEMPERATURE (DEGREES C)	LOCAL NUMBER
81.20	S	06/17/1975	--	--	--	--	09S46E05A6AB
150.00	S	--	--	--	2200	9.0	09S46E05BCBC
111.80	S	03/17/1976	7 R	05/16/1974	1830	12.0	09S46E05BCBD
56.00	S	01/29/1974	--	--	4000	9.0	09S46E05DABD
7.00	S	01/29/1974	--	--	4700	6.5	09S46E05DDAA
--		--	--	--	--	--	09S46E05DDAA2
24.00	S	01/30/1974	--	--	4500	6.0	09S46E06ADAD
116.00	S	02/ /1974	--	--	2300	6.5	09S46E06ADDA
26.00	S	01/30/1974	--	--	4200	6.0	09S46E06BCBD
--		--	--	--	--	--	09S46E07DCBB
--		--	--	--	--	--	09S46E07DCBB2
62.00	S	02/ /1974	--	--	--	--	09S46E07DDCA
149.30	S	09/19/1975	--	--	--	--	09S46E08BACB
72.00	S	06/17/1975	--	--	--	--	09S46E09BAAD
93.80		06/17/1975	--	--	--	--	09S46E09DABB
23.00	S	02/05/1974	--	--	--	--	09S46E09DACC
260.00	R	09/06/1967	7 R	09/06/1967	--	--	09S46E09DDAA
67.00	S	02/03/1974	4 Z	02/03/1974	3000	10.0	09S46E11BDCC
106.00	S	01/31/1974	--	--	--	--	09S46E11CACA
123.00	S	01/31/1974	--	--	--	--	09S46E11CACD
85.00	R	09/06/1967	--	--	--	--	09S46E11CDDD
156.00	S	09/06/1967	7 R	09/06/1967	--	--	09S46E12DAAA
8.00	S	02/02/1974	--	--	5500	4.5	09S46E12DABA
60.00	R	02/05/1974	--	--	4000	8.0	09S46E15CBDD
260.00	R	09/06/1967	7 R	09/06/1967	--	--	09S46E15CCCA
90.00	R	09/06/1967	3 R	09/06/1967	--	--	09S46E16BCCC
75.00	S	02/05/1974	--	--	--	--	09S46E17ADAD
388.20	V	09/19/1975	--	--	--	--	09S46E20BCAB
290.40	V	--	--	--	--	--	09S46E28BAAD
247.00	S	02/05/1974	--	--	--	--	09S46E28BDCC
53.00	S	01/27/1974	--	--	4500	8.0	09S46E29ABCD
16.00	S	02/05/1974	--	--	--	--	09S46E29CDAA
12.00	S	02/05/1974	--	--	2300	--	09S46E29CDAA2
80.00	R	09/06/1967	3 R	09/06/1967	--	--	09S46E35HCCC
108.00	S	02/02/1974	--	--	--	--	09S47E19BDCD
129.00	S	02/03/1974	10 Z	02/03/1974	--	--	09S47E30BDDD
34.00	S	--	8 R	02/03/1974	--	--	09S47E31CCCD
38.60	SP	07/27/1976	7 V	07/27/1976	2200	11.0	09S48E01BBDB
33.70	SR	07/27/1976	4 V	07/07/1976	3000	9.5	09S48E27D3CB
82.80	SR	07/27/1976	--	--	1200	13.0	09S49E24CCBC
75.60	SR	07/27/1976	6 V	07/27/1976	3000	11.0	09S49E27DAAA
236.00	SR	07/22/1976	8 V	07/21/1976	730	12.0	09S50E19ADCA
66.40	SP	07/20/1976	3 V	07/20/1976	3600	10.5	09S51E21D3BB
24.20	SR	07/20/1976	1 V	07/20/1976	2360	12.0	09S51E30BDAA
85.00	SR	07/28/1976	6 V	07/28/1976	2700	13.5	09S52E18BDBD
55.00	S	11/15/1973	3 R	11/15/1973	2300	10.0	10S42E01AADA
91.00	S	10/15/1973	--	--	1350	10.0	10S42E06ABDD
--		--	16 R	10/29/1973	--	12.0	10S43E02AABA
8.00	S	10/29/1973	--	--	--	--	10S43E02AABD
18.00	S	10/29/1973	5 R	10/29/1973	--	12.0	10S43E02AACB
14.00	S	11/16/1973	--	--	--	--	10S43E02ABDA
30.00	S	10/29/1975	10	10/29/1973	--	10.0	10S43E02BAAA
33.00	S	11/16/1973	10 R	11/16/1973	--	--	10S43E05BDBD
35.00	S	11/15/1973	4	11/15/1973	--	--	10S43E06ABAC

Table 3.--Logs of wells and test holes

[Well numbering system described in text. Thickness is in feet. Depth is in feet below land surface]

	Thickness	Depth
08N50E05BDAA.--Drilled 7/61 by Higgins.		
Gumbo	20	20
Sand	5	25
Gravel	15	40
08N50E18BDBC.--Drilled 11/60 by Higgins.		
Topsoil and sand	15	15
Gravel	10	25
Clay	15	40
Rock	3	43
Clay	19	62
Coal	13	75
Clay	10	85
Coal	3	88
Shale	7	95
Rock	5	100
Shale	58	158
Sand	17	175
Clay	75	250
Sand	30	280
07N46E24ACBD.--Drilled 8/76. Driller unknown.		
Topsoil	33	33
Gravel	13	46
Gumbo	17	63
Rock	3	66
Gumbo	44	110
Sand	30	140
Gumbo	30	170
Sand	20	190
Gumbo	30	220
Rock	2	222
Gumbo	30	252
Rock	2	254
Gumbo	2	256
Rock	2	258
Gumbo	108	366
Rock	4	370
Sand	42	412
Gumbo	38	450
Sand	25	475
Gumbo	51	526
Sand	16	542
Gumbo	23	565
Sand (water)	50	615
Gumbo	5	620
07N47E09BAA.--Drilled 1/47. Driller unknown.		
Topsoil	10	10
Gravel	12	22
Gumbo	13	35
Sand	10	45
Gumbo	65	110
Sand	20	130
Gumbo	88	218
Rock	7	225
Gumbo	120	345
Sandy	20	365
Gumbo	95	460
Sand	20	480
Gumbo	65	545
Rock	1	546
Sand (water)	70	616
Gumbo	10	626

	Thickness	Depth
07N47E13BBCC.--Drilled 8/76. Driller unknown.		
Topsoil	1	1
Blue gumbo	179	180
Hard sand rock	3	183
Blue sand (water)	27	210
07N47E31CCAA.--Drilled 8/76. Driller unknown.		
Topsoil	2	2
Yellow clay	43	45
Rock	2	47
Gray gumbo	8	55
Sand (little water)	5	60
Gray gumbo	10	70
Mixed coal and dark gumbo	62	132
Rock	3	135
Dark gumbo	12	147
Rock	2	149
Sand (little water)	9	158
Rock	2	160
Gray gumbo	75	235
Water sand	40	275
Gumbo	10	285
06N46E04CDB.--Drilled 2/57 by R. Askin.		
Yellow clay	45	45
Sand and gravel	5	50
Gray gumbo	500	550
Soft sand rock (water)	95	645
06N46E04DCA.--Drilled 9/53 by R. Askin.		
Yellow clay	45	45
Sand and gravel	5	50
Gray gumbo	500	550
Soft sand rock (water)	70	620
06N46E12ABDA.--Drilled 7/48. Driller unknown.		
Sand and gravel	25	25
Yellow clay	10	35
Rock	3	38
Blue gumbo	20	58
Rock	1	59
Blue gumbo	142	201
Small coal vein	1	202
Blue gumbo	135	337
Sand (1.5 gal/min)	20	357
Blue gumbo	43	400
Sand with streak gumbo(water)	220	620
05N35E15AADA.--Drilled 7/76 by Hadland.		
Clay and eroded sandstone	45	45
Sandy shale	15	60
Hard shell, (water)	5	65
Shale	80	145
Gray sandstone	5	150
Shale	35	185
Gray sandstone	5	190
Very hard rock	2	192
Gray sandstone (water)	25	217
05N36E07ABDC.--Drilled 12/73 by Kelly Drilling.		
Clay	12	12
Shale	6	18

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
05N36E07ABDC.--Continued		
Clay	8	26
Shale	24	50
Sandstone	2	52
Fine sand	6	58
Sandstone	4	62
Sand	4	66
Shale	24	90
Sand (water)	12	102
Clay with shale rock	16	118
Shale	14	132
Clay	14	146
Sand (water)	2	148
Shale	12	160
05N36E10ACDA.--Drilled 12/73 by Kelly Drilling.		
Sandy clay	22	22
Sandstone	2	24
Clay	14	38
Sandstone (little water)	2	40
Clay	10	50
Sandstone, seepage	2	52
Clay	18	70
Shale	6	76
Sand (water)	2	78
Shale	24	102
Soft sandstone	24	126
Fine sand	2	128
Clay	36	164
Sand, clay	22	186
Sand	32	218
Clay	4	222
Shale	20	242
Sand (water)	26	268
Shale	12	280
05N45E13DDCB.--Drilled 11/76 by Higgins.		
Shale	22	22
Coal	3	25
Shale	111	136
Rock	2	138
Shale	197	335
Rock	3	338
Shale	127	465
Rock	5	470
Fine sand	30	500
Shale	20	520
Rock	4	524
Shale	32	556
Rock	14	570
White shale	45	615
Rock	2	617
Claystone	13	630
Sand	30	660
Shale	10	670
04N39E30DCAD.--Drilled 10/56 by Rosebud Drilling.		
Gravel	12	12
Clay	3	15
Sand	5	20
Hard rock	15	35
Sand (water)	9	44
Shale	29	73
Hard rock	2	75
Light shale	12	87

	Thickness	Depth
04N39E30DCAD.--Continued		
Hard rock	3	90
Sand (water)	5	95
Sandy shale	17	112
04N44E23ADCC.--Drilled 4/56 by Groom.		
Sandstone	10	10
Sand	7	17
Gravel (4 gal/min)	6	23
Shale	21	44
Light sand	16	60
Sand (60 gal/min)	4	64
Shale	3	67
Rock	1.5	68.5
Shale	9.5	78
04N44E24BADA.--Drilled 12/69 by Groom.		
Clay	6	6
Sandy	18	24
Soft sandy	4	28
Hard rock	2	30
Soft sandy	8	38
Quicksand	6	44
Gravel	2	46
Sand (25 gal/min)	10	56
Shale	5	61
04N44E24BBAB.--Drilled 10/59 by Groom.		
Clay	10	10
Muck	20	30
Gravel	3	33
Quicksand	7	40
Shale (water)	10	50
Shale	41	91
Coal	2	93
Shale	63	156
Sand (3 gal/min)	19	175
04N44E29CCAC.--Drilled 11/71 by R. Askin.		
Sand	25	25
Gumbo	55	80
Sand	25	105
Gumbo	2	107
04N44E32DDDA.--Drilled 10/71 by R. Askin.		
Gumbo	90	90
Sand	30	120
04N44E36AABA.--Drilled 4/66 by Groom.		
Sandy clay	23	23
Shale	13	36
Sandy clay	16	52
Hard rock	2	54
Sandstone	31	85
Sand (water)	18	103
04N48E20DBBC.--Drilled 9/66 by Higgins.		
Gumbo	10	10
Sand	8	18
Coal	1	19
Gravel	53	72
Clay	3	75

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
04N49E04ABCD.--Drilled 10/72 by Johnson.		
Topsoil and gravel	20	20
Gumbo	15	35
Gray rock	5	40
Gray sandstone	35	75
Black gumbo	10	85
Coal	20	105
Gray clay	40	145
Gray sandstone	10	155
Black shale	20	175
Sandstone	10	185
Shale	12	197
04N49E24DCDA.--Drilled 10/73 by Higgins.		
Sandrock	50	50
Coal	2	52
Clay	81	133
Sand	12	145
Clay	92	237
Sand	43	280
Clay	160	440
Sandrock	3	443
Clay	67	510
Sandrock	4	514
Clay	43	557
Sand (water)	60	617
Clay	8	625
04N50E19DBCD.--Drilled 8/76 by Higgins.		
Gumbo	45	45
Gray shale	30	75
Rock	2	77
Fine sand	13	90
Shale	102	192
Rock	3	195
Blue clay	30	225
Sand	55	280
04N50E30CCBB.--Drilled 8/76 by Higgins.		
Sand, shale, gravel	52	52
Blue clay	7	59
Coal	6	65
Gray shale	30	95
Coal	3	98
Gray shale	27	125
Coal	3	128
Clay	7	135
Rock	4	139
Clay	6	145
Coal	2	147
Light clay	27	174
Coal	3	177
Blue clay	73	250
Sand (water)	50	300
Blue clay	5	305
04N50E31CCAA.--Drilled 4/62 by Higgins.		
Gumbo	10	10
Gravel	30	40
Coal	3	43
Clay	10	53
Coal	9	62
Clay	6	68
Coal	2	70
Clay	20	90
Sand	20	110

	Thickness	Depth
03N38E32CBCC.--Drilled 3/75 by Amax Coal Co.		
Brown sandy clay	17	17
Brown sand	11	28
Yellow sand	15	43
Brown sand	12	55
Yellow sand	15	70
Brown clay	13	83
Green sandy clay	7	90
Gray sand	15	105
Gray clay	10	115
Gray sand	60	175
Silt	5	180
03N39E36BACD.--Drilled 9/58 by Groom.		
Soft sand and rock	12	12
Sticky shale	24	36
Black shale	18	54
Hard rock (water)	6	60
Black sticky shale	37	97
Black shale	8	105
Coal (water)	9	114
Shale, (1 gal/min)	25	139
Shale	13	152
Hard rock	2	154
Shale	9	163
Dark shale	16	179
Light shale	17	186
Sandy shale	13	199
Light shale	21	220
Hard rock	4	224
Sand (2 gal/min)	6	230
Dark shale	5	235
03N41E34BCAB.--Drilled 10/73 by Wailick.		
Sandy soil	20	20
Coal	8	28
Clay	112	140
Sand	22	162
Clay	149	311
Sand	34	345
Clay	2	347
Coal	21	368
Clay	13	381
Sand	25	406
Clay	77	483
Sand (water)	25	508
Coal (water)	3	511
Clay	4	515
03N42E34DBBC.--Drilled 10/60 by Bandy Drilling.		
Surface soil	17	17
Blue shale	139	156
Hard rock	3	159
Blue shale	103	262
Sand	6	268
Hard rock	2	270
Sand (water)	60	330
03N43E34BCBB.--Drilled 10/73. Driller unknown.		
Topsoil	5	5
Sandy clay	25	30
Sandstone	18	48
Sandy shale	19	67
Shale	7	74

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
03N43E34BCBB.--Continued		
Coal	1	75
Gray shale	30	105
Light shale	10	115
Brown sandstone	5	120
Coal (30 gal/min)	7	127
Shale	14	141
03N44E01CACA.--Drilled 12/60 by Groom.		
Topsoil	6	6
Sandstone	22	28
Hard rock	3	31
Shale	20	51
Coal	2	53
Shale	22	75
Light shale	73	148
Coal	2	150
Shale	71	221
Sandstone	13	234
Sand (water)	20	254
03N44E18AABA.--Drilled 8/69 by R. Askin.		
Brown sand	35	35
Scoria	3	38
Gumbo	92	130
Sand	20	150
Gumbo	9	159
03N44E24BBAA.--Drilled 7/61 by Bandy Drilling.		
Soil	8	8
Fine shale	62	70
Sandy shale	25	95
Fine shale	105	200
Sandy shale	70	270
Blue shale	50	320
Sand	5	325
Gray shale	49	374
Hard rock	2	376
Sand (water)	55	431
03N44E31CBDC.--Drilled 10/73. Driller unknown.		
Hardpan	4	4
Sand and clay	8	12
Sandstone	17	29
Coal	1	30
Green shale	30	60
Sandstone	7	67
Hard sand	5	72
Hard rock	4	76
Hard sand	19	95
Sandy (1.5 gal/min)	33	128
Coal	2	130
Hard rock	16	146
Gray shale	14	160
Hard rock	3	163
Light hard shale	22	185
Coal	4	189
Light sandy shale (4 gal/min)	6	195
Dark shale	10	205
03N46E12BADA.--Drilled 12/74 by R. Askin.		
Sand and gravel	15	15
Gumbo	23	38

	Thickness	Depth
03N46E12BADA.--Continued		
Coal	12	50
Gumbo	170	220
Streaks of sand and gumbo	20	240
Sand	60	300
Gumbo	5	305
03N48E27CABD.--Drilled 8/65 by Drane Drilling.		
Sandy clay	3	3
Yellow clay and coal streaks	9	12
Sticky gray shale	68	80
Rock	2	82
Sticky shale	23	105
Rock	1	106
Shale	14	120
Rock	2	122
Shale	13	135
Sandy shale	10	145
Rock	2	147
Shale and coal streaks	33	180
Rock	3	183
Shale	37	220
Rock	3	223
Shale	14	237
Rock	3	240
Shale	20	260
Sand	20	280
Shale	4	284
03N51E01DAAA.--Drilled 8/59 by Bandy Drilling.		
Surface soil	11	11
Sandstone	41	52
Blue shale	13	65
Coal	5	70
Blue shale	45	115
Hard rock	1	116
Blue shale	74	190
Hard rock	3	193
Sand (water)	77	270
03N51E36BCAD.--Drilled 6/61 by Bandy Drilling.		
Surface soil	35	35
Gravel	10	45
Sand	25	70
Blue shale	10	80
03N52E17DCBC.--Drilled 8/73 by R. Askin.		
Gumbo	80	80
Coal	5	85
Gumbo	15	100
Coal	5	105
Gumbo and streaks of sand	45	150
Sand	20	170
Gumbo	10	180
03N52E32CBBD.--Drilled 9/59 by Bandy Drilling.		
Surface soil	35	35
Blue shale	35	70
Sandstone (dry)	41	111
Blue shale	111	222
Sand (water)	23	245
Blue shale	15	260

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
02N37E08BDAD.--Drilled 9/64 by Folkerts.		
Topsoil	2	2
Sandy soil	19	21
Clay	15	36
Brown shale	5	41
Sand rock	12	53
Gray shale	9	62
Sand rock	23	85
Gray shale, coal	15	100
02N37E09BCAD.--Drilled 1/68 by Jones.		
Soil	6	6
Sand	9	15
Brown sandy shale	15	30
Gray shale	20	50
Not recorded	10	60
Gray sandy shale	5	65
Sand (water)	13	78
Gray shale	2	80
02N37E15DAAA.--Drilled 9/69 by Folkerts.		
Topsoil	3	3
Sandy soil	29	32
Quicksand	2	34
Clay	6	40
Brown shale, scoria, gravel (water)	3	43
Gray shale	10	53
Gray shale, coal	7	60
Sand, gray shale	23	83
Gray shale filled with gravel	19	102
02N38E07DCCC.--Drilled 9/58 by Hadland.		
Eroded sandstone, clay, and gravel	35	35
Very hard rock	5	40
Gravel mixed with clay	10	50
Gray sandstone	8	58
02N38E18DACD.--Drilled 3/75 by Amax Coal Co.		
Yellow sand	20	20
Brown sand	5	25
Yellow sand	15	40
Yellow sand and gravel	30	70
Brown siltstone	30	100
Gray siltstone	40	140
02N38E29DDCB.--Drilled 4/75 by Amax Coal Co.		
Brown sand	30	30
Gray silt	20	50
Gray sand	85.5	135.5
Black coal	16	151.5
Gray silt	47	198.5
Black coal	13	211.5
Black clay	1	212.5
Black coal	4	216.5
Gray silt	13.5	230
Gray sand	30	260
Gray silt	47	307
Black coal	9	316
Gray shale	9	325
02N38E29DDCB2.--Drilled 4/75 by Amax Coal Co.		
Brown sand	30	30
Gray silt	20	50
Gray sandstone	4	54
Gray sand	81.5	135.5
Black coal	17	152.5
Gray silt	47.5	200
Black coal	18.0	218
02N38E29DDCB3.--Drilled 4/75 by Amax Coal Co.		
Brown sand	28	28
Green silt	20	48
Green sandstone	5	53
Green sand	80.5	133.5
Coal	16.5	150
02N38E32CAAD.--Drilled 4/75 by Amax Coal Co.		
Not recorded	8	8
Yellow clay	5	13
Gray clay	2	15
Yellow clay	2	17
Sand and coal	4	21
Gray sandstone	13	34
Gray clay	7	41
Gray sandstone	5	46
Gray clay	7	53
Brown sandstone	4	57
Brown sand	11	68
Gray clay	43	111
Coal	2	113
Gray clay	10	123
Coal	17	140
02N39E03CDBB.--Drilled 9/56. Driller unknown.		
Topsoil	4	4
Sand	16	20
Sandstone	71	91
Sand (water)	7	98
Coal	4	102
Shale	1	103
Coal	1	104
Shale	9	113
02N39E12CCCD.--Drilled 9/28 by Burkeholder.		
Topsoil	8	8
Sandrock	43	51
Sandy (20 gal/min)	20	71
02N39E12CCDB.--Drilled 9/60. Driller unknown.		
Sandy dirt	10	10
Gravel and black muck	3	13
Blue sandrock	4	17
Sand (35 gal/min)	3	20
02N39E16ACDD.--Drilled 9/47 by Buell-Edlund Drilling.		
Surface	9	9
Sand and gravel	22	31
Blue shale	8	39
Sandrock	4	43
Sandy clay	38	81
Sandrock	9	90
Blue sandy clay	10	100

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
02N39E24CDAB.--Drilled 9/47 by Buell-Edlund Drilling.		
Sandy clay and loose rock-----	54	54
Coal----------	10	64
Sandrock----------	74	138
Shale----------	2	140
02N39E25ACDC.--Drilled 9/64 by Groom.		
Sandy----------	16	16
Coal----------	9	25
Shale----------	19	44
Hard rock----------	3	47
Light shale (1 gal/min)-------	11	58
Shale----------	12	70
Coal----------	7	77
Hard shale----------	6	83
Sandy shale----------	29	112
Light shale----------	8	120
Sandy (3.5 gal/min)----------	8	128
Shale----------	8.5	136.5
02N40E06CBDB.--Drilled 9/58 by Groom.		
Sandy----------	8	8
Sandrock----------	54	62
Sandy shale----------	22	84
Sand (7 gal/min)----------	7	91
Coal----------	4	95
Shale----------	9	104
02N40E07BDCB.--Drilled 9/60 by Groom.		
Clay----------	10	10
Sandy clay----------	8	18
Brown sandrock----------	47	65
Blue shale----------	15	80
Sandrock (water)----------	15	95
Sandstone (water)----------	33	128
02N41E02DBBA.--Drilled 3/56. Driller unknown.		
Sand----------	54	54
Coal----------	3	57
Shale----------	33	90
Rock----------	1	91
Shale----------	5	96
Rock----------	1	97
Sandy shale----------	62	159
Sandrock----------	48	207
Sand (water)----------	19	226
Shale----------	11	237
02N41E10ECBC.--Drilled 9/64. Driller unknown.		
Topsoil----------	10	10
Sandy clay----------	3	13
Sandstone----------	37	50
Sand and scoria----------	35	85
Black shale and scoria--------	15	100
Black shale and sand----------	10	110
Black shale and scoria--------	12	122
Sandstone----------	1	123
Sandy clay----------	18	141
Hard sandstone----------	1	142
Black sand and sandstone------	8	150
02N42E04DACA.--Drilled 9/60. Driller unknown.		
Surface soil----------	15	15
Clay----------	23	38

	Thickness	Depth
02N42E04DACA.--Continued		
Soapstone----------	24	62
Sand----------	18	80
Shale----------	5	85
Sand----------	10	95
Shale----------	7	102
02N42E23CCCA.--Drilled 6/56. Driller unknown.		
Topsoil----------	3	3
Sandstone----------	17	20
Gravel----------	6	26
Water (1/2 gal/min)----------	7	33
Shale----------	57	90
Sandstone----------	13	103
Shale----------	3	106
Coal----------	2	108
Brown shale----------	19	127
Water, 19 gal/min----------	57	184
Sand (water)----------	6	190
02N43E02ABBD.--Drilled 10/73. Driller unknown.		
Surface soil----------	9	9
Blue shale----------	95	104
Hard rock----------	2	106
Blue shale----------204		310
Sand (water)----------	65	375
Blue shale----------	15	390
02N43E04CDAA.--Drilled 9/47. Driller unknown.		
Surface----------	15	15
Sand and gravel----------	16	31
Blue shale----------	47	78
Sand rock----------	15	93
Blue shale----------	9	102
Coal----------	6	108
Gray shale and lime stringers-	28	136
Gray shale----------	28	164
Gray shale and limestone------	12	176
Sandrock (soft water)---------	36	212
Gray shale----------	8	220
02N43E16AA.--Drilled 5/56. Driller unknown.		
Topsoil----------	5	5
Clay----------	27	32
Gravel----------	16	48
Sand----------	3	51
02N43E17AACC.--Drilled 7/58. Driller unknown.		
Topsoil ----------104		104
Light shale and coal----------	50	154
Hard shale and coal----------	84	238
Hard rock----------105		343
Sandy (water)----------	3	346
02N43E28ABBD.--Drilled 2/65 by E. Folkerts.		
Topsoil----------	8	8
Clay----------	35	43
Quicksand and gravel (hard water)----------	7	50
Gray shale----------	37	87
Coal and shale----------	9	96
Gray shale----------	31	127
Brown shale----------	18	145
Sandrock----------	15	160

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
02N43E28CAAC.--Drilled 5/61. Driller unknown.		
Clay	10	10
Red clay and gravel	15	25
Green shale	25	50
Gray sand	15	65
Water	--	65
Blue shale	10	75
02N44E17CABC.--Drilled 3/62. Driller unknown.		
Sandy clay	24	24
Coal	6	30
Sandstone	30	60
Shale	24	84
Coal	3	87
Shale	34	121
Hard rock	3	124
Shale	71	195
Sandstone	12	207
Sand (water)	9	216
Hard rock	2	218
Shale	10	228
02N44E23DCBA.--Drilled 7/59 by C. M. Turner.		
Soil	10	10
Red sandy shale	30	40
Red sandy clay	10	50
Coal	10	60
Sandy clay	10	70
Green shale	12	82
Sandstone, gray shale (water)	11	93
Hard rock	3	96
Light-gray shale	17	113
Dark-brown shale and coal	8	121
Sand (10 gal/min)	5	126
Blue shale	11	137
02N47E12BACA.--Drilled 10/63 by Bandy Drilling.		
Surface soil	3	3
Dark shale	211	214
Sand	25	239
Blue shale	11	250
02N47E22BDBD.--Drilled 5/58 by Bandy Drilling.		
Surface soil	7	7
Blue shale	33	40
Hard rock	6	46
Blue shale	92	138
Sandstone	22	160
Blue shale	40	200
Sand (water)	30	230
02N48E02BABA.--Drilled 9/63 by Drane Drilling.		
Sandy mixed with red shale	10	10
Red shale and gravel, thin coal streaks	18	28
Yellow sand, coal streaks	32	60
Blue sand (water)	12	72
Blue shale	10	82
02N51E11ADBB.--Drilled 8/76. Driller unknown.		
Topsoil	16	16
Gravel and quicksand	22	38
02N51E11ADBB.--Continued		
Shale	64	102
Coal	3	105
Shale	13	118
Coal	2	120
Shale	38	158
Coal	1	159
Sand (water)	2	161
Shale	3	164
01N36E22AADA.--Drilled 9/72 by Westmoreland Coal Co.		
Sandstone, dark-yellowish-gray, very fine to fine-grained, friable to weakly consolidated	20	20
Sandstone, orange-yellow, fine-grained, moderately firm, some iron-stained concretions	10	30
Sandstone, yellow-gray, fine- to medium-grained, friable, fairly clean (water zone)	40	70
Sandstone, gray, fine- to medium-grained, moderately argillaceous (water zone)	5	75
Shale, medium-gray, silty to sandy, weakly consolidated	5	80
Shale, dark-greenish-gray to dark-gray, silty, moderately firm	10	90
Shale, dark-greenish-gray, firm, brittle	10	100
01N37E08CCAD.--Drilled 9/72 by Westmoreland Coal Co.		
Soil, dark-yellow, clay and silt mixture with clinker gravel of 1/2 to 1 inch, angular to subangular	10	10
Soil as above becoming dark-green to dark-yellow with less clinker fragments, plastic	10	20
Gravel, fine clinker, and coal fragments 1/10 to 1/8 inch; some 1/2 inch fragments shale, dark-gray, silty, moderately firm	10	30
Gravel as above with clinker to 3/4 inch angular; matrix of clay and silt (water zone)	10	40
Shale, dark- to medium-greenish-gray, moderately silty, firm (water zone)	10	50
Shale as above and dark-green to dark-brown firm shale	10	60
Silt, light-brownish-gray, moderately argillaceous, firm	10	70
Silt, as above, with dark-brown carbonaceous firm shale and black glossy medium hard coal	10	80
Silt, dark-to light-brownish-gray, moderately argillaceous, firm	10	90
Silt, as above	10	100

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
01N37E18BABC.--Drilled 9/67 by C. T. Reid.		
Sandy soil	29	29
Clay	5	34
Coal	2	36
Gray shale	4	40
Sandstone	32	72
Blue shale	3	75
Sandstone (water)	52	127
Blue shale	3	130
01N38E05DABC.--Drilled 4/75 by Amax Coal Co.		
Yellow sand	10	10
Gray clay	3	13
Red clay	4	17
Red brown	32	49
Coal	5	54
Yellow sand	16	70
Brown sand	8	78
Gray sand	24	102
Coal (water)	11	113
Brown mudstone	1	114
Coal (water)	4	118
Gray sandy clay	2	120
01N38E05DBAD.--Drilled 4/75 by Amax Coal Co.		
Yellow sand (surface)	10	10
Brown clay	7	17
Gray sandstone	1	18
Gray clay	4	22
Black coal	2	24
Gray coal	6	30
Coal	18	48
Gray clay	7	55
Gray sandstone	27	82
Coal	17	99
Gray clay	4	103
Gray sandstone	2	105
Gray clay	6	111
Gray sandstone	2	113
Gray sand	27	140
Gray clay	15	155
Gray sandstone	2	157
Gray clay	11	168
Gray sandstone	9.5	177.5
Coal	17.5	195
Gray sand	63	258
Gray clay	2	260
01N38E19CDDB.--Drilled 9/62 by C. Jones.		
Brown sandy soil	25	25
Coal	5	30
Coal and shale (water)	10	40
Brown shale	8	48
Hard shell	2	50
Light-gray shale	15	65
Hard shell	5	70
Light-gray shale	5	75
Gray shale	10	85
Coal (water)	15	100
Gray shale	15	115
01N38E36BBCB.--Drilled 9/71 by F. Cass.		
Yellow clay	11	11
Coal	1	12
Yellow clay and sandstone	90	102
Coal	63	165
Coal and sandstone	15	180
Coal	13	193
01N39E19CAAB.--Drilled 10/73 by F. Cass.		
Soil	3	3
Yellow clay	16	19
Coal	6	25
White shale	33	58
Sand	10	68
01N39E26ABBB.--Drilled 9/62 by B. Groom.		
Not recorded	108	108
Shale	5	113
Hard rock	2	115
Shale	5	120
Coal (3/4 gal/min)	2	122
Shale	51	173
Hard rock	4	177
Dark shale	29	206
Sandstone (1.5 gal/min)	12	218
Hard rock	2	220
Black shale	18	238
Coal	4	242
Black shale	18	260
Shale	55	315
Coal (2 gal/min)	9	324
Gray shale	5	329
Light shale	26	355
Gray shale	20	375
01N41E22ABCC.--Drilled 8/73 by Peabody Coal Co.		
Sandy shale	0.9	0.9
Sand	22.8	23.7
Sandstone	83.1	106.8
Shale	1.4	108.2
Coal	25.7	133.9
Sandstone	2.8	136.7
Sandy shale	6.8	143.5
Sandstone	4.4	147.9
Sandy shale	7.8	155.7
Coal	7.3	163
Shale	1.0	164
01N41E22DBAB.--Drilled 8/73 by Peabody Coal Co.		
Sand	48	48
Sandstone	58	106
Shale	1	107
Coal	27.2	134.2
Shale	0.8	135
01N41E23BCDB2.--Drilled 9/73 by Peabody Coal Co.		
Clay	5	5
Sandy clay	1	6

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
01N41E23BCDB2--Continued		
Sandstone	12	18
Sandy shale to sandstone	6.4	24.4
Hard shale and sand	2.3	26.7
Sandy shale	3.3	30
Sand (damp)	25	55
Sandy shale	5	60
01N41E23CBAB.--Drilled 9/73 by McCullough.		
Sandy shale	2	2
Sand	3	5
Sandstone	40	45
Sandy shale with gray sandstone	15	60
Sandstone (damp)	5	65
Sandy shale	15	80
01N41E23CBBA.--Drilled 12/73 by H & H Drilling.		
Topsoil	7	7
Brown sandstone	57.7	64.7
Gray shale	36.3	101
Dark shale	4	105
Gray shale	51.8	156.8
Coal	5	161.8
Gray shale	19.7	181.5
Gray sandy shale	4.5	186
Gray shale	2	188
Gray sandy shale	48.5	236.5
Gray shale	7	243.5
Coal	1.3	244.8
Gray sand	52.2	297
01N41E26ECAB.--Drilled 9/48 by B. Colts.		
Topsoil	19	19
Gravel	9	28
Clay	9	37
Coal	2	39
Clay	107	146
Sand	49	195
01N42E10CCDC.--Drilled 9/64 by E. Folkerts.		
Topsoil	10	10
Scoria and clay	10	20
Scoria and gravel (water)	8	28
Sandrock (water)	12	40
Gray shale	5	45
01N42E19DBBA.--Drilled 9/58. Driller unknown.		
Sandy surface	22	22
Gravel	8	30
Black shale	11	41
Coal	5	46
Gray shale	1	47
01N42E25EBCC.--Drilled 9/59. Driller unknown.		
Topsoil	20	20
Sandy clay	22	42
Quicksand	11	53
Light shale	13	66
Sand (water)	14	80
Light shale	12	92
Sandy (water)	6	98
Shale	9	107
01N42E34AABA.--Drilled 6/77 by Barrus.		
Topsoil and clay	12	12
Sand and gravel	44	56
Gray siltstone	48	104
Gray shale	4	108
Gray sandstone (water)	9	117
01N43E18DDBA.--Drilled 9/41. Driller unknown.		
Sand	20	20
Sand and gravel	40	60
Sandrock	1	61
Sand (water)	33	94
01N43E25BBDC.--Drilled 9/59. Driller unknown.		
Topsoil	20	20
Sandy clay	22	42
Quicksand	11	53
Light shale	13	66
Sand (water)	14	80
Light shale	12	92
Sandy (water)	6	98
Shale	9	107
01N43E31BADC.--Drilled 7/60. Driller unknown.		
Topsoil	2	2
Hard rock	3	5
Sandrock	38	43
Light shale	27	70
Black shale	14	84
Gray shale	30	114
Sandstone	58	172
Light shale	33	205
Water	7	212
Shale	8	220
01N44E01CBBD.--Drilled 2/56. Driller unknown.		
Dirt	10	10
Quicksand	14	24
Scoria	22	46
Shale	34	80
Sand (water)	6	86
Shale	10	96
Sand (water)	20	116
Hard rock	3.5	119.5
Sand (3/4 gal/min)	13.5	133
Shale	60	193
Coal	2	195
Shale	16	211
Hard rock	35	246
Shale	29	275
Coal	1.5	276.5
Shale	7.5	284
Sandy (1/4 gal/min)	3	287
Shale	64	351
Coal	8	359
Shale	4	363
Coal	3	366
Shale	22	388
Hard rock	4	392
Brown sandy	14	406
Gray sand (2 gal/min)	21.5	427.5
01N46E30BCCB.--Drilled 7/57 by I. C. Bond.		
Yellow clay	18	18
Gravel	3	21

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
01N46E30BCCB.--Continued		
Gumbo	9	30
Coal	18	48
Sandy clay	4	52
Rock	3	55
Sandrock	5	60
Blue clay	12	72
Gumbo	8	80
Coal (some water)	10	90
Sand (more water)	7	97
Gumbo	13	110
01N47E20AADC.--Drilled 10/52 by Bandy Drilling.		
Surface soil	10	10
Gravel	10	20
Yellow clay	10	30
Sandstone	20	50
Coal	10	60
Hard rock	10	70
Sand	20	90
Blue shale	10	100
Not recorded	12	112
01N47E20ACDC.--Drilled 3/74 by R. Askin.		
Gumbo	60	60
Coal	10	70
Gumbo	40	110
Sand	25	135
Gumbo	5	140
01N47E23DBDD.--Drilled 9/66 by Briant Drilling.		
Gray clay	8	8
Brown clay and trace of coal	3	11
Gray clay	15	26
Coal	8	34
Gray clay	22	56
Coal	1	57
Gray clay	41	98
Trace of coal (water)	1	99
Gray sand	18	117
Trace of coal (water)	1	118
Gray clay	2	120
01N47E27CACD.--Drilled 2/74 by R. Askin.		
Gumbo	60	60
Coal	15	75
Gumbo	15	90
Sand	10	100
Coal	10	110
Gumbo	10	120
01N47E28DDAD.--Drilled 9/48 by Edlund.		
Surface	27	27
Yellow clay	6	33
Rock	4	37
Blue shale	34	71
Soft rock	3	74
Sand	23	97
Coal	4	101
Sand	5	106
Coal	6	112
01N47E35ABCC.--Drilled 5/55 by Bandy Drilling.		
Surface soil	20	20
Coal	10	30

	Thickness	Depth
01N47E35ABCC.--Continued		
Blue shale	10	40
Sand (water)	20	60
Blue shale	30	90
01N48E22ACBB.--Drilled 5/68 by E. Drane.		
Topsoil	2	2
Yellow clay	18	20
Clay and sandrock	10	30
Blue shale	10	40
Rock	1	41
Blue shale	45	86
Rock	2	88
Blue shale and coal streaks	41	129
Blue sand	23	152
Shale with coal	14	166
Sand	31	197
Shale	6	203
01N49E18EDAA.--Drilled 7/32 by Mackin.		
Yellow clay	38	38
Scoria	4	42
Yellow clay	4	46
Rock (1 gal/min)	6	52
Gray shale	8	60
Black shale	22	82
Coal	2	84
Gray shale	26	110
Sandrock (water)	4	114
01N49E26CEBD.--Drilled 10/57 by Bandy Drilling.		
Surface soil	12	12
Yellow clay	28	40
Blue shale	2	42
Coal	37	79
Blue shale	15	94
Hard rock	2	96
Sandstone	64	160
Blue shale	11	171
Sand (water)	51	222
Coal and shale	8	230
01N49E36ADAD.--Drilled 10/66 by E. Drane.		
Sandy	25	25
Blue clay	20	45
Brown clay	11	56
Brown sand and clay	28	84
Coal	6	90
Yellow clay	6	96
Gray sand and clay streaks	24	120
Sand (water)	40	160
Clay and coal streaks	2	162
01N50E22DADB.--Drilled 8/46. Driller unknown.		
Brown clay and sand	5	5
Brown clay	20	25
Blue clay	15	40
Coal	2	42
Blue clay	53	95
Sand and rock	16	111
01N50E32BAAA.--Drilled 9/62 by Higgins.		
Not recorded	12	12
Gravel	31	43

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
01N50E32BAAA.--Continued		
Clay	2	45
Rock	6	51
Clay	5	56
Coal	63	119
Clay	41	160
Sand (boiled dry)	30	190
Shale	20	210
Sand (boiled dry)	23	233
Shale	5	238
Coal	27	265
Shale	5	270
Rock	30	300
Sand	5	305
Shale	0	305
01N52E14CCCB.--Drilled 8/75 by Askin.		
Sand and gravel	22	22
Gumbo	118	140
Streaks of sand	40	180
Gumbo	150	330
Sand	50	380
Gumbo	20	400
Sand	40	440
01N52E26CDAA.--Drilled 8/76. Driller unknown.		
Brown sand and gravel	15	15
Coal	5	20
Dry sand	20	40
Gumbo	20	60
Coal	5	65
Sand	20	85
Gumbo	5	90
01S37E01BAAD2.--Drilled 9/54. Driller unknown.		
Brown sandy shale	48.5	48.5
Gray sandy shale	19.7	68.2
Coal	2.5	70.7
Gray shale	13.5	84.2
Dark shale with coal streaks	2.2	86.4
Gray shale	9	95.4
Hard rock	2.4	97.8
Gray shale	7.5	105.3
Coal	5.7	111
Gray shale	5.5	115.5
Not recorded	44.5	160
01S41E23BACB.--Drilled 9/65 by Groom.		
Sand and gravel	8	8
Sandy	22	30
Mucky	6	36
Gravel	13	49
Shale	11	60
Sandy	15	75
Coal	9	84
Shale	10	94
Sandy shale	16	110
Dark shale	2	112
Coal	10	122
Hard shale	3	125
Sandy shale	36	161
Hard rock	4	165
Shale, hard	61	226
Sandy (50 gal/min)	22	248
01S42E03BBDD.--Drilled 9/46. Driller unknown.		
Surface soil	12	12
Sand and gravel	39	51
Sandrock	45	96
Gray shale	11	107
Rock	4	111
Sandrock	94	205
Gray shale	5	210
01S42E05ADBB.--Drilled 9/48 by B. Colts.		
Sandy loam	30	30
Sand	25	55
Shale	65	120
Sand	15	135
01S42E09ACDD.--Drilled 9/59. Driller unknown.		
Surface soil	28	28
Sandstone	39	67
Blue shale	6	73
01S45E01CABB.--Drilled 9/70 by H. Jones.		
Soil	24	24
Silt	7	31
Red shale	8	39
Coal	8	47
Gray shale	36	83
Coal	13	96
Gray shale	13	109
Hard rock	2	111
Brown shale	27	138
Sandstone	54	192
Gray shale	10	202
01S45E11CBBA.--Drilled 8/66 by Bandy Drilling.		
Surface soil	28	28
Gravel	24	52
01S46E36CDCD.--Drilled 9/63 by Bandy Drilling.		
Soil	25	25
Gray shale	64	89
Sandstone	141	230
01S47E11DDDD.--Drilled 9/66 by Briant Drilling.		
Gray topsoil	10	10
Dark clay	16	26
Trace of coal	1	27
Gray shale	43	70
Dark shale	61	131
Coal	11	142
Blue shale	8	150
Sand (water)	10	160
01S47E18BBDD.--Drilled 8/71 by Askin.		
Soil	20	20
Red shale	25	45
Clinker	5	50
Not recorded	40	90
Gumbo	30	120
Coal	15	135
Gumbo	120	255
Sand (10 gal/min at 300 ft)	60	315

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
01S47E22DBAB.--Drilled 10/40. Driller unknown.		
Sandy loam	14	14
Sandy yellow clay	4	18
Soft broken rock	2	20
Gray shale	40	60
Sandstone	35	95
01S47E23DDAD.--Drilled 3/36. Driller unknown.		
Yellow sandy loam	35	35
Gravel, sand (water)	25	60
01S47E26CBBB.--Drilled 6/75 by Askin.		
Gravel	60	60
Sand	50	110
Coal	20	130
Sand	50	180
Gumbo, streaks of coal	220	400
Gumbo	100	500
Sand	80	580
01S47E27DBBD.--Drilled 4/64 by Bandy Drilling.		
Soil	3	3
Gravel	35	38
Blue shale	6	44
Sandstone (water)	16	60
01S47E28ACCD.--Drilled 2/74 by Askin.		
Sand and scoria	30	30
Gumbo	30	60
Sand	10	70
Coal	10	80
Gumbo	100	180
Sand	60	240
01S47E34AACD.--Drilled 2/74 by Askin.		
Scoria	40	40
Gumbo	15	55
Coal	25	80
Gumbo	5	85
Coal	10	95
Gumbo	5	100
01S48E20DCAC.--Drilled 9/71 by Jones.		
Surface soil	28	28
Soft sandstone	70	98
Gray shale	15	113
01S48E24CACD.--Drilled 5/71 by Drane Drilling.		
Yellow sandy clay	30	30
Blue clay	15	45
Coal	3	48
Blue clay with coal streaks	34	82
Blue sand	13	105
Blue shale with coal streaks	57	162
Blue sand	19	181
Blue shale	37	218
Blue sand	34	252
Sandy shale	8	260
01S49E18ADAC.--Drilled 12/40 by Mackin.		
Yellow sandy loam	18	18
Sand and gravel (water)	11	29
01S49E18ADAC.--Continued		
Soft yellow sandstone	49	78
Brown shale	2	80
Soft leval	1	81
Gray sandy shale	24	105
Sandstone (hard water)	22	127
Hard gray rock	3	130
Brown fine-grained sandstone	3	133
Hard gray rock	3	136
Gray fine-grained sandstone	9	145
Rock	3	148
Sandstone	6	154
Hard rock	1	155
Hard gray sandstone	7	162
Hard rock	1	163
Gray sandy shale	22	185
Brown sandy shale	5	190
Hard gray shale	26	216
Brown and black shale	18	234
Hard rock	1	235
Gray and black shale	23	258
Sandstone (soft water)	2	260
Leval (soft water)	5	265
Sandy gray shale	5	270
01S49E31BDCC.--Drilled 9/61 by Aye.		
Clay	30	30
Gravel	20	50
01S50E8AAAD.--Drilled 7/76 by Drane Drilling.		
Yellow clay, gravel	10	10
Yellow clay	5	15
Coal	12	27
Blue shale	3	30
Yellow sand	10	40
Blue sand	27	67
Blue shale	13	80
01S50E30ACBB.--Drilled 9/59 by Janssen.		
Surface	2	2
Yellow clay	16	18
Sand	8	26
Gravel	2	28
Gray clay	8	36
Coal	3	39
Blue clay	19	58
Sand	8	66
Gray clay	26	92
Sand	18	110
01S50E33CDCC.--Drilled 12/63 by Drane Drilling.		
Clay	10	10
Sandrock	15	25
Hard rock	3	28
Sand, shale, and coal mixed	84	112
Coal	4	116
Shale	4	120
Sand	35	155
Shale, coal streaks	15	170
Sandrock (water)	130	300
Shale	9	309
01S51E27BBCC.--Drilled 10/65 by Drane Drilling.		
Topsoil	5	5
Clay	5	10

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
01S51E27BBCC.--Continued		
Gravel	7	17
Shale	83	100
Sand (water)	35	135
01S51E34ABCC.--Drilled 1/59 by Bandy Drilling.		
Surface soil	12	12
Gravel	16	28
Blue shale	93	121
Sand (water)	21	142
Blue shale	8	150
02S41E17BAA.--Drilled 9/69 by Simpson Drilling.		
Scoria	25	25
Scoria, coal, and sand	21	46
Gray sandy shale	4	50
Gray shaly sandstone	20	70
Gray sandstone	1.5	71.5
02S41E17CCD.--Drilled 9/67 by Bandy Drilling.		
Surface soil	18	18
Gravel	45	63
02S41E19DAA.--Drilled 9/68 by U.S. Geological Survey.		
Sand, dry, silty, and clayey to pebbly medium sand, damp	12	12
Sand, medium, pebbly, slightly clayey, damp	8	20
Clay, sandy, pebbly, wet	4	24
Clay, very sandy, pebbly, wet	6	30
Sand, pebbly, dark-brown, very pebbly at 38, 44, and 53 ft, saturated	27	57
Sandstone, soft (slow drilling, no returns)	7	64
Shale	14	78
Sandstone, hard	--	78
02S41E20BBC.--Drilled 9/67 by Bandy Drilling.		
Surface soil	19	19
Sand and gravel	24	43
Gravel	20	63
02S41E20CBB.--Drilled 9/68 by U.S. Geological Survey.		
Sand, very fine, clayey with pea-sized clinker fragments	8	8
Sand, fine, with minor amounts 1/4-inch pebbles of clinker, slightly clayey, dry	16	24
Sand	2	26
Clay, gray	2	28
Clay, brown, moist	2	30
Sand, fine to medium, clayey, brownish-gray-saturated; little clay below 46 ft; bluish-gray below 45 ft; small amount of gravel at 69 ft and below	48	78
Sandstone	--	78
02S42E01CACC.--Drilled 9/67. Driller unknown.		
Scoria	33	33
Clay	4	37
Shale	28	65
Hard shale	15	80
Light shale	20	100
Sandy shale	29	129
Shale	1	130
Coal	24	154
02S44E27ADCC.--Drilled 9/53 by Drane Drilling.		
Sandy topsoil	10	10
Gravel	60	70
Shale	8	78
Rock	7	85
Shale	15	100
Coal	3	103
Rock	5	108
Shale	12	120
Sandy shale	63	183
Shale	22	205
Coal	5	210
Shale	15	225
Sand	55	280
Shale and coal	60	340
Shale	42	382
Sand (4 gal/min)	24	406
Shale	6	412
02S45E17CBBD.--Drilled 7/60 by Bandy Drilling.		
Clay	11	11
Shale	12	23
Sand	37	60
Hard rock	2	62
Sand (2.5 gal/min)	48	110
Shale	38	148
Hard rock	5	153
Sandstone (25 gal/min)	63	216
Coal	14	230
02S46E05AACB.--Drilled 7/49. Driller unknown.		
Surface	13	13
Clinker	33	46
Coal	9	55
Gray sandy shale	13	68
Rock	5	73
Sand	57	130
02S46E36CBBB.--Drilled 1/63 by Bandy Drilling.		
Subsoil	12	12
Gravel	16	28
Sandy shale	37	65
Hard rock	2	67
Clay	37	104
Sand	20	124
Hard rock	2	126
Sand	32	158
Blue shale (water)	22	180
02S47E10DADB.--Drilled 1/64 by Bandy Drilling.		
Soil	6	6
Blue shale	40	46

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
02S47E10DADB.--Continued		
Hard rock	1	47
Blue shale	21	68
Sand	11	79
Blue shale	53	132
Sand	8	140
Blue shale	76	216
Sand (water)	64	280
02S48E19BCCA.--Drilled 4/76. Driller unknown.		
Soil	16	16
Gravel	16	32
Blue shale	61	93
Hard rock	1	94
Blue shale	62	156
Sandstone (water)	54	210
Gray shale	10	220
02S49E26AACA.--Drilled 1/56. Driller unknown.		
Surface soil, yellow clay	18	18
Gray shale	19	37
Coal	31	68
Blue shale	16	84
Sandstone	7	91
Gray shale	4	95
Hard rock	1	96
Gray shale	69	165
Sand (water)	25	190
Coal	6	196
Gray shale	4	200
02S50E04DDBB.--Drilled 12/65 by Drane Drilling.		
Sandy clay	4	4
Yellow sand, clay	46	50
Sand, clay, coal	15	65
Blue clay, coal, sand	90	155
Sand, shale streaks	25	180
Shale, thin sand, coal streaks	50	230
Coal	8	238
Shale	4	242
Rock	2	244
Blue shale	18	262
02S50E08AADA.--Drilled 6/66 by Bryan.		
Surface soil	18	18
Blue shale	9	27
Sandstone	14	41
Sandy shale	34	75
Coal	5	80
Blue shale	17	97
Hard rock	4	101
Sandy shale	18	119
Sand (3 gal/min)	6	125
Blue shale	23	148
Sandstone	11	159
Gray shale	6	165
02S50E17BADC.--Drilled 6/52 by Bandy Drilling.		
Yellow sand	10	10
Blue shale	50	60
Gray shale	10	70
Water sand	80	150
Blue shale	50	200
02S50E17BCDC.--Drilled 5/56 by Bandy Drilling.		
Surface soil	18	18
Gravel	6	24
Blue shale	14	38
Sandy shale	7	45
Blue shale	10	55
Hard rock	8	63
Sand (water)	17	80
02S50E17BDBA.--Drilled 11/42 by Bandy Drilling.		
Yellow sand	10	10
Blue shale	50	60
Gray shale	10	70
Sand (water)	82	152
02S50E32CDAC.--Drilled 1/48 by Drane Drilling.		
Sand	25	25
Sandrock	20	45
Blue shale	40	85
Sand (water)	20	105
Blue shale	20	125
Sand (water)	15	140
02S50E34CCBD.--Drilled 4/63 by Bandy Drilling.		
Surface soil	16	16
Sandstone	84	100
Blue shale	8	108
Not recorded	2	110
02S51E21ACBB.--Drilled 8/76. Driller unknown.		
Surface	16	16
Yellow clay	22	38
Blue shale	36	74
Hard rock	3	77
Sand (water)	48	125
Blue shale	11	136
03S39E29DDCA.--Drilled 6/67 by Bandy Drilling.		
Surface soil	12	12
Sandy silt	43	55
Gravel	15	70
03S40E7CCA.--Drilled 6/64 by Simpson Drilling.		
Brown sandy clay	35	35
Muddy gray sandy clay	9	44
Brown sand, clay	7	51
Hard shell	3	54
Gray shaly sandstone	20	74
Hard shell	10	84
Sandstone, shaly, gray	3	87
Shale, gray	8	95
Hard shell	10	105
Gray sandy shale	5	110
03S40E07CCA2.--Drilled 6/64 by Simpson Drilling.		
Brown sandy clay	24	24
Gray sand, clay	10	34
Gravel and gray shale	9	43
Gray shale	4	47
Gray shale, sand, coal	2	49
Gray shale	7	56

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
03S44E03CCC.--Drilled 2/68 by R. Wham.		
Surface	1	1
Rock and clay	9	10
Gray	15	25
Gravel (little water)	5	30
Muddy, sandy, dry	10	40
Sand	10	50
Sand (clear water)	5	55
03S44E09ADA.--Drilled 2/68 by R. Wham.		
Brown clay	10	10
Blue clay	30	40
Blue shale	41	81
Light blue sandy (water)	4	85
Shale	3	88
03S44E10BDBC.--Drilled 9/68 by U.S. Geological Survey.		
Sand, gravelly, dry, contains river gravel and clinker fragments	3	3
Clay, sandy, damp to moist	5	8
Sand, clayey, gravelly, wet	7	15
Clay or shale	3	18
Sandstone	-	18
03S44E11BCAB.--Drilled 9/35. Driller unknown.		
Yellow clay	4	4
Broken limestone	11	15
Yellow clay	7	22
Black shale, some coal	8	30
Gray shale	8	38
Yellow clay and trap rock (seep water)	10	48
Gray shale	22	70
Sandrock (8 gal/min)	30	100
Gray shale	10	110
Sandrock (water)	30	140
Gray shale	15	155
Soft coal	5	160
Green shale	10	170
Black shale	5	175
Gray shale	17	192
Rock	4	196
Gray shale	9	205
Coal	2	207
Gray shale	10	217
Coal	3	220
Green shale, slate rock, gray shale	25	245
Sandrock (water)	15	260
Gray shale	8	268
Sandstone (water)	19	287
Sandstone	10	297
Gray shale	8	305
Sandstone	2	307
Green and gray shale, coal	38	345
Sandrock (water)	30	375
Hard rock	2	377
Soft sand	4	381
03S44E11BCAB2.--Drilled 9/54. Driller unknown.		
No returns	34	34
Gray shale	9	43
Sandrock	10	53
03S44E11BCAB2.--Continued		
Shale	16	69
Sandrock	23	92
Shale	9	101
Sand	12.5	113.5
03S44E11BCAD.--Drilled 9/47. Driller unknown.		
Surface soil	5	5
Gray clay	10	15
Yellow clay, sandstone streak	7	22
Gray clay	8	30
Sandstone	5	35
Gray shale	12	47
Coal	11	58
Gray shale	2	60
Sandstone	20	80
Yellow clay	4	84
Coal	7	91
Gray shale	9	100
Yellow clay	9	109
Gray shale	3	112
Sandstone (seeping 1.2 gal/min)	6	118
Coal	3	121
Gray shale	9	130
Gray sandstone	38	168
Coarse sand (water)	14	182
Gray sandstone	25	207
Not recorded	6	213
03S45E03BADD.--Drilled 9/64 by Bandy Drilling.		
Surface soil	16	16
Sandstone and clay streaks	164	180
Coal	65	245
Sand (water)	35	280
03S45E12BDCB.--Drilled 3/72 by Peabody Coal Co.		
Brown clay	14	14
Gravel (water)	5	19
Brown shale and sandstone (water)	14	33
Hard gray shale	16	49
Brown sandstone (good water)	6	55
Gray shale	4	59
Hard rock	9	68
Gray shale	1	69
Coal	6	75
Gray shale	55	130
Sandstone (hard water)	10	140
Gray shale	24	164
Not recorded	76	240
03S45E13DCBC.--Drilled 1/66 by Bandy Drilling.		
Surface soil	2	2
Sandy shale	96	98
Sand (water)	17	115
Blue shale	6	121
Coal	51	172
03S45E14CCAB.--Drilled 1/63 by H. Kray.		
Red shale	136	136
Sandy clay	4	140
Sandrock	3	143
Clay with rock	20	163

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
03S45E14CCAB.--Continued		
Sand (water)	15	178
Light clay with coal streaks	15	193
03S45E15DBBB.--Date and driller unknown.		
Clay	10	10
Red shale	54	64
Gravel with blue shale	31	95
Gray sand rock	25	120
Blue shale with coal	12	132
03S45E31DCDA.--Date unknown. Drilled by Mackin.		
Loam	25	25
Scoria, rock, and gravel	110	135
Quicksand	15	150
Sandstone (water)	15	165
Coal	1	166
Gray shale	2	168
3S45E32DDAC.--Drilled 9/34. Driller unknown.		
Loam	20	20
Gravel (water)	55	75
Stone (water)	3	78
Shale	12	90
Coal	4	94
Shale	16	110
Coal	3	113
Shale	12	125
Coal	10	135
Shale	4	139
Hard rock	3	142
Sandstone (water)	4	146
Coal	2	148
Shale	12	160
Coal	2	162
Shale	12	174
Coal	2	176
Shale	6	182
Rock	1	183
Shale	6	189
Rock	1	190
Shale	6	196
Sandstone (water)	39	235
Coal	7	242
Shale	5	247
Limestone	8	255
Shale	7	262
Limestone	3	265
Shale	4	269
Coal	8	277
Shale	41	318
03S46E05AABB.--Drilled 6/74 by Jones.		
Soil	5	5
Sandy clay	14	19
Red shale	39	58
Gray sandy shale	30	88
Coal	5	93
Gray shale	24	117
Sandstone	37	154
Gray shale	32	186
Coal	65	251
Hard rock	1	252
Gray shale	8	260
Sandstone	47	307
Gray shale	13	320

	Thickness	Depth
03S46E06AADB.--Drilled 1/64 by Briant Drilling.		
Topsoil	2	2
Yellow sand	20	22
Red shale	34	56
Gray shale	54	110
Yellow shale	70	180
Dark shale	51	231
Hard coal	23	254
Soft sandstone (water)	16	270
Sand	22	292
03S46E07ADBB.--Drilled 1/61. Driller unknown.		
Surface soil	13	13
Hard rock	7	20
Gray shale	32	52
Sand (water)	32	84
Rock	5	89
Sandstone	37	126
Gray shale	7	133
03S46E17ADBC.--Drilled 6/62 by Bandy Drilling.		
Surface soil	15	15
Yellow sandstone	38	53
Hard rock	3	56
Sandstone	79	135
Gray shale	15	150
03S46E18CCCC2.--Drilled 6/50 by Drane Drilling.		
Sandy topsoil	25	25
Red shale and gravel	10	35
Red shale	15	50
Blue shale	10	60
Hard coal	60	120
Blue shale	80	200
Sand (water)	30	230
Blue shale	15	245
03S46E19ACBA.--Drilled 6/52. Driller unknown.		
Clay and sand	23	23
Gravel and red shale	6	29
Clay and sand (loose, broken rocks)	35	64
Gray sandy shale	46	110
Coal and some shale	68	178
Shale and rocks	17	195
Shale with sand	9	204
Rocks	1	205
03S46E20DBAB.--Drilled 9/65 by Drane Drilling.		
Clay topsoil	3	3
Yellow clay	27	30
Soft coal	15	45
Blue clay	79	124
Blue shale and shaley rock streaks	46	170
Shale with sandstone streaks	25	195
Rocks	1	196
Coal (water)	71	267
Blue shale	1	268
03S46E21CDBA.--Drilled 6/62 by Bandy Drilling.		
Surface soil	2	2
Yellow clay	30	32
Blue shale	29	61

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
03S46E21CDBA.--Continued		
Coal	9	70
Blue shale	35	105
Sandstone	124	229
Coal	11	240
03S46E22CBBA.--Drilled 7/60 by Bandy Drilling.		
Surface soil	18	18
Sand	22	40
Blue shale	70	110
Sandstone	80	190
Not recorded	3	193
03S46E23AABD.--Drilled 6/54 by Drane Drilling.		
Clay	10	10
Red shale	10	20
Gravel and sand	25	45
03S46E30BCCC.--Drilled 6/62 by Bandy Drilling.		
Surface soil	14	14
Blue shale	21	35
Sandstone	122	157
Coal	13	170
03S46E32CDBD.--Drilled 1/63 by Bandy Drilling.		
Subsoil	16	16
Sandstone and clay	174	190
Coal	55	245
Sandstone	35	280
03S49E01AABB.--Drilled 11/64 by Briant Drilling.		
Topsoil	2	2
Brown sand	28	30
Dark shale	30	60
Hard rock	2	62
Gray shale	19	81
Dark shale	9	90
Coal	2	92
Gray shale	23	115
Coal	20	135
Sand	5	140
Gray shale	70	210
Hard rock	3	213
Dark shale	22	235
Gray shale	95	330
Sandy shale	10	340
Sand (water)	30	370
03S49E01ADDB.--Drilled 12/64 by Briant Drilling.		
Topsoil	3	3
Gray sand	27	30
Gray shale	50	80
Dark shale	34	114
Gray shale	21	135
Coal	20	155
Brown shale	30	185
Dark shale	30	215
Rock	2	217
Gray shale	28	245
Dry sand	25	270
Gray shale	40	310
Dark shale	70	380
Sandy shale	5	385
Sand (water)	25	410
03S49E02CABC.--Drilled 6/73 by Jones.		
Surface soil	17	17
Brown clay	7	24
Blue shale	3	27
Coal	2	29
Blue shale	19	48
Hard rock	2	50
Blue shale	22	72
Coal	3	75
Blue shale	8	83
Coal	2	85
Blue shale	11	96
Coal	1	97
Blue shale	47	144
Coal (water)	38	182
Gray shale	41	223
03S49E08CCBD.--Drilled 8/73 by Drane Drilling.		
Brown clay	32	32
Yellow sand	48	80
Blue sand	10	90
Blue shale	15	105
Blue sand	73	178
Blue shale	2	180
03S49E10DBBC.--Drilled 8/73 by Drane Drilling.		
Clay with coal	55	55
Clay	15	70
Rock	4	74
Coal with shale	41	115
Coal	10	125
Shale with coal streaks	35	160
Blue shale	10	170
Gray shale	20	190
Sand (water)	30	220
Shale	10	230
03S49E11BADC.--Drilled 10/57 by Bandy Drilling.		
Surface soil	8	8
Red shale	8	16
Coal	15	31
Blue shale	19	50
03S49E12CAAA.--Drilled 9/58 by Bandy Drilling.		
Surface soil	12	12
Blue shale	58	70
Sand (water)	20	90
Coal	10	100
03S49E12DACB.--Drilled 9/58 by Bandy Drilling.		
Surface soil	12	12
Blue shale	58	70
Sand (water)	20	90
Coal	10	100
03S49E12DBDB.--Drilled 6/39 by Drane Drilling.		
Sand	7	7
Red shale	7	14
Soapstone	15	29
Sand	15	44
Blue shale	6	50
Coal	4	54
Coal and shale	8	62
Blue clay	26	88

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
03S49E12DBDB.--Continued		
Blue shale	21	109
Sandrock	46	155
Sand (water)	5	160
Coal	43	203
Coal and sand	6	209
Sandrock	3	212
Sand (water)	31	243
Sandrock	4	247
03S49E17CCDA.--Drilled 12/69 by Drane Drilling.		
Yellow clay	17	17
Yellow sand	15	32
Clay	9	41
Scoria and clay	13	54
Coal	6	60
Blue shale	61	121
Rock	7	128
Blue shale	11	139
Blue sand	37	176
Blue shale	4	180
03S49E23DADC.--Drilled 3/60 by Bandy Drilling.		
Surface soil	25	25
Yellow clay	13	38
Sand (water)	57	95
Blue shale	15	110
03S49E34ACCB.--Drilled 6/61 by Bandy Drilling.		
Surface soil	30	30
Blue shale	32	62
Hard rock	5	67
Gray shale	68	135
Sand (water)	24	159
Blue shale	111	170
03S50E03BADD.--Drilled 8/54 by Bandy Drilling.		
Surface soil	10	10
Gravel	10	20
Blue shale	30	50
Sand streaks	20	70
Blue shale	50	120
Sand (water)	20	140
Blue shale	13	153
03S50E12AACB.--Drilled 5/68 by Jones.		
Surface soil	5	5
Black shale	19	24
Blue shale	7	31
Sandy shale	9	40
Black shale	12	52
Sandstone	15	67
Blue shale	9	76
Sandstone	36	112
Blue shale	8	120
03S50E15BBAC.--Drilled 11/54 by Janssen.		
Topsoil and sand	15	15
Hard sand (water)	5	20
Soapstone	30	50
Rock	3	53
Clay	5	58
Hard sand (water)	8	66

	Thickness	Depth
03S50E15BBAD.--Drilled 11/41 by Drane Drilling.		
Sandy topsoil	15	15
Hard sand (water)	5	20
Soapstone	30	50
Rock	3	53
Clay	5	58
Hard sand (water)	6	64
Blue clay	30	94
Coal	2	96
Blue clay	24	120
Clay and coal	20	140
Sandrock	6	146
Soft sand (water)	10	156
Blue clay	24	180
Sand, rock (water)	65	245
Sandrock, blue clay	19	264
03S50E15BBA.--Drilled 11/59 by Bandy Drilling.		
Surface soil	8	8
Hard rock	3	11
Blue shale	19	30
Sand (water)	55	85
Blue shale	15	100
03S50E15BBBD.--Drilled 11/59 by Bandy Drilling.		
Surface soil	15	15
Sandstone	35	50
Hard rock	2	52
Sand (water)	38	90
03S50E15BCBB.--Drilled 6/74 by Jones.		
Surface	6	6
Sandy clay	25	31
Yellow clay	8	39
Soft sandstone	33	72
Blue shale	1	73
03S50E15CBBB.--Drilled 11/59 by Bandy Drilling.		
Surface soil	11	11
Sandstone	65	76
Blue shale	16	92
Not recorded	3	95
03S50E17ABAB.--Drilled 11/61 by Bandy Drilling.		
Surface soil	8	8
Gravel	8	16
Coal	10	26
Gray shale	4	30
03S50E18AAAB.--Drilled 3/51. Driller unknown.		
Clay	15	15
Red shale	5	20
Yellow clay	55	75
Hard sandrock	11	86
Blue clay	4	90
Coal	25	115
Blue clay	45	160
Coal clay	5	165
Blue clay	3	168
Sand (water)	36	204
Blue clay	2	206

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
03S50E21ADDD.--Drilled 11/57 by Bandy Drilling.		
Surface soil	7	7
Red shale	13	20
Blue shale	10	30
03S50E21CDBA.--Drilled 11/66 by H. L. Jones.		
Surface soil	13	13
Gray shale	5	18
Sand and shale streaks	31	49
Sandstone	13	62
Blue shale	5	67
Hard sandstone	4	71
Blue shale	31	102
Sandstone	10	112
Coal	3	115
Sandstone	55	170
03S50E22CBBB.--Drilled 11/57 by Bandy Drilling.		
Surface soil	7	7
Red shale	13	20
Blue shale	10	30
03S50E24DDAB.--Drilled 6/68 by Jones.		
Surface soil	3	3
Sandy shale	13	16
Clay	8	24
Coal	7	31
Brown shale	15	46
Sandstone	14	60
Blue shale	34	94
Sandstone	19	113
Blue shale	15	128
Sandstone	15	143
Blue shale	7	150
04S43E27DDD.--Drilled 5/67 by Bandy Drilling.		
Surface soil	32	32
Sandstone	48	80
04S43E33CDD.--Drilled 1/62 by Billmayer and Sons.		
Brown clay	20	20
Gravel	6	26
Boulders	1	27
Gravel and coal (water, oily)	8	35
Black and gray sand	18	53
04S43E35CDCD.--Drilled 1/55. Driller unknown.		
Sand, soil	10	10
Sand, gravel	20	30
Sandstone	43	73
Sand	100	173
Sandstone (water)	17	190
Sandy shale	13	203
Sandstone (water)	117	320
Coal	23	343
Sandstone	25	368
Sandy shale	52	420
Gray shale	25	445
Coal	8	453
Sandstone	9	462
Sandstone (water)	63	525
Hard rock	5	530
Sandstone (water)	95	625
04S43E35CDCD.--Continued		
Gray shale	20	645
Hard sandstone (water)	99	744
04S44E05DBCD.--Drilled 1/46 by Drane Drilling.		
Sandy topsoil	10	10
Gravel and sand	20	30
Sandstone	14	44
Blue shale	2	46
Blue limestone rock	4	50
Blue shale with coal streaks	20	70
Blue shale	70	140
Rock	4	144
Blue shale	21	165
Sand (water)	28	193
Rock	4	197
Shale	73	270
Shale, sand	15	285
Rock	2	287
Shale, sand	13	300
Sand (flow 20 gal/min)	65	365
Blue shale	10	375
04S44E12BBDA.--Drilled 1/59. Driller unknown.		
Topsoil	1	1
Yellow clay	27	28
Clay and gravel	4	32
Gumbo	4	36
Rock	1	37
Gumbo	9	46
Rock	1	47
Gumbo	38	85
Rock	2	87
Gumbo	5	92
Rock	1	93
Gumbo	9	102
Rock	1	103
Gumbo	13	116
Coal	6	122
Gumbo	13	135
Coal	5	140
Gumbo	7	147
Rock	1	148
Gumbo	37	185
Rock	1	186
Shale	34	220
Sandy clay	12	232
Shale	5	237
Rock	1	238
Sandy clay	5	243
Shale	5	248
Rock	1	249
Sandy clay	17	266
Shale	14	280
Coal	60	340
Shale	10	350
04S44E22ABDA.--Drilled 7/49 by Buell-Edlund Drilling.		
Surface	20	20
Bluish-gray shale	15	35
Rock	2	37
Bluish-gray shale	12	49
Sand	3	52
Bluish-gray shale	36	88
Coal	9	97
Gray shale	16	113

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
04S44E22ABDA.--Continued		
Rock	4	117
Gray shale	47	164
Rock	2	166
Gray shale	25	191
Coal	1	192
Sandrock	8	200
Coal	43	243
Gray shale	5	248
Limestone	4	252
Gray shale	12	264
Sandrock	9	273
Limestone	3	276
Gray shale	30	306
Sand	50	356
04S44E28BADA.--Drilled 7/46 by Drane Drilling.		
Sandy topsoil	10	10
Dry gravel	2	12
Soapstone	8	20
Blue shale	39	59
Hard rock	2	61
Blue shale	29	90
Coal	40	130
Sandrock	50	180
Sandstone (water)	60	240
04S45E09DDBA.--Drilled 6/65 by H. Briant.		
Yellow sand	20	20
Gray slate	4	24
Quicksand	12	36
Gravel	34	70
Sandrock	3	73
Sand and shale	41	114
Sand (water)	6	120
Gray shale	50	170
Dark shale (sandy 230-240 ft)	70	240
Sand (water)	8	248
Rock	2	250
Sand	10	260
Blue shale	50	310
Sand (water)	30	340
Dark shale	300	640
Shale and coal	30	670
Sand (water)	10	680
Sand and shale	50	730
Rock	2	732
Sand (water)	48	780
04S45E19DADC.--Drilled 4/58. Driller unknown.		
Surface sand	9	9
Hard rock	4	13
Blue shale	75	88
Coal	8	96
Blue shale	16	112
Sandstone	41	153
Gray shale	17	170
Hard sandstone	65	235
Gray shale	20	255
Sand (water)	15	270
Coal	50	320
Gray shale	5	325
Not recorded	1	326

	Thickness	Depth
04S45E23CCCB.--Drilled 9/73 by Hensley.		
Fill	37	37
Coal	34	71
Gray shale	40	111
Coal	12	123
Gray shale	20	143
Sandstone	18	161
Gray shale	10	171
Sandstone	10	181
Coal	17	198
Gray shale	2	200
Coal	21	221
Shale	6	227
Hard sandstone	15	242
Gray shale	7	249
Coal	8	257
Gray shale	1	258
Hard sandstone	24	282
Gray shale	3	285
Sandstone	36	321
Gray shale	65	386
Coal	4	390
Shale	4	394
Not recorded	60	454
04S45E26AAAA.--Drilled 1/73 by Bandy Drilling.		
Surface soil	9	9
Gray shale	29	38
Sandstone	112	150
04S45E27ACCD.--Drilled 1/56 by Bandy Drilling.		
Surface soil	30	30
Gravel	38	68
Blue shale	12	80
Hard rock	2	82
Blue shale	16	98
Coal	11	109
Gray shale	142	251
Sand	13	264
Gray shale	36	300
Sand	28	328
Gray shale	8	336
Sand	14	350
Gray shale	10	360
04S46E01DDCA.--Drilled 9/60. Driller unknown.		
Surface soil	26	26
Sand (water)	46	72
Blue shale	8	80
04S46E04DACA.--Drilled 9/60 by Higgins.		
Topsoil and brown sand	8	8
Gravel (dry)	10	18
Gumbo	40	58
Gravel	12	70
04S46E05BCBC.--Drilled 9/52 by Bandy Drilling.		
Yellow sand	20	20
Blue clay	20	40
Rock	3	43
Shale	33	76
Sand	10	86
Shale and coal	19	105

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
04S46E05BCBC.--Continued		
Sand and shale	41	146
Hard sandstone	6	152
Shale	8	160
Shale, coal	2	162
Coal	34	196
04S46E09BBCA.--Drilled 9/61. Driller unknown.		
Surface soil	9	9
Sand	16	25
Clay and coal	10	35
Sandstone	2	37
Gray shale	143	180
Sandy shale	42	222
Coal	63	285
Sand (water)	25	310
04S46E10DABC.--Drilled 6/61 by Bandy Drilling.		
Soil	45	45
Gravel	7	52
Sand (water)	9	61
Coal	4	65
04S46E11BBBA.--Drilled 9/54 by Drane Drilling.		
Clay	30	30
Gravel and sand	34	64
Shale	11	75
Sand	10	85
04S46E15CBDC.--Drilled 4/59. Driller unknown.		
Soil	11	11
Gray shale	6	17
Hard rock	4	21
Gray shale	37	58
Coal	16	74
Sandstone (1/2 gal/min)	51	125
Gray shale	15	140
Hard rock	4	144
Gray shale	27	171
Sandstone (3 gal/min)	54	225
Gray shale	25	250
04S46E31CCCC.--Drilled 9/48 by Buell-Edlund Drilling.		
Surface soil	13	13
Sand and gravel	24	37
Gray shale	16	53
Coal	8	61
Sandy shale	77	138
Sand (hard water)	19	157
Limestone	4	161
Gray shale	12	173
Coal	12	185
Sandy shale	6	191
Sand (soft water)	47	238
White shale	2	240
04S46E32DCDC.--Drilled 9/53 by Drane Drilling.		
Clay	45	45
Sand and gravel	20	65
04S46E33CBAC.--Drilled 7/46 by Drane Drilling.		
Sandy topsoil	5	5
Gravel and sand	15	20
Red shale	10	30
Sandstone (water)	30	60
04S47E12CABD.--Drilled 5/63 by Bandy Drilling.		
Surface soil	17	17
Gravel	7	24
Gray shale	84	108
Sandy shale	31	139
Hard rock	11	150
Sand (water)	15	165
04S49E01DCDD.--Drilled 8/61 by Doeden.		
Surface soil	24	24
Pea gravel	10	34
04S49E05BAAB.--Drilled 7/61 by Bandy Drilling.		
Surface soil	22	22
Blue shale	21	43
Coal	22	65
Blue shale	33	98
Sand and coal	14	112
Gray shale	103	215
Sand (water)	28	243
Blue shale	7	250
04S49E10ADBC.--Drilled 1/50 by Bandy Drilling.		
Surface soil	6	6
Sandstone	19	25
Coal	13	38
Blue shale	24	62
Sand	18	80
Blue shale and sand	17	97
Coal	8	105
Blue shale	23	128
Sand (water)	32	160
Blue shale rock	35	195
Hard rock	1	196
Gray shale	17	213
Sandrock	10	223
Coal	17	240
Blue shale	10	250
04S49E13DBCD.--Drilled 8/55 by Drane Drilling.		
Clay	65	65
Sandrock	37	102
Rock	3	105
Blue shale	3	108
Sand with shale	16	124
Shale	4	128
04S49E14BCBD.--Drilled 3/72 by Drane Drilling.		
Topsoil	2	2
Yellow sandrock	4	6
Blue clay	29	35
Brown sand	29	64
Blue clay	2	66
Blue sand	10	76

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
04S49E14BCBD.--Continued		
Blue shale	15	91
Blue sand	5	96
Blue shale	12	108
Coal	9	117
Blue shale	5	122
04S49E22ACBB2.--Drilled 8/48 by Gali.		
Sandy clay and topsoil	25	25
Blue shale	20	45
Sandstone	20	65
Blue shale	5	70
04S49E25BBDD.--Drilled 8/72 by Drane Drilling.		
Yellow clay	2	2
Gray sand	12	14
Yellow clay	18	32
Coal	4	36
Blue clay	26	62
Coal	2	64
Blue clay	39	103
Blue sand	31	134
Blue clay and sand	4	138
Blue sand	3	141
Blue shale	4	145
04S50E04AAAA.--Drilled 10/61. Driller unknown.		
Surface soil	11	11
Yellow sand	5	16
Gravel and yellow sand	60	76
Blue shale	25	101
Sand (water)	34	135
Blue shale	5	140
04S50E06DCCC.--Drilled 6/68 by Jones.		
Surface soil	3	3
Clay	25	28
Gravel, sand	21	49
Gray shale	9	58
Sandstone	6	64
Gray shale	11	75
04S50E15DABB.--Drilled 4/66 by Drane Drilling.		
Sandy	18	18
Gravel	2	20
Yellow sand	88	108
Rock	1	109
Yellow sand with coal	21	130
Brown and yellow sand, some clay streaks	40	170
Blue clay	14	184
Blue clay, sand and coal streaks	40	224
04S50E17BDAC.--Drilled 7/60. Driller unknown.		
Sandy clay	10	10
Sandrock	20	30
Blue clay	20	50
Sandrock	22	72
Hard rock	3	75
Coal	1	76
04S50E17BDAC.--Continued		
Shale	4	80
Sandy shale	5	85
Coal	5	90
Shale	3	93
Rock	2	95
Shale	20	115
Sandstone	29	144
04S52E18BCDC.--Drilled 12/60 by Bandy Drilling.		
Sandy surface soil	50	50
Blue shale	50	100
Sand (water)	42	142
Blue shale	93	235
Sand (water)	16	251
Blue shale	284	535
Sand (water)	93	628
Blue shale	52	680
Sand	50	730
Blue shale	169	899
Sand (water)	56	955
Blue shale	65	1020
05S42E18DCDB.--Drilled 6/64 by Folkerts.		
Soil	10	10
Clinker	45	55
Clinker, sand	20	75
Fine sand	5	80
Gray shale	1	81
05S42E19BABD.--Drilled 9/51 by Strohr.		
Topsoil	10	10
Shale	9	19
Gravel	4	23
Sandstone	8	31
Gravel	10	41
Fine gravel	12	53
Coal	29	82
Blue shale	4	86
Sandstone	14	100
05S42E20ADAC.--Drilled 9/59 by Drane Drilling.		
Clay	18	18
Red shale	24	42
Coal	5	47
Gravel, sand	10	57
Blue clay	3	60
Rock	3	63
Shale	24	87
Coal	3	90
Shale with coal streaks	44	134
Rock	1	135
Shale	1	136
Rock	2	138
Shale	37	175
Coal	15	190
Shale	22	212
Coal with shale, mixed	23	235
Shale	2	237
Rock	2	239
Shale	3	242
Rock	1	243
Shale with sand streaks	37	280

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
05S42E20ADAC.--Continued		
Shale	5	285
Shale with sand streaks	35	320
Rock	2	322
Shale with sand streaks	106	428
Sand	12	440
Shale	9	449
05S42E20ADDB.--Drilled 5/48. Driller unknown.		
Topsoil	15	15
Gravel	28	43
Coal	5	48
Gray shale	4	52
Limestone	3	55
Gray shale	31	86
Coal	4	90
Sandy shale	14	104
Coal	4	108
Gray shale	2	110
05S42E34ABBA.--Drilled 9/75 by Drane Drilling.		
Yellow clay	9	9
Gravel	25	34
Yellow sand and gravel	6	40
Blue clay	10	50
Coal	6	56
Gray shale	41	97
Rock	3	100
Gray shale	16	116
Coal	14	130
Gray shale	7	137
Rock	1	138
Gray shale	72	210
Sandy gray shale	26	236
Gray sand	22	258
Coal	15	273
Blue shale	95	368
Coal	26	394
Blue shale	146	540
Blue sand	33	573
Blue sandy shale	20	593
Blue shale	43	636
Coal	3	639
Blue shale	93	732
Blue shale and sand streaks	73	805
Blue sand	69	874
Blue sandy shale	6	880
05S43E04AAAA.--Drilled 10/74 by Nance.		
Sand and small rocks	10	10
Gravel	2	12
05S43E04CBC.--Drilled 1/62 by Billmayer and Sons.		
Brown clay	27	27
Clay and gravel	36	63
Gravel with coal	14	77
Grayish-black rock	3	80
05S43E04CBDA.--Drilled 5/67 by Jones.		
Topsoil	16	16
Sand and shale	9	25
05S43E04CBDA.--Continued		
Clay	10	35
Sand and gravel	28	63
05S43E07DBDA.--Drilled 5/67 by Bandy Drilling.		
Topsoil	31	31
Sand and gravel	19	50
Coal	11	61
Sandstone	19	80
05S45E16DCBB.--Drilled 9/66 by Bandy Drilling.		
Surface soil	9	9
Blue shale	141	150
Coal	21	171
Shale	21	192
05S45E27BDDB.--Drilled 9/62 by Bandy Drilling.		
Surface soil	6	6
Blue shale	39	45
Hard rock	2	47
Blue shale	51	98
Hard rock	4	102
Blue shale	17	119
Coal	24	143
Gray shale	68	211
Sandstone (8 gal/min)	39	250
Gray shale	2	252
05S45E28BBBA.--Drilled 6/62 by Bandy Drilling.		
Surface soil	28	28
Blue shale	37	65
Sandstone	30	95
Gray shale	11	106
Sandstone (2 gal/min)	68	174
Coal	16	190
Gray shale	21	211
Sandstone (8 gal/min)	30	241
Coal (8 gal/min)	9	250
05S45E35BABA.--Drilled 9/71 by Drane Drilling.		
Clay	8	8
Gravel	20	28
Blue clay	9	37
Gravel	19	56
Coal	3	59
Blue sandy clay	46	105
Blue sand	25	130
Blue shale	9	139
Rock	2	141
Blue shale with coal	42	183
Coal	5	188
Blue shale	24	212
Rock	1	213
Blue shale	22	235
Blue sand	30	265
Blue shale	5	270
05S45E35BCDC.--Drilled 9/75 by Drane Drilling.		
Clay	8	8
Sand and gravel	9	17
Clay	3	20

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
05S46E04DACA.--Drilled 9/60 by Hiager.		
Topsoil	8	8
Gravel	10	18
Gumbo	32	50
Not recorded	20	70
05S46E20CBCC.--Drilled 9/48 by Buell-Edlund Drilling.		
Surface	45	45
Sand, gravel	13	58
Gray shale	2	60
05S46E20CDAB2.--Drilled 1/74 by Buell-Edlund Drilling.		
Surface	21	21
Sand and gravel	46	67
Gray shale	44	111
Coal	27	138
Gray sandy shale	42	180
Limestone	2	182
Gray shale	12	194
Coal	3	197
Gray shale	95	292
Sandrock	24	316
Limestone	5	321
Sand	43	364
Coal	6	370
05S46E23CBDD.--Drilled 1/36. Driller unknown.		
Loam	16	16
Gravel	4	20
Yellow clay	12	32
Gravel (2 gal/min)	6	38
Yellow clay	4	42
Gravel	19	61
05S48E04CADC.--Drilled 1/76 by Jones.		
Soil	3	3
Blue shale	81	84
Coal	13	97
Gray shale	12	109
Coal	17	126
Gray shale	17	143
05S49E19ADBA.--Drilled 5/57 by Bandy Drilling.		
Surface soil	35	35
Yellow clay	6	41
Blue shale	4	45
Coal	6	51
Clay and sand	3	54
Blue shale	6	60
Hard rock	2	62
Gray shale	79	141
Coal	4	145
Gray shale	5	150
Hard rock	2	152
Gray shale	13	165
Sand	6	171
Coal and sand	4	175
Gray shale	11	186
Coal	8	194
Gray shale	7	201
Sand	3	204
Gray shale	16	220

	Thickness	Depth
05S49E32ADCD.--Drilled 4/52 by Bandy Drilling.		
Surface soil	10	10
Gravel	10	20
Blue shale	10	30
Coal	10	40
Blue shale	30	70
Coal	10	80
Gray shale	50	130
Hard rock	30	160
Sandstone	30	190
Coal	20	210
Blue shale	10	220
05S50E13CCCA.--Drilled 8/56 by Bandy Drilling.		
Surface soil	5	5
Yellow clay	17	22
Sandstone	56	78
Blue shale	22	100
Sand (water)	60	160
05S50E27ABDD.--Drilled 9/70 by Bandy Drilling.		
Surface soil	10	10
Gravel	18	28
Dark shale	9	37
Yellow sand	27	64
Light-blue shale	20	84
Sandstone	42	126
Gray shale	4	130
05S51E03ABBA.--Drilled 9/76 by Drane Drilling.		
Not recorded	175	175
Blue shale and coal slake	152	327
Blue sand	15	342
Blue shale	31	373
Blue sand	19	392
Blue shale and sand streaks	16	408
Rock	2	410
Blue sand	4	414
Rock	3	417
Blue sand	16	433
Blue shale	19	452
Blue sand	36	488
Blue shale	10	498
05S51E07CDAC.--Drilled 1/57 by Bandy Drilling.		
Sandstone	75	75
Blue shale	116	191
Hard rock	2	193
Sand (water)	18	211
Blue shale	59	270
Sand (water)	25	295
Blue shale	126	421
Sand (water)	44	465
Gray shale	73	538
Sand (water)	82	620
Gray shale	73	693
Sand (water)	27	720
Gray shale	102	822
Sand (water)	49	871
Gray shale	9	880
06S39E15DDBC.--Drilled 8/61. Driller unknown.		
Soil	4	4
Hard shell	2	6

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
06S39E15DDBC.--Continued		
Brown sandstone	14	20
Gray shale	4	24
Coal (water)	34	58
Hard shell	3	61
Gray shale	14	75
Hard shell (water)	2	77
Light-gray shale	13	90
06S40E29ABBA.--Drilled 6/52. Driller unknown.		
Clay	28	28
Coal (water)	28	56
Sandy shale	10	66
Shell	1	67
Light shale	5	72
06S40E30DDAA.--Drilled 6/52. Driller unknown.		
Soil	22	22
Quicksand (water)	5	27
Shale	31	58
Sandstone (water)	53	111
06S40E30DDAA2.--Drilled 6/52. Driller unknown.		
Red shale	18	18
Gravel (water)	4	22
Sandy shale	18	40
Sandstone	53	93
06S41E27AAAA.--Drilled 6/55. Driller unknown.		
Sand and boulders	9	9
Scoria and gravel	19	28
Sandy shale	18	46
Sandrock	89	135
Sandrock with coal stringers	25	160
Sandrock (water)	140	300
06S42E01DDCC.--Drilled 1/47. Driller unknown.		
Not recorded	102	102
Limestone	2	104
Shale	90	194
Coal	3	197
Shale	104	301
Coal	11	312
Shale	7	319
Sandstone	75	394
Shale	4	398
Sandstone	50	448
Limestone	3	451
Sandstone	14	465
Coal	5	470
06S42E14DCAD.--Drilled 9/46 by Parka.		
Sandy soil	12	12
Gravel	60	72
Hard sandrock	2	74
Shale and sand	30	104
Shale and hard sandrock	5	109
Shale and sand	125	234
Sandy shale	88	322
Hard shale	3	325
Sand	10	335
06S42E21DDCA.--Drilled 9/46 by Parka.		
Topsoil and shale	11	11
Gravel	24	35
Shale	40	75
Soft brown shale	3	78
Shale	5	83
Sandrock	5	88
Sandy shale	20	108
Sandrock	10	118
Sandy shale	7	125
Sandrock	3	128
Sandy shale	20	148
Gravel	10	158
Coarse gravel, sand	3	161
06S42E27ABBC.--Drilled 9/46 by Parka.		
Topsoil, sand, and gravel	56	56
Hard shaley sand	2	58
Gravel and sand	16	74
Shale	6	80
Gravel	4	84
Sandy shale	59	143
Sand	4	147
Hard sandy shale and gravel	70	217
Sandy shale	25	242
Sandrock	2	244
Sand	16	260
Shale	24	284
Sand (water)	28	312
Shale	3	315
06S43E20DDBB.--Drilled 9/63 by Reid.		
Topsoil	7	7
Yellow clay	43	50
Sand and gravel (water)	19	69
Gray shale	11	80
Coal	16	96
Blue shale	49	145
Hard rock	7	152
Blue shale	93	245
Coal	12	257
Blue shale	108	365
Rock	4	369
Blue shale	286	655
Rock	4	659
Blue shale	13	672
Sand (water)	46	718
Blue shale	2	720
06S48E09EBDA.--Drilled 10/73 by Hensley.		
Brown shale	28	28
Brown sandstone	10	38
Brown shale	6	44
Hard sandstone	1	45
Gray shale	36	81
Dark-gray shale with coal	3	84
Gray shale	13	97
Coal	8	105
Gray sandstone	10	115
Gray shale	5	120
06S48E23ADAB.--Drilled 7/61 by Bandy Drilling.		
Surface	24	24
Blue shale	66	90

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
06S48E23ADAB.--Continued		
Sand	34	124
Blue shale	9	133
Coal	25	158
Blue shale	72	230
Sand (water)	22	252
Blue shale	18	270
06S49E30BACB.--Drilled 7/61 by Bandy Drilling.		
Surface soil	25	25
Blue shale	33	58
Coal	9	67
Blue shale	21	88
Hard rock	7	95
Blue shale	75	170
Sand	5	175
Blue shale	55	230
Sand (water)	80	310
06S50E16AAAC.--Drilled 5/72 by H. Jones.		
Surface soil	9	9
Clay and shale	31	40
Yellow clay	16	56
Blue shale	11	67
Coal	12	79
Sandstone	51	130
06S51E07CABC.--Drilled 7/76. Driller unknown.		
Yellow clay	28	28
Sand and gravel	14	42
Blue shale	28	70
Rock	2	72
Blue shale	46	118
Blue sand and coal	7	125
Blue sand	95	220
Blue shale with coal	59	279
Rock	3	282
Sand	41	323
Blue shale	63	386
Sand	10	396
Blue shale	61	457
Rock	2	459
Blue shale	181	640
Sand	15	655
Blue shale	40	695
Sandstone	9	704
Sandstone with shale	34	738
Rock	2	740
Sand	5	745
Blue shale	56	801
06S51E30CCCC.--Drilled 11/72 by Drane Drilling.		
Sand and clay	18	18
Gravel	64	82
Blue clay	5	87
Blue sand	11	98
Blue clay	4	102
Coal	3	105
Blue clay	19	124
Soft rock	3	127
Blue sand	31	158
Blue clay	304	462
Blue shale with sand	28	490
Blue sand	17	507
Blue shale with sand	73	580
07S39E01DCA.--Drilled 8/61. Driller unknown.		
Loam	10	10
Sandstone	65	75
Coal	10	85
Blue shale	55	140
Coal	35	175
07S39E11AAC.--Drilled 1/50. Driller unknown.		
Yellow clay	14	14
Rock	4	18
Sandstone	8	26
Sandstone (water)	10	36
Blue shale	19	55
07S39E21ADA.--Drilled 5/74 by Kekich.		
Alluvium	15	15
Hard shale	5	20
Scoria	8	28
Gray clay	6	34
Sandstone	3	37
Gray shale	8	45
Brown shale	10	55
Coal	20	75
Gray shale	3	78
Coal	17	95
Gray shale	10	105
07S39E21ADA2.--Drilled 1/40. Driller unknown.		
Soil	22	22
Quicksand (water)	3	25
Shale	12	37
Coal (water)	9	46
Not recorded	54	100
07S39E22BCD.--Drilled 11/61 by Jones.		
Soil	10	10
Gravel (water)	5	15
Brown shale	10	25
Hard shell (water)	1	26
Gray shale	16	42
07S39E23ACD2.--Drilled 1/38. Driller unknown.		
Blue shale and sandstone	26	26
Coal	30	56
07S39E23ACD3.--Drilled 1/61. Driller unknown.		
Scoria	40	40
Hard rock	5	45
Coal	5	50
Sandstone	30	80
Blue shale	20	100
Coal (water)	60	160
07S39E23ACD5.--Drilled 7/75. Driller unknown.		
Red sandy shale	20	20
Blue sandy shale	30	50
Rock	1	51
Blue shale	9	60
Rock	2	62
Blue shale	33	95
Coal	25	120

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
07S39E23ACD5.--Continued		
Rock	1	121
Coal	12	133
Shale	7	140
07S39E23ACD7.--Drilled 1/42. Driller unknown.		
Soil	10	10
Sandstone	55	65
Coal	45	110
Blue shale	80	190
Hard rock	5	195
Coal (water)	60	255
07S39E24BCD.--Drilled 8/55. Driller unknown.		
Blue shale	100	100
Coal (trace water)	60	160
Sandstone	50	210
Coal	65	275
07S39E27CDC.--Drilled 12/59 by Reid.		
Soil	5	5
Red cinders	81	86
Blue shale, hard rock	130	216
Sandstone	24	240
Blue shale	14	254
Sandstone (water)	16	270
Blue shale	20	290
Sandstone (water)	44	334
Blue shale	11	345
Coal	5	350
07S39E27DCDD.--Drilled 12/59. Driller unknown.		
Topsoil	5	5
Red cinders	81	86
Blue shale	18	104
Rock	6	110
Blue shale	10	120
Rock	5	125
Blue shale	22	147
Rock	6	153
Blue shale	28	181
Hard rock	6	187
Blue shale	35	212
Rock	4	216
Sandstone	24	240
Blue shale	14	254
Sandstone (water)	23	277
Blue shale	13	290
Sand (water)	44	334
Blue shale	11	345
Coal	5	350
07S39E35DAB.--Drilled 6/48. Driller unknown.		
Blue shale	82	82
Gravel and sand (water)	10	92
07S39E36CDD.--Drilled 1/36. Driller unknown.		
Loam	10	10
Scoria	10	20
Blue shale	25	45
Coal	30	75

	Thickness	Depth
07S40E01DCBB.--Drilled 7/58 by Reid.		
Topsoil	5	5
Cinder	23	28
Blue shale	8	36
Rock	4	40
Blue shale	24	64
Coal	63	127
Rock	6	133
Sand	9	142
07S40E30CCBD.--Drilled 7/74. Driller unknown.		
Red scoria	70	70
Burn and cinder	10	80
07S40E30DABB.--Drilled 1/36. Driller unknown.		
Sandstone	30	30
Blue shale	45	75
Hard rock	6	81
Coal	50	131
07S41E22ACDC.--Drilled 5/67. Driller unknown.		
Not recorded	21	21
Gravel	20	41
Blue shale	3	44
07S43E05ABDB.--Drilled 1/50 by Bandy Drilling.		
Not recorded	305	305
Gray shale	13	318
Hard rock	2	320
Blue shale	7	327
Hard rock	2	329
Gray shale	25	354
Coal	12	366
Gray shale	24	390
Coal	8	398
Gray shale	13	411
Hard rock	2	413
Gray shale	93	506
Coal	4	510
Sand (water)	60	570
Gray shale	72	642
Coal	12	654
Gray shale	24	678
Hard rock	1	679
Coal and shale streaks	82	761
Hard rocks	2	763
Gray shale	10	773
Hard rock	2	775
Gray shale	7	782
Sandstone	4	786
Blue shale	14	800
Hard rock	3	803
Sand (water)	49	852
Coal and gray shale	22	874
07S45E13DCCC.--Drilled 8/49 by Drane Drilling.		
Sandy topsoil	20	20
Red shale and gravel	8	28
Sand	3	31
Rock	3	34
Blue shale	36	70
Sandrock	20	90
Coal	10	100

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
07S45E13DCCC.--Continued		
Blue shale	20	120
Coal	2	122
Blue shale	20	142
Rock	4	146
Blue shale	32	178
Rock	1	179
Sand (water)	41	220
Blue shale	5	225
07S46E06CACD.--Drilled 11/70 by Drane Drilling.		
Yellow clay	25	25
Blue shale	35	60
Blue shale, coal streak	32	92
Blue sand	28	120
07S49E16CDDC.--Drilled 9/60 by Bandy Drilling.		
Surface	9	9
Gravel	10	19
Blue shale	324	343
Sand (water)	22	365
Gray shale	115	480
Sand (water)	50	530
Gray shale	278	808
Sand (water)	62	870
Gray shale	10	880
07S51E07ACDA.--Drilled 10/64 by Bandy Drilling.		
Surface soil	18	18
Gravel	42	60
Sandstone	64	124
Blue shale	16	140
08S39E01ABAA.--Drilled 1/74 by Young.		
Subsoil	50	50
Lava rock	2	52
Shale (water)	3	55
08S39E01BABB.--Drilled 1/74 by Kekich.		
Alluvium, silty soil	5	5
Scoria	50	55
Shale (water)	17	72
Hard sandstone	3	75
Shale and sandstone	3	78
Hard sandstone	2	80
08S39E02DAAD1.--Drilled 1/32 by Weltner.		
Red shale	106	106
08S39E02DAAD2.--Drilled 1/55 by Ritola Drilling.		
Red shale	130	130
08S39E12ACBB.--Drilled 8/41 by Pierce.		
Red shale	30	30
Hard rock	3	33
Red shale	12	45
Red shale and clinker	30	75
Gray shell rock	20	95
Ashes	48	143
Hard sandstone	3	146
08S39E12ACBB.--Continued		
Gray shale	12	158
Sandstone	8	166
Shale	49	215
Hard sandstone	6	221
Gray shale	9	230
Coal	10	240
Gray shale	8	248
Coal (water)	20	268
Gray shale	5	273
Not recorded	32	305
08S39E12ACBB2.--Drilled 8/71 by Pierce.		
Topsoil	10	10
Shale	90	100
Shell rock	4	104
Ashes, clinker	12	116
Shell rock	2	118
Black sandstone	2	120
Dark shale	15	135
Coal	3	138
Sandstone	2	140
Clay	45	185
Shale	5	190
Sandstone	33	223
Coal	7	230
Shale	10	240
Coal	20	260
Sandstone	33	293
Coal	17	310
Sandstone	60	370
08S39E13BBCC.--Drilled 11/72 by Pierce.		
Yellow clay	35	35
Dark clay	4	39
Sandstone	2	41
Gray shale	14	55
Clay	1	56
Sandstone	11	67
Gray shale	7	74
Clay	26	100
Shale	24	124
Sandstone	41	165
Shale	69	234
Sandy clay	26	260
Sandstone	10	270
Clay	24	294
Coal (water)	54	348
08S42E09AACC.--Drilled 11/73. Driller unknown.		
Topsoil	8	8
Hard sand	17	25
08S42E15CBBA.--Drilled 9/46 by Parker.		
Soil	10	10
Shale	21	31
Rock	4	35
Sand and shale	16	51
Rock	2	53
Sand	12	65
Sand and shale	49	114
Coal	6	120
Shale	2	122

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
08S42E15CBBA.--Continued		
Coal	6	128
Sand, shale, and rock	22	150
Sand and shale	7	157
08S42E28CAAA.--Drilled 11/73 by Ritola Drilling.		
Yellow clay	13	13
Ledge rock	2	15
Sandrock	7	22
Blue and dark shale	36	58
Hard rock (water seep)	2	60
Blue shale	29	89
Sandrock (water)	9	98
Blue shale	4	102
Sandrock	9	111
Coal	19	130
Blue shale	3	133
08S42E29BDAC.--Drilled 11/73. Driller unknown.		
Clay	17	17
Hard clay, sand and rocks	4	21
08S42E35BBBC.--Drilled 10/73. Driller unknown.		
Clay	2	2
Rock	3	5
Yellow clay	16	21
Blue shale	22	43
Black shale	11	54
Blue shale	17	71
Sand	7	78
Black shale	16	94
Sand	18	112
Blue shale	32	144
Black shale	12	156
Sand	31	187
Rock	2	189
Blue shale	7	196
Rock	8	204
Sand	15	219
Dark shale	9	228
Blue shale	17	245
Rock	1	246
Blue shale	12	258
Rock	1	259
Blue shale	1	260
Rock	5	265
Sand	16	281
Blue shale	14	295
Coal	27	322
Blue shale	6	328
Rock	6	334
Blue shale	84	418
Dark shale	16	434
Blue shale	14	448
Sand	6	454
Blue shale	2	456
08S43E05CBAC.--Drilled 10/73. Driller unknown.		
Yellow sandy clay	6	6
Red shale	16	22
Red shale, gravel (water)	10	32
Coal	7	39
Sand (water)	5	44

	Thickness	Depth
08S43E09ADCC.--Drilled 11/65 by Ritola Drilling.		
Yellow clay	52	52
Blue shale	10	62
Coal	35	97
Blue shale	7	104
Sand (water)	4	108
Blue shale	19	127
Coal	10	137
Blue shale	14	151
Rock	4	155
Blue shale	36	191
Sandrock (water)	8	199
08S43E23DBDB.--Drilled 1/73. Driller unknown.		
Yellow sandy clay	36	36
Gravel (water)	8	44
Blue shale	15	59
Sandrock (water)	45	104
Blue shale	24	128
Sandrock (water seep)	12	140
Rock	3	143
Blue shale	22	165
Coal (water seep)	7	172
Light sandrock (water)	22	194
Blue shale	32	226
Sandrock	8	234
Blue shale	29	263
Rock (water)	11	274
08S43E28CACD.--Drilled 1/49 by Ritola Drilling.		
Yellow sandy clay	22	22
Red shale (water)	14	36
Black shale	12	48
Rock	2	50
08S43E29DABC.--Drilled 10/73 by Ritola Drilling.		
Yellow sandy clay	15	15
Red shale (water)	9	24
Dark shale	12	36
Coal (water)	12	48
Blue shale	8	56
Dark shale	12	68
08S44E06CBAC.--Drilled 12/65. Driller unknown.		
Yellow clay	4	4
Sandy clay	24	28
Red shale	9	37
Blue shale	7	44
08S44E13BBBB.--Drilled 8/66. Driller unknown.		
Yellow clay	31	31
Blue shale	49	80
Coal (water)	42	112
Blue shale	62	174
Coal	22	196
Blue shale	14	210
Sandstone (water)	16	226
08S44E18BDCC.--Drilled 9/59. Driller unknown.		
Topsoil	5	5
Yellow clay	37	42
Gray shale	13	55
Sandstone	5	60

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
08S44E18BDCC.--Continued		
Blue shale	168	228
Rock	5	233
Blue shale	64	297
Coal	36	333
Blue shale	3	336
08S44E22DCDB.--Drilled 9/67 by Ritola Drilling.		
Topsoil	5	5
Sandy soil	21	26
Clay	8	34
Sandstone	25	59
Blue shale	3	62
Coal	5	67
Blue shale	111	178
Sand	11	189
Blue shale	1	190
08S45E27BDBD2.--Drilled 9/66 by Reid.		
Topsoil	9	9
Clay	30	39
Sand and gravel	24	63
Shale	1	64
08S45E27BDBD3.--Drilled 9/66 by Reid.		
Topsoil	8	8
Yellow clay	27	35
Gravel and sand (water)	20	55
Blue shale	39	94
Coal	22	116
Sandstone	19	135
Blue shale	27	162
Hard rock	4	166
Blue shale	4	170
Rock	3	173
Blue shale	8	181
Sand (water)	7	188
Blue shale	2	190
08S45E28AACC.--Drilled 9/73 by Reid.		
Topsoil	6	6
Red cinders	17	23
Gray shale	47	70
Sandstone	27	97
Blue shale	33	130
Coal	25	155
Blue shale	7	162
Rock	4	166
Blue shale	44	210
Rock	3	213
Coal	26	239
Blue shale	11	250
Sand (water)	11	261
Rock	1	262
08S45E31BCCB.--Drilled 9/47. Driller unknown.		
Sandy shale	30	30
Brown gummy shale	30	60
Brown sand	20	80
Brown shale	5	85
Sandy shale	20	105
Brown shale	5	110
Coal	5	115
08S45E31BCCB.--Continued		
Hard rock	4	119
Brown shale	49	168
Coal	17	185
Brown shale	14	199
Hard rock	1	200
Gray shale	70	270
Gray sand	5	275
Brown shale	12	287
Coal	4	291
Brown shale	21	321
Hard rock	1	313
Brown shale	12	325
Coal (lost circulation at 332)	34	359
Brown shale	2	361
08S45E33BAAC.--Drilled 9/67 by Reid.		
Topsoil	8	8
Sandy soil	16	24
Sand and gravel (water)	23	47
Blue shale	3	50
08S45E36BCCC.--Drilled 9/49. Driller unknown.		
Topsoil	20	20
Soft sandrock	5	25
Shale	3	28
Rock	4	32
Blue shale	48	80
Sand	4	84
Blue shale	6	90
Sand	4	94
Blue shale	124	218
Coal	12	230
Blue shale	3	233
Sand (water)	17	250
08S46E05CBDC.--Drilled 2/74. Driller unknown.		
Topsoil	7	7
Yellow clay	20	27
Red cinder	17	44
Sand (water)	10	54
Blue shale	1	55
08S46E16DABA.--Drilled 9/49 by Golden.		
Topsoil	8	8
Sand and gravel	6	14
08S46E24CCDB.--Drilled 9/54 by Wyoming Drilling.		
Soil	11	11
Shale	7	18
Rock	2	20
Shale	9	29
Rock	1	30
Shale	3	33
Hard rock	25	58
Soft rock	4	62
Sand	8	70
Soft rock	40	110
Sand (water)	5	115
Shale	2	117
Coal (4 gal/min)	35	152
Shale	8	160

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
08S46E27BBAB.--Drilled 10/59. Driller unknown.		
Topsoil	11	11
Gravel	6	17
Coal	13	30
Blue shale	3	33
08S46E28ADD.--Drilled 7/49. Driller unknown.		
Topsoil	6	6
Soapstone	10	16
Gravel	14	30
Sandstone	16	46
Blue shale	6	52
Coal	12	64
Blue shale	11	75
08S46E28DAAC.--Drilled 9/59 by Bandy Drilling.		
Surface soil	11	11
Gravel	6	17
Coal	13	30
Blue shale	3	33
08S48E12AACA.--Drilled 7/58 by Bandy Drilling.		
Surface soil	9	9
Sand, gravel	21	30
Sandstone	18	48
Gray shale	54	102
Sand (water)	64	166
Gray shale and coal streaks	123	289
Sand (water)	56	345
Gray shale	45	390
Sand (water)	5	395
Gray shale	39	434
Hard rock	4	438
Gray shale	77	515
Sand	30	545
Gray shale	25	570
Sand (water)	25	595
Blue shale	25	620
08S48E16CCBB.--Drilled 7/58 by Bandy Drilling.		
Surface soil	11	11
Red shale	14	25
Blue shale	41	66
Hard rock	4	70
Sandstone	82	152
Coal	20	172
08S49E04CDBB.--Drilled 10/63 by Kray.		
Dark clay, with coal seams	35	35
Yellow clay	5	40
Yellow sandy clay	50	90
Gray sand (water)	15	105
Clay	25	130
09S39E24DCDC.--Drilled 7/18. Driller unknown.		
Topsoil	8	8
Sandstone	112	120
Rock	5	125
Blue shale	1	126
Coal	118	244
09S40E7CCAB.--Drilled 9/48. Driller unknown.		
Topsoil	5	5
Gravel	31	36
Sandstone	54	90
Blue shale	45	135
Rock	15	150
Blue shale	20	170
Rock	3	173
Blue shale	79	252
Slate	7	259
Coal	15	274
09S40E16DDDC.--Drilled 9/15. Driller unknown.		
Not recorded	12	12
Yellow sand	143	155
Coal	47	202
White fine clay	16	218
Shale	40	258
Coal (water)	15	273
Fine clay	17	290
Sand, shale, shell lime	70	360
Coal	6	366
Fine clay	29	395
Sandstone and clay	157	552
Coal	25	577
Clay shale	53	630
Coal (water)	35	665
Shale, sandstone, shell lime, coal	500	1165
Sandstone (water)	65	1230
Coal and shale	30	1260
Gray and brown shale	290	1550
Sandstone, shale, thin coal	390	1940
Sandy shale and dry sand	290	2230
Hard shale and gas	3	2233
Brown shale, thin sandstone (water-bearing)	552	2785
Sand thin shale (water-bearing)	505	3290
Shale and gray slate	195	3485
09S40E21CDDD.--Drilled 3/63 by Ritola Drilling.		
Clay	12	12
Sand	151	163
Blue shale	14	177
Sand (water)	9	186
Coal	12	198
Coal (water)	29	227
09S40E24CABC.--Drilled 10/72. Driller unknown.		
Topsoil	9	9
Yellow clay	4	13
Gravel and sand	27	40
Blue shale	14	54
Coal	12	66
Sandstone	9	75
Blue shale	43	118
Coal	55	173
Gray shale	8	181
Sandstone	9	190
09S40E24CACB2.--Drilled 10/72. Driller unknown.		
Alluvium	15	15

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
09S42E02ADBB.--Drilled 9/69. Driller unknown.		
Surface	8	8
Yellow sandy clay	12	20
Gravel, red shale, and clay (5 gal/min)	22	42
Rock	1	43
Blue clay	2	45
Sand	14	59
Rock	--	59
09S43E35BBCD.--Drilled 1/55 by Ritola Drilling.		
Yellow clay	33	33
Quicksand and gravel	14	47
Blue and dark shale	63	110
Hard rock	7	117
Coal (water)	94	211
Blue shale	4	215
09S43E35CADC.--Drilled 9/66 by Ritola Drilling.		
Old well	73	73
Black shale	11	84
Coal (water)	12	96
Blue shale	5	101
Rock	2	103
Blue shale	29	132
Rock	4	136
Blue shale	6	142
Rock	1	143
Blue shale	42	185
Dark shale	19	204
Rock	3	207
Dark shale	13	220
Coal (water)	15	235
09S44E10CBAD.--Drilled 10/73 by Ritola Drilling.		
Yellow clay	29	29
Gravel (water)	11	40
Dark shale	10	50
09S45E03ADCC.--Drilled 9/69 by Beaswell.		
Topsoil	5	5
Brown sandy clay	15	20
Coal	15	35
Blue shale	25	60
Coal	22	82
09S46E05ABAB.--Drilled 12/74 by Teton Drilling.		
Brown clay	20	20
Gray clay	8	28
Coal	1	29
Dark carbonaceous shale	5	34
Coal	10	44
Gray sand	41	85
Wet sand	15	100
Gray sandy shale	36	136
Coal	6	142
Gray shale	6	148
Coal	19	167
Gray sandy shale	13	180
09S46E05BCBD.--Drilled 5/74 by Drane Drilling.		
Brown clay	13	13
Sand and gravel	5	18
09S46E05ECBD.--Continued		
Coal	6	24
Yellow clay	22	46
Blue clay	37	83
Rock	3	86
Blue sand	16	102
Blue shale	28	130
Coal	30	160
Blue shale	40	200
Gray sand	60	260
Blue shale	4	264
Blue sand	4	268
Blue shale	5	273
Blue sand	4	277
Blue shale	4	281
Sandstone	18	299
Blue shale	11	310
09S46E08BACB.--Drilled 12/74 by Teton Drilling.		
Brown sand	30	30
Gray sandy shale	30	60
Coal	14	74
Gray sandy shale	12	86
Coal	2	88
Gray sandy shale	39	127
Coal	13	140
Wet sand	10	150
Gray sandy shale	25	175
Wet sand	36	211
Coal	10	221
Gray sandy shale	19	240
09S46E09BAAD.--Drilled 12/71 by Teton Drilling.		
Yellow sand	20	20
Brown sand	17	37
Soft coal	9	46
Sandy shale	4	50
Wet sand	15	65
Gray sandy shale	23	88
Coal	2	90
Gray sandy shale	4	94
Coal	11	105
Gray sandy shale	15	120
09S46E09DABB.--Drilled 12/74 by Teton Drilling.		
Yellow clay	20	20
Scoria (burn)	8	28
Soft coal	14	42
Hard coal	3	45
Gray wet sand	21	66
Gray sandy shale	20	86
Coal	2	88
Gray sandy shale	4	92
Coal	10	102
Gray sandy shale	8	110
09S46E20BCAB.--Drilled 12/74 by Teton Drilling.		
Yellow sand	20	20
Gray sandy shale	10	30
Gray sand	26	56
Coal	2	58
Gray sand	23	81
Coal	2	83
Gray sandy shale	21	104
Coal	3	107
Gray sandy shale	61	168

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
09S46E20BCAB.--Continued		
Coal	2	170
Gray sandy shale	3	173
Coal	1	174
Gray sandy shale	86	260
Coal	13	273
Gray sandy shale	22	295
Hard sandstone	12	307
Gray sandy shale	60	367
Coal	11	378
Gray shale	2	380
Wet sand	15	395
Gray sandy shale	33	428
Coal	9	437
Gray sandy shale	13	450
09S46E28BAAD.--Drilled 12/74 by Teton Drilling.		
Yellow sand	20	20
Gray sand and shale	52	72
Coal	2	74
Gray sand and shale	41	115
Coal	4	119
Gray sand and shale	68	187
Coal	3	190
Gray sandy shale	3	193
Coal	2	195
Gray sand and shale	85	280
Coal	13	293
Gray sand	66	359
Coal	13	372
Gray sand and shale	50	422
Coal	10	432
Gray sandy shale	3	435
09S49E24CCBC.--Drilled 8/71 by Ley.		
Sandy clay and quicksand	58	58
Blue clay	9	67
Dark clay	8	75
Blue clay	2	77
Dark clay and coal	7	84
Blue clay	20	104
Rock	1	105
Clay	1	106
Rock	1	107
Blue clay	25	132
Dark clay	3	135
Blue clay	3	138
Blue sand	6	144
Blue clay	3	147
09S51E21DBBB.--Drilled 1/18 by Drane Drilling.		
Clay	20	20
Red shale	5	25
Blue shale	30	55
Rock	2	57
Coal	13	70
Blue shale	10	80
Rock	5	85
Blue shale	35	120
Rock	4	124
Blue shale	3	127
Rock	2	129
Shale with sand streaks	35	164
Sand	9	173
Blue shale	2	175

	Thickness	Depth
09S51E30BDAA.--Drilled 5/51 by Bandy Drilling.		
Surface soil	8	8
Sand and gravel	18	26
Yellow sandrock	19	45
Sandy shale	45	90
Sand (water)	30	120
Shale	1	121
09S52E18BDBD.--Drilled 7/65 by Bandy Drilling.		
Surface soil	3	3
Sand	55	58
Blue shale	67	125
Sandstone	28	153
10S43E02AABA.--Drilled 1956 by Ritola Drilling. Deepened 1970 by Ley.		
Yellow sandy clay	17	17
Brown clay	18	35
Hard sand (water)	9	44
Dark shale	10	54
Hard sand (water)	11	65
Blue shale	15	80
Coal	4	84
Blue shale	25	109
Soft sand (water)	4	113
Dark shale	7	120
Coal (water)	7	127
Blue shale	13	140
Rock	2	142
Blue shale	28	170
Rock	5	175
Blue clay	11	186
Dark-blue clay	3	189
Light-blue clay	3	192
Rock	2	194
Hard blue clay	30	224
Rock	1	225
Light-blue clay	9	234
Dark and light shale	34	268
Coal (water)	31	299
Blue clay	3	302
10S43E02AACB.--Date and driller unknown.		
Yellow clay	28	28
Quicksand	16	44
Blue shale	42	86
Rock	3	89
Blue shale	3	92
Sand (water)	11	103
Dark shale	6	109
10S43E02BAAA.--Date and driller unknown.		
Yellow clay	8	8
Sandrock	12	20
Yellow clay	11	31
Blue and dark shale	24	55
Sand (water)	13	68
Blue and dark shale	60	128
Coal(2.5 gal/min)	12	140
Blue and dark shale	59	199
Rock	3	202
Blue shale	4	206
Blue and dark shale	77	285
Coal (water)	20	305

Table 3.--Logs of wells and test holes--Continued

	Thickness	Depth
10S43E06ABAC.--Drilled 9/58. Driller unknown.		
Yellow clay	26	26
Blue shale	10	36
Sandrock (water seep)	5	41
Hard rock	3	44
Blue shale	18	62
Sandrock (water seep)	14	76
Blue shale	12	88
Coal	14	102
Blue shale	48	150
Sandrock (water seep)	10	160
Blue shale	1	161

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