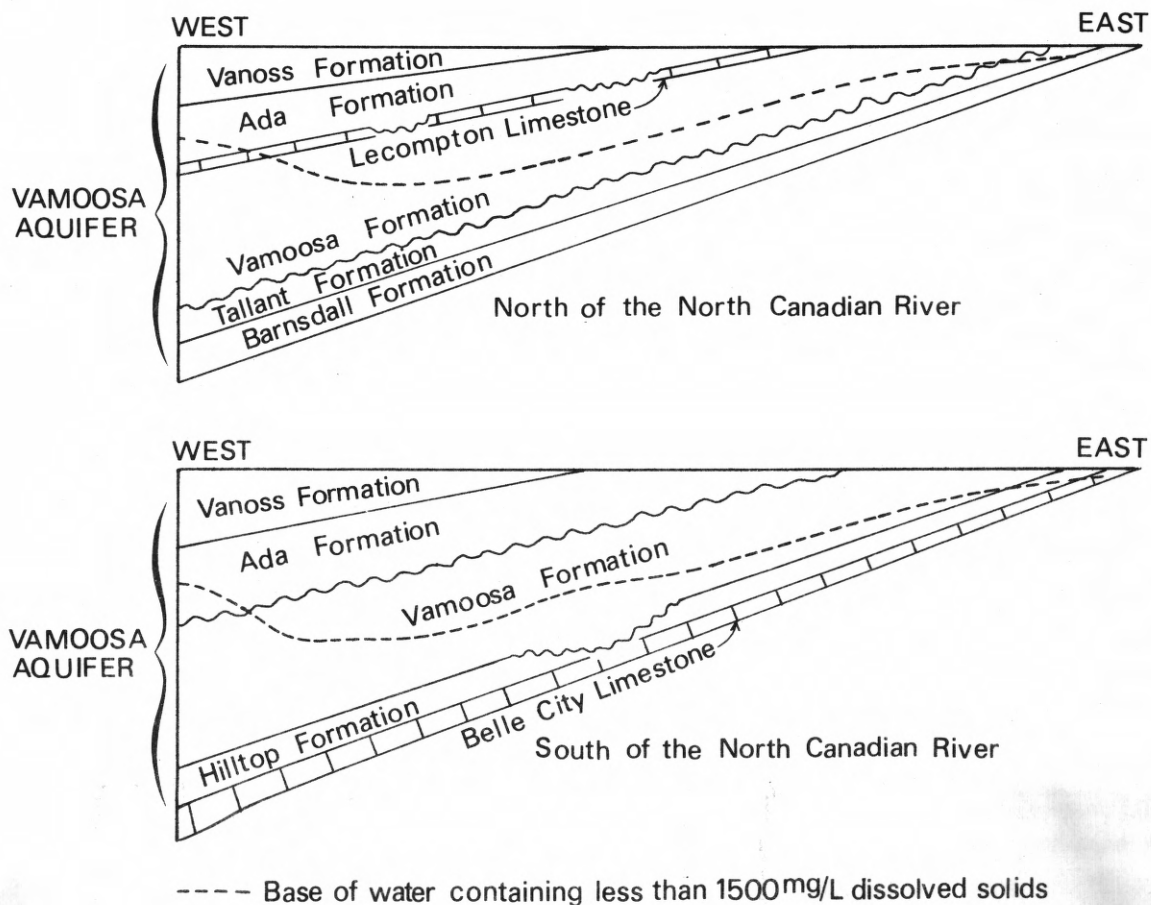


# HYDROLOGIC DATA FOR THE VAMOOSA AQUIFER, EAST-CENTRAL OKLAHOMA

U. S. GEOLOGICAL SURVEY

Open-File Report 77-487



Prepared in cooperation with the  
OKLAHOMA GEOLOGICAL SURVEY



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
Geological Survey

HYDROLOGIC DATA FOR THE VAMOOSA  
AQUIFER, EAST-CENTRAL OKLAHOMA

By Joseph J. D'Lugosz and Roger G. McClafin

---

Open File Report 77-487

Prepared in cooperation with the  
OKLAHOMA GEOLOGICAL SURVEY

Oklahoma City, Oklahoma

July 1977



## CONTENTS

	Page
Introduction.....	2
Selected references.....	4
Explanation of information in the tables.....	9
Conversion factors.....	10

## ILLUSTRATIONS

Figure 1.--Map showing the location of the study area.....	1
Figure 2.--Hydrologic data for Hilliby Creek basin.....	11
Figure 3.--Hydrologic data for Polecat Creek basin.....	12
Figure 4.--Well hydrographs and monthly precipitation.....	13

## TABLES

Table 1.--Records of selected wells.....	14
Table 2.--Chemical analyses of water from selected wells.....	28
Table 3.--Stream site data.....	32





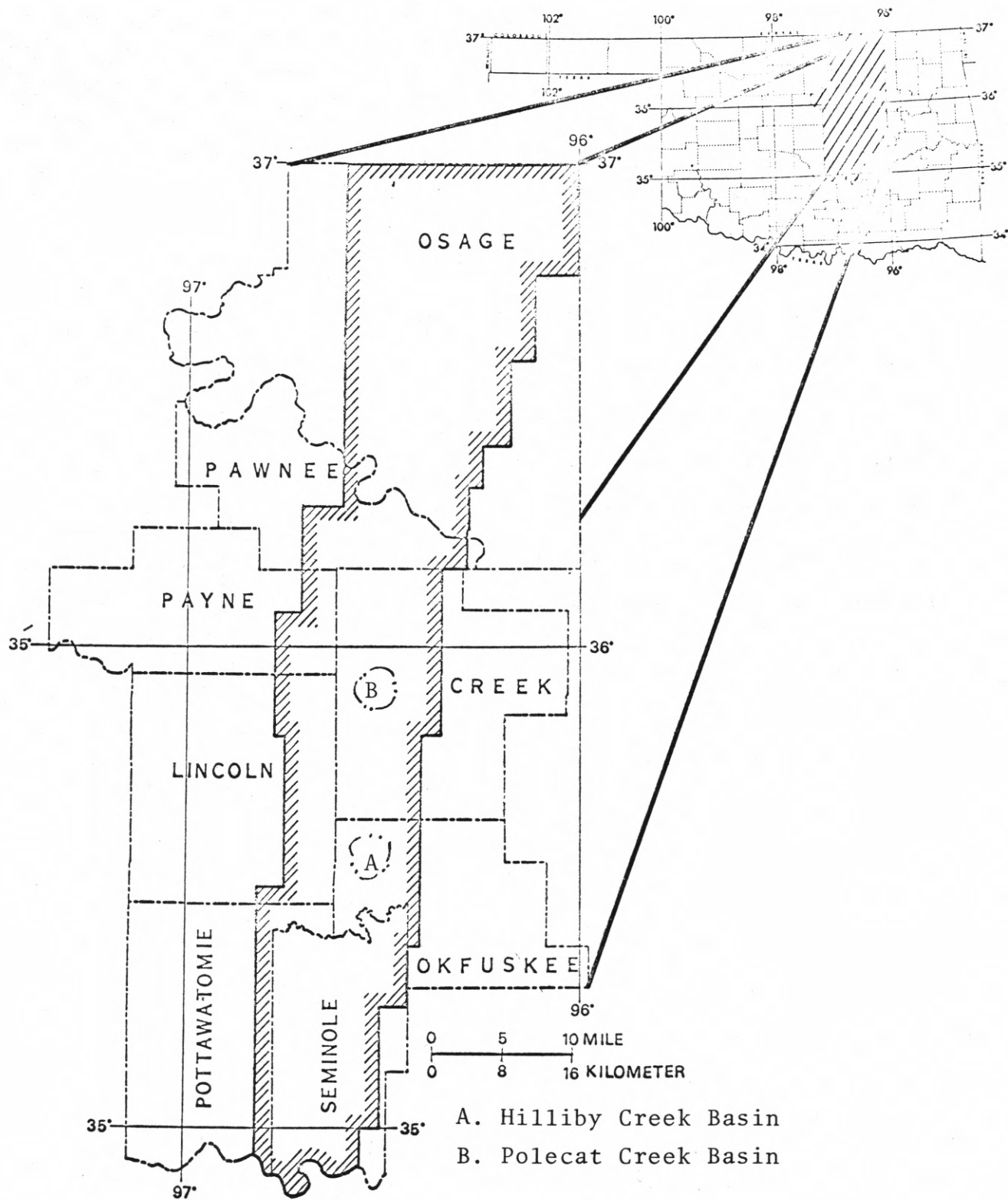


Figure 1.--Location of the study area.

Hydrologic data for the Vamoosa aquifer,

east-central Oklahoma

by

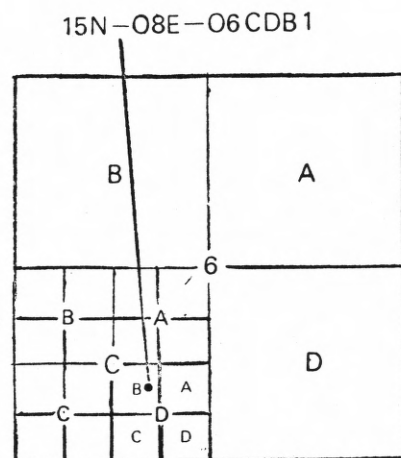
Joseph J. D'Lugosz and Roger G. McClaflin

### Introduction

Most of the data presented in this report were collected by the U.S. Geological Survey as part of a study of the geohydrology of the Vamoosa aquifer, in east-central Oklahoma, in cooperation with the Oklahoma Geological Survey. Some of the data listed in the tables were collected by Bingham and Moore (1975) and Bingham and Bergman (in press).

Acknowledgment is extended to city officials and individuals who provided the data for this report.

The standard method of giving location by fractional section, section, township, and range is replaced by the method illustrated in the diagram below. The location of the site indicated by the dot normally would be described as NW 1/4 SE 1/4 SW 1/4 sec. 6, T. 15 N., R. 08 E. The method used in this report reverses the order and indicated quarter subdivisions of the section by letters. By this method the location of the site is given as 15N-08E-06CDB1. The final digit (1) is the sequential number of a site within the smallest fractional subdivision. Some of the sites are located only to the nearest section or quarter section.



## Selected References

Bass, N.W., Kennedy, L.E., Dillard, W.R., Reese, William, Leatherock, Otto, Hengst, J.H., 1938, Subsurface geology and oil and gas resources of Osage County, Oklahoma, Pt. 1, Townships 22 and 23 North, Ranges 10 and 11 East: U.S. Geol. Survey Bull. 900-A, p. 1-45.

Bass, N.W., Kennedy, L.E., Dillard, W.R., Reese, William, Leatherock, Otto, Hengst, J.H., 1939, Subsurface geology and oil and gas resources of Osage County, Oklahoma, Pt. 3, Townships 24 and 25 North, Ranges 8 and 9 East: U.S. Geol. Survey Bull. 900-C, p. 88-129.

Beckwith, H.T., 1928, Oil and gas in Oklahoma; geology of Osage County: Oklahoma Geol. Survey Bull. 40-T, 63 p.

Berryhill, R.A., 1961, Subsurface geology of south-central Pawnee County, Oklahoma: Oklahoma City Geol. Soc. Shale Shaker, v. 12, no. 41, p. 2-18.

Bingham, R.H. and Moore, R.L., 1975, Reconnaissance of the water resources of the Oklahoma City quadrangle, central Oklahoma: Oklahoma Geol. Survey Hydrol. Atlas 4, 4 maps.

Bingham, R.H. and Bergman, D.L., 1978, Reconnaissance of the water resources of the Enid quadrangle: Oklahoma Geol. Survey Hydrol. Atlas 7, 4 maps (in press).

- Branson, C.C., 1956, Pennsylvanian history of northeastern Oklahoma:  
Tulsa Geol. Soc. Digest, v. 24, p. 83-86.
- Brensing, D.G., Oakes, Harvey, Scriven, David, Talley, E.C., Mikles, H.P.,  
Thorp, James, 1959, Soil Survey of Creek County, Oklahoma: U.S.  
Dept. of Agriculture, Soil Conservation Service, Series 1950,  
no. 5, 43 p.
- Buckhannan, W.H., Bogard, V.A., Bush, H.H., Carson, A.D., Graham, E.O.,  
Sparwasser, W.A., Walker, G.D., Carter, W.T., 1952, Soil Survey of  
Okfuskee County, Oklahoma: U.S. Dept. of Agriculture, Soil Conser-  
vation Service, Series 1940, no. 7, 110 p.
- Burwell, A.L., 1942, The possibility of magnesia from Oklahoma oil  
field brines: Oklahoma Geol. Survey Mineral Report 14, 14 p.
- Chenoweth, P.A., 1959, Sources of the Vamoosa quartzite pebbles:  
Oklahoma Geol. Survey Oklahoma Geology Notes, v. 19, no. 11,  
p. 229-232.
- Collins, A.G., and Egleson, G.C., 1967, Iodide abundance in oil-field  
brines in Oklahoma: Science, v. 156, no. 3777, p. 934-935.
- Cutolo-Lotano, Francisco, 1969, Subsurface geology of the Seminole  
area, Seminole, Pottawatomie, and Okfuskee Counties, Oklahoma:  
Oklahoma City Geol. Soc. Shale Shaker, v. 19, no. 7, p. 118-130.
- Fambrough, J.W., 1963, Isopach and lithofacies study of Virgilian and  
Missourian series of north-central Oklahoma: Oklahoma City Geol.  
Soc. Shale Shaker, v. 13, no. 5, p. 2-8, 10-12, 14-23, 26.
- Foley, L.L., 1926, The origin of the faults in Creek and Osage Counties  
Oklahoma: Am. Assoc. Petroleum Geologists Bull., v. 10, no. 3,  
p. 293-303.

Fronjosa, Ernesto, 1965, A study of Oklahoma water flood statistics:

Oklahoma Univ. unpub. M.S. thesis, 87 p.

Galloway, H.M., Templin, E.H., Oakes, Harvey, 1959, Soil Survey of Pawnee County, Oklahoma: U.S. Dept. of Agriculture, Soil Conservation Service, Series 1952, no. 4, 71 p.

Greig, P.B., Jr., 1950, Geology of Pawnee County, Oklahoma: Oklahoma Geol. Survey Bull. 83, 188 p.

Hart, D.L., Jr., 1974, Reconnaissance of the water resources of the Ardmore and Sherman quadrangles, southern Oklahoma: Oklahoma Geol. Survey, Hydrol. Atlas 3, 4 maps.

Ickes, E.L., 1926, Origin of the faults in Creek and Osage Counties, Oklahoma: Am. Assoc. Petroleum Geologists Bull., v. 10, no. 7, p. 722-729.

Kennedy, L.E., 1940, Subsurface geology and oil and gas resources of Osage County, Oklahoma: U.S. Geol. Survey Bull. 900-D, part 4, p. 131-172.

Kirk, M.S., 1957, A subsurface section from Osage County to Okfuskee County, Oklahoma: Oklahoma City Geol. Soc. Shale Shaker, v. 7, no. 6, p. 204.

Koschmann, A.H., 1928, Oil and gas in Oklahoma; geology of Payne County: Oklahoma Geol. Survey Bull. 40-X, 13 p.

Kramer, W.B., 1939, Enechelon faults in Oklahoma: Am. Assoc. Petroleum Geologists Bull. v. 18, no. 2, p. 243-248.

Levorson, A.I., 1928, Oil and gas in Oklahoma, Geology of Seminole County: Oklahoma Geol. Survey Bull. 40-BB, 70 p.



- Masters, K.E., 1957, Geology of the Prague area Lincoln and Pottawatomie Counties, Oklahoma: Oklahoma City Geol. Soc. Shale Shaker, Digest II, v. VI-VIII.
- Morganelli, Daniel, 1973, Depositional environment and trend of uppermost part of the Vamoosa Formation and Lecompton Limestone in the eastern part of north-central Oklahoma: Oklahoma State Univ. unpub. M.S. thesis, 68 p.
- Oakes, M.C., 1959, Geology and mineral resources of Creek County, Oklahoma: Oklahoma Geol. Survey Bull. 81, 134 p.
- Oklahoma Water Resources Board, 1971, Appraisal of the water and related land resources of Oklahoma, (Region 8): Oklahoma Water Resources Board pub., no. 34, 141 p.
- , 1971, Appraisal of the water and related land resources of Oklahoma, (Region 9): Oklahoma Water Resources Board pub. 36, 149 p.
- , 1972, Appraisal of the water and related land resources of Oklahoma, (Region 10): Oklahoma Water Resources Board pub. 40, 137 p.
- Powers, Sidney, 1927, The Seminole uplift Oklahoma: Am. Assoc. Petroleum Geologists Bull., v. 11, no. 10, p. 1097-1108.
- Ries, R.E., 1954, Geology and mineral resources of Okfuskee County, Oklahoma: Oklahoma Geol. Survey Bull. 77, 120 p.
- Sherrill, R.E., 1929, Origin of the en echelon faults in north-central Oklahoma: Am. Assoc. Petroleum Geologists Bull., v. 13, no. 10, p. 31-37.
- Tanner, U.F., 1956a, Geology of north-eastern Osage County, Oklahoma: Oklahoma Geol. Survey Circ. 40, 76 p.



----- , 1956b, Geology of Seminole County, Oklahoma: Oklahoma Geol.

Survey Bull. 74, 175 p.

Terrell, D.M., 1972, Trend and genesis of the Pennsylvanian Elgin Sandstone in the western part of north eastern Oklahoma: Oklahoma State Univ. unpub. M.S. thesis, 79 p.

U.S. Geological Survey, 1974, Water resources data for Oklahoma: Part 1, Surface water records, 194 p.

Williams, G.E. and Bartolina, D.G., 1970, Soil survey of Lincoln County, Oklahoma: U.S. Dept. of Agriculture, Soil Conservation Service, 57 p.

## Explanation of Information in the Tables

(Well Depth) Depth of the well below land surface to the nearest foot.

Numbers following the depth of the well are accuracy codes as follows:

- 0. Accurate within 1 foot
- 1. Less than 1 foot
- 5. Estimated
- 6. Reported

(Water Use) Water use is coded as follows:

- C. Commercial
- H. Domestic
- I. Irrigation
- P. Public supply
- S. Stock supply
- U. Unused

(Depth to water) Depth to the water level below land surface. Letters following the water level are accuracy codes as follows:

- A. Tape - better than 1 foot
- B. Tape - less than 1 foot
- G. Reported

(Aquifer Code) The Vamoosa aquifer consists of the Vamoosa Formation and all underlying and overlying formations which are lithologically similar and are hydrologically connected.

The individual codes are as follows:

(Aquifers)--

Informal Terms - OA Alluvium

OT Terrace deposits

Pennsylvanian - DA Vanoss Formation

DB Ada Formation

DE Vamoosa Formation

(Remarks) The code used is as follows:

E. - Electric log

D. - Driller's log

J. - Gamma ray log

Q. - Water-quality data available

R. - Radiation logs

S. - Spring

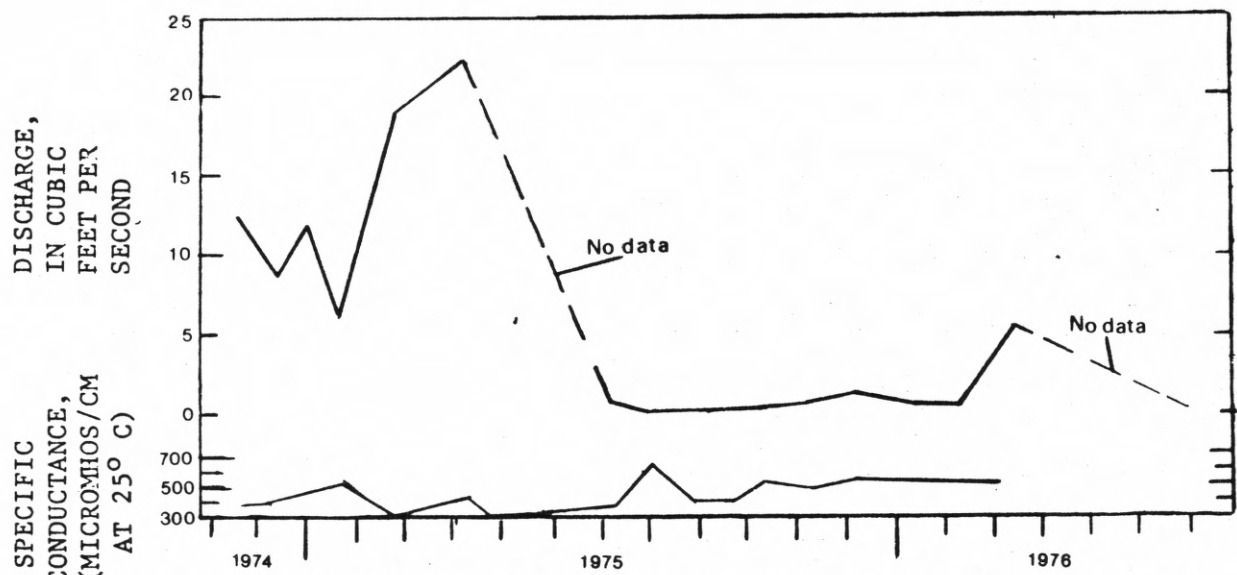
BR. - Bromide concentration in mg/L

INJ. - Injection well

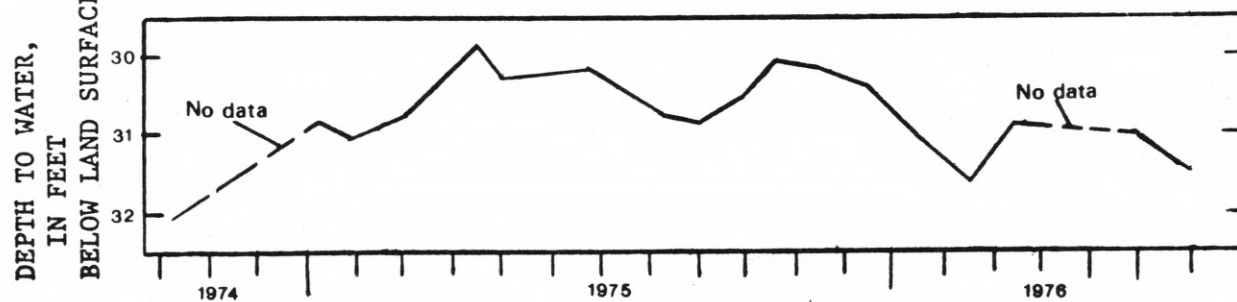
#### Conversion Factors

English units used in this report may be converted to metric units by the following conversion factors:

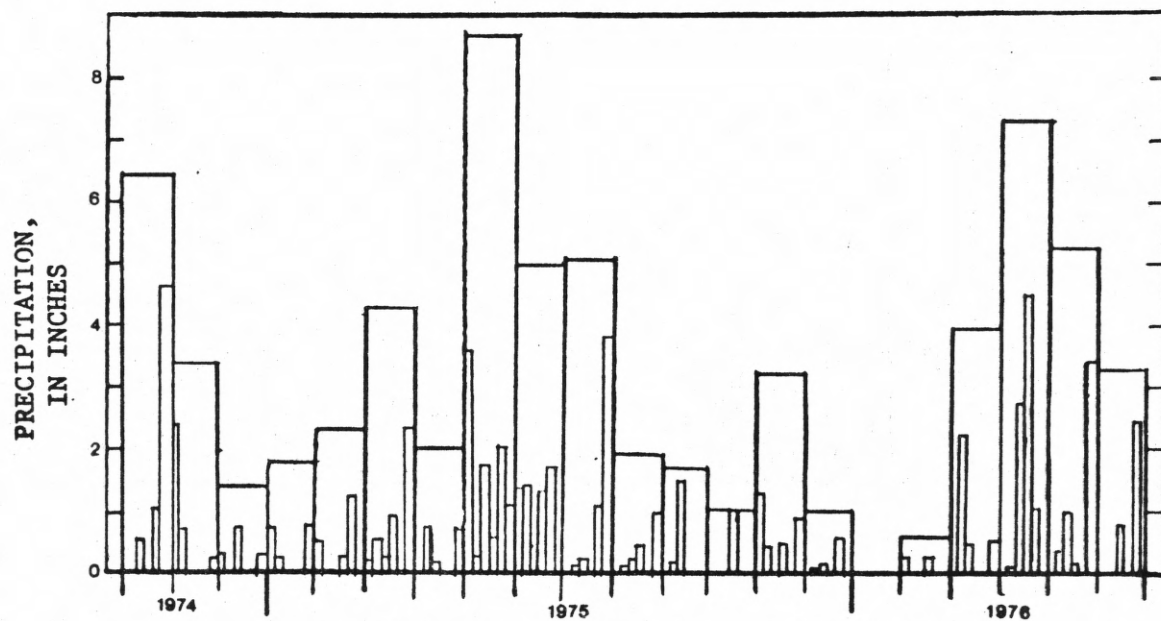
<u>Multiply English unit</u>	<u>By</u>	<u>To obtain Metric unit</u>
Inches (in)	25.4	Millimeters (mm)
Feet (ft)	.3048	Meters (m)
Gallons per minute (gal/min)	.06309	Liters per second (L/s)
Cubic feet per second (ft <sup>3</sup> /s)	.02932	Cubic meters per second (m <sup>3</sup> /s)



Monthly discharge and specific conductance of Hilliby Creek



Average monthly water level in seven wells



Monthly and five day precipitation

Figure 2.--Hydrologic data for Hilliby Creek basin

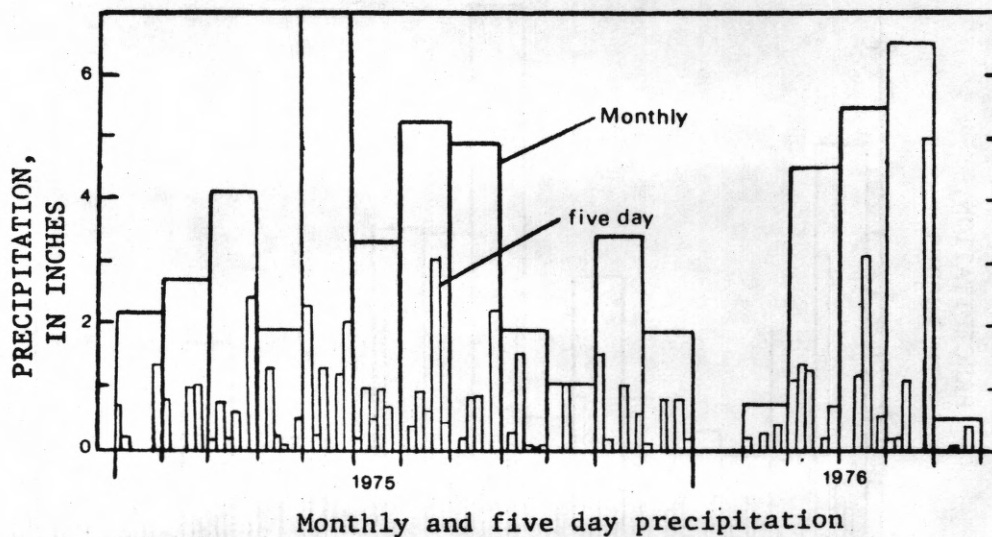
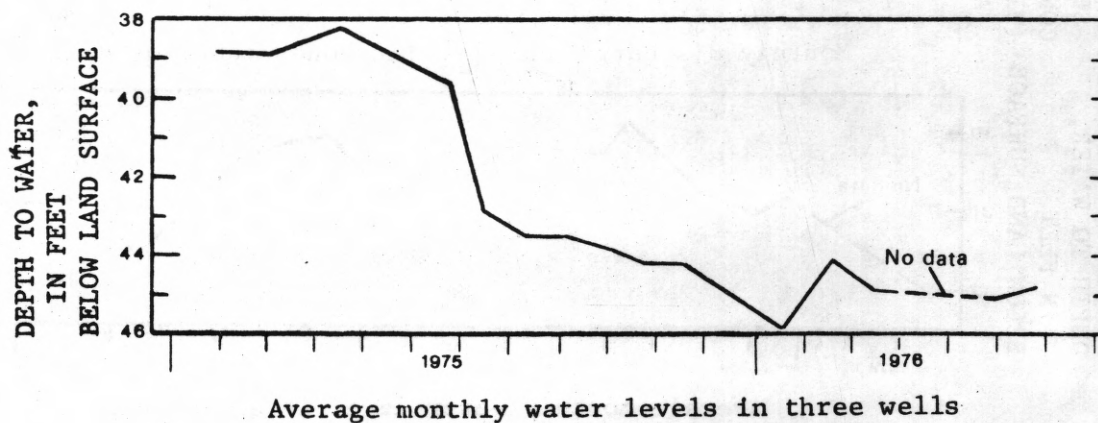
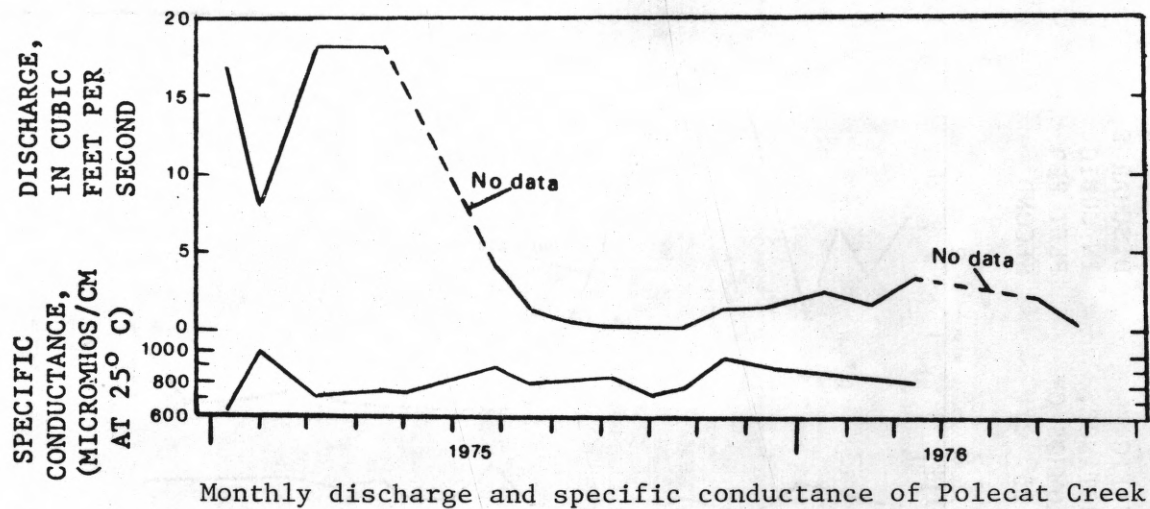


Figure 3.--Hydrologic data for Polecat Creek basin

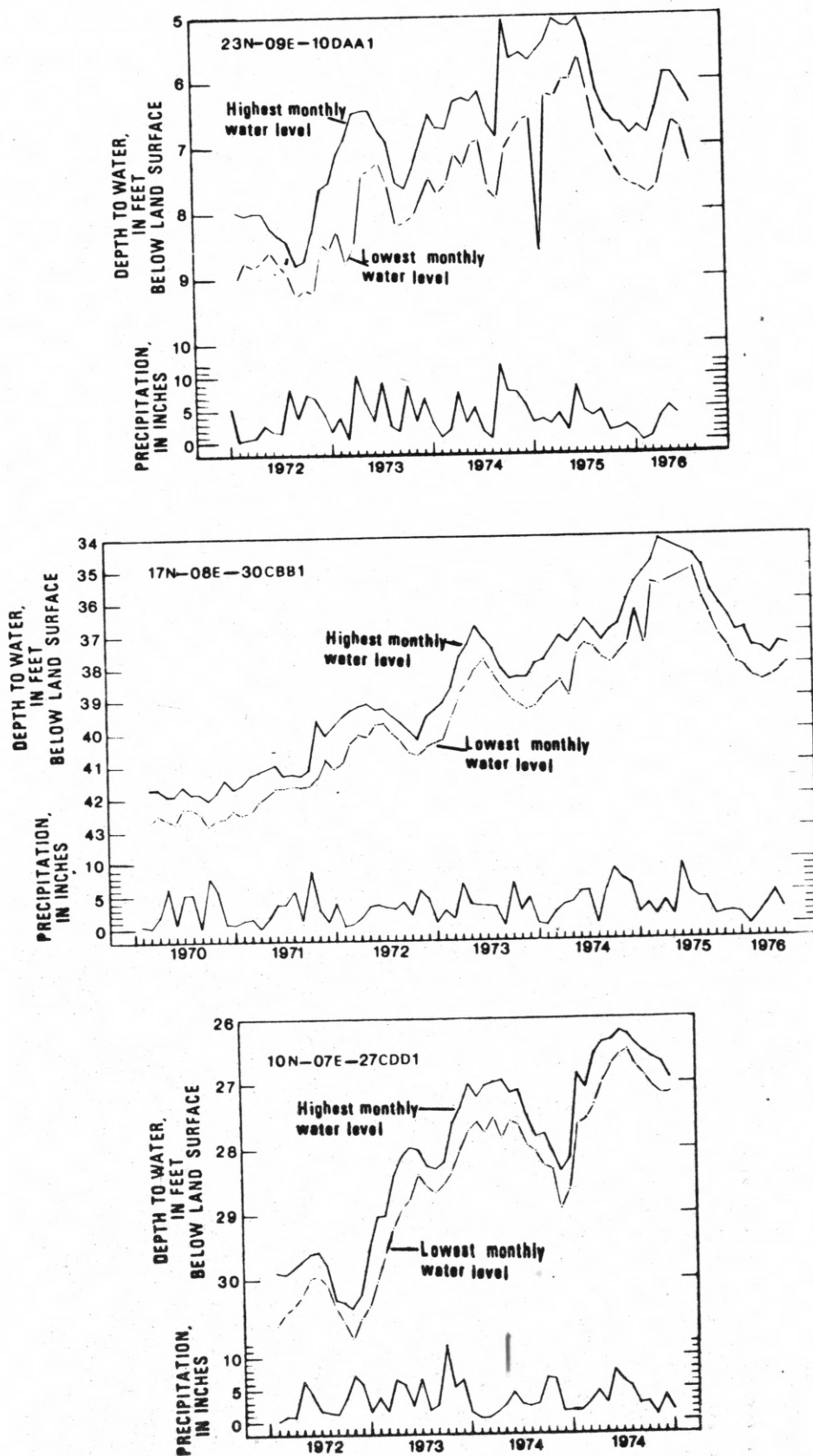


Figure 4.--Well hydrographs and monthly precipitation



Table 1.--Records of selected wells.

## SEMINOLE COUNTY

WELL LOCATION	OWNER OR USER	YEAR DRILLED	WELL DEPTH (FT)	WATER USE	WELL DIAMETER (IN)	DEPTH TO WATER (FT)	DATE MEASURED (MO-YR)	WELL YIELD (GAL/MIN)	AQUIFERS	ALTITUDE OF LAND SURFACE (FT)	REMARKS
05N-05E-10888 1	CUTNER, M.A.	1939	700 0	H	8	60 A	11-74		DE	1042	
05N-05E-12888 1	MCCRAW		202 0	H	6	37 A	11-74		DE	920	
05N-05E-250AD 1	PHILLIPS, V.H.	1962	236 0	H		170 A	11-74		DE	950	Q
05N-06E-048DC 1	JACKSON, G.	1974	150 0	H	6	84 A	11-74		DE	855	
06N-05E-10CCD 1			123 0	U	6	24 A	5-70		DA	915	
06N-05E-118AB 1	BARGER, W.H.	1950	160 6	H		71 A			DE	920	
06N-05E-11CDD 1	MORGAN, C.		70 0			39 A	11-74		DE	902	
06N-05E-26CBH 1	KUNAWA CITY OK			P		61 A	11-74		DE	990	
06N-05E-260DB 1	KUNAWA CITY OK		200 6	P		29 A	11-74		DE	940	
06N-05E-27DAA 1	KUNAWA CITY OK			P	6	36 A	11-74		DE	965	
06N-06E-07DAD 1	WOODY, R.		196 0		8	24 A	11-74		DE	930	
06N-06E-10AAD 1			42 0	U	5	19 A	5-70		DB		
06N-06E-12ACC 1	DUOLEN, R.	1962	214 6	H		39 A	11-74		DE	870	
06N-06E-16DDD 1	VANDUSA SCHOOL			P					DE	955	Q
06N-06E-25CCC 1	MULLINS, L.		81 0	H	6	36 A	11-74		DE	950	
07N-05E-02CCB 1	RAPER, D.		100 6	H	6	41 A	11-74		DE	910	
07N-05E-120DC 1				H					DE	910	
07N-05E-13ACC 1	HALL, R.L.	1959	65 6	H	6	49 A	11-74	3	DE	865	
07N-05E-220DD 1				H	6				DE	930	
07N-05E-26888 1	CLARK, G.W.	1964	180 6	H		15 A	11-74		DE	915	
07N-05E-27AAA 1			40 0	U	6	7 A	11-74		DE	925	
07N-06E-05CDD 1			82 0	U	4	36 A	11-74		DE	920	
07N-06E-13BCA 1	STAUFFER, C.	1970	214 6	H		117 A	11-21		DE	915	
07N-06E-16CCD 1			82 0	U	6	54 A	11-74		DE	900	
07N-06E-23BCB 1	MULLEN, J.	1954	321 0	H	6	121 A	11-74		DE	855	Q
07N-06E-31ADD 1	HOLLISON, T.			H	6	16 A	11-74		DE	910	
07N-06E-33BDD 1	MAPCO INC	1937	126 6	N	6	60 A	11-74		DE	945	Q
07N-06E-340CD 1	HEARD, J.T.	1962	217 6	H	6	87 A	11-74		DE	870	
07N-07E-05ARB 1	WIECK, J.	1969	180 6	H	6	46 A	11-74		DE	980	Q
08N-05E-100DD 1	UNKNOWN		143 0	U		37 A	11-74		DE	943	
08N-05E-11AAD 1			125 0	U	6	59 A	12-74		DE	975	
08N-05E-120DD 1	UNKNOWN		75 0	U		8 A	11-74		DE	930	
08N-05E-248DA 1	NALLS, B.		92 6	U	6	32 A	11-74		DE	925	
08N-05E-36DAA 1			131 0	H	6	23 A	11-74		DE	925	
08N-06E-030DC 1	BOWLEGS OK.	1972	550 6	S		284 A	11-74	145	DE	970	
08N-06E-07CCD 1			59 0	U		50 A	5-70		DA	955	
08N-06E-070DC 1	PARSON, J.	1970	721 5	H		194 A	11-74		DE	1020	
08N-06E-090DD 1	UNKNOWN		410 0	U	6	184 A	11-74		DE	875	
08N-06E-1088C 1	HEISKILL, J.J.	1963	178 6	H					DE	920	Q
08N-06E-140CC 1	SCHAEFFER, H.	1930	500 6	U	6	162 A	11-74		DE	955	Q

Table 1.--Records of selected wells.--Continued

## SEMINOLE COUNTY

WELL LOCATION	OWNER OR USER	YEAR DRILLED	WELL DEPTH (FT)	WATER USE	WELL DIAMETER (IN)	DEPTH TO WATER (FT)	DATE MEASURED (MO-YR)	WELL YIELD (GAL/MIN)	AQUIFERS	ALTITUDE OF LAND SURFACE (FT)	REMARKS
08N-06E-14DCC 1	SCHAEFFER, H.	1930	500 6	U	6	162 A	11-74		DE	955	Q
08N-06E-14DDD 1	SCHAEFFER, H.	1930	500 6	H	6	195 A	11-74		DE	975	
08N-06E-14DDD 1	SCHAEFFER, H.	1930	500 6	H	6	195 A	11-74		DE	975	O
08N-06E-21DAA 1	BOWLEGS OK.	1972	550 6	P	6	174 A	11-74		DE	930	O
08N-06E-25CCD 1	CUL. MARSHALL	1924	165 6		6				DE	880	O
08N-06E-25DDA 1			50 6	H	6	20 G		2	DE	925	
08N-06E-26CUC 1	RALSTON,		125 6	H	6	91 A	11-74		DE	935	
08N-06E-36ACC 1			8 0	U		3 A	11-74		DE	855	
08N-07E-06BC 1	UNITED PIPE CO.		160 6	N		37 G		40	DE	875	
08N-07E-06BC 2	UNITED CLAYPIPE		175 6	N		40 G		40	DE	875	
08N-07E-07ADD 1	BOWLEGS OK	1972	600 6	P		105 A	11-74	83	DE	805	Q
08N-07E-29ABA 1	CHAFFIN, I. A.	1960	50 0	H	8	20 A	11-74		DE	895	
08N-07E-31BAB 1			50 0	H	6	10 A	4-71		DE	945	Q
08N-07E-32CCD 1	BELELHYMER, E.		100 6	H		78 A	11-74		DE	975	
09N-05E-03BBA 1			135 0	H	6	26 A	12-74		DE	995	
09N-05E-11AAA 1			180 6	H	6	158 A	12-74		DE	980	
09N-05E-15DDD 1	BURNER, B		112 0	U	6	29 A			DE	962	Q
09N-05E-34AAD 1			110 6	H	6	49 A	12-74		DE	915	
09N-05E-36ACC 1			38 0	U	8	11 A	10-70		DA	965	
09N-06E-17AC 1	SEMINOLE OK	1954	718 6	P	11	173 G		75	DE	900	
09N-06E-17BHC 1	SKELLY GAS CO.		496 1	U	8	114 A	9-47		DE	950	
09N-06E-17H 1	SKELLY GAS CO.			U	8	132 A	10-47		DE	920	
09N-06E-20AA 1	SEMINOLE, OK.	1945	753 6	P	12			150	DE	930	Q
09N-06E-20ABD 1	SEMINOLE, OK. 22		816 0	P	8	258 A	1-75	290 2	DE	935	Q
09N-06E-210BC 1	SEMINOLE, OK.	1954	757 6	P	11	217 G			DE	915	J
09N-06E-22AC 1	SEMINOLE OK		704 6	P		150 G		170	DE	895	
09N-06E-22AC 2	SEMINOLE OK	1949	720 6	P	11	150 G		115	DE	890	
09N-06E-22BB 1	SEMINOLE OK		734 6	P	11	150 G		200	DE	880	
09N-06E-22BHC 1	SEMINOLE OK		698 6	P		198 G		135	DE	875	
09N-06E-26B 1	SEMINOLE OK		804 6	P		214 G		391 2	DE	855	
09N-06E-26CA 1	PURE OIL CO.		450 6	N					DE	900	Q
09N-06E-27BB 1	SEMINOLE OK	1945	641 6	P	9	200 G		80	DE	870	
09N-06E-27CC 1	SEMINOLE OK		625 6	P	10	200 G		30	DE	855	
09N-06E-28CA 1	SEMINOLE OK		755 6	P		220 G			DE	890	
09N-06E-28C 1	SEMINOLE OK		553 6	P		126 A	1-75	50	DE	862	
09N-06E-28DD 1	SEMINOLE OK		620 6	P		200 G		150	DE	858	
09N-06E-28DD 2	SEMINOLE OK		815 6	P	12	200 G		85	DE	855	
09N-07E-03CDB 1	CLINKENBEARD, C	1971	150 6	H	6	42 A	12-74		DE	990	Q
09N-07E-06CDD 1			22 0	H	10	10 A	5-70		DE	1030	
09N-07E-09BBA 1			120 0	S	6	86 A	1-70		DE	1040	Q
09N-07E-20DDH 1	HUGHES, B		165 0	H	6	129 A	12-74		DE	945	
09N-07E-22BCD 1	DANIELSON, D			H	6	64 A	12-74		DE	975	



Table 1.--Records of selected wells.--Continued

## SEMINOLE COUNTY

WELL LOCATION	OWNER OR USER	YEAR DRILLED	WELL DEPTH (FT)	WATER USE	WELL DIAMETER (IN)	DEPTH TO WATER (FT)	DATE MEASURED (MO-YR)	WELL YIELD (GAL/MIN)	AQUIFERS	ALTITUDE OF LAND SURFACE (FT)	REMARKS
09N-07E-320CD 1	HOUCK, L.		250 6	H	6	74 A	12-74		DE	965	
10N-05E-01CBB 1	JUDD, H.		189 0	H	6	29 A	1-75		DE	965	Q
10N-05E-13CDD 1			38 0	U	8	15 A	1-70		DA	970	
10N-05E-35DDU 1			34 0	U	5	29 A	1-70		DA	1000	
10N-06E-01CCD 1	SMITH, G.	1966	85 6	H	6	21 A	1-75		DE	955	
10N-06E-13CCD 1	KERNAL, E.	1973	150 6	H	6	41 A	1-75		DE	975	
10N-06E-17ADD 1	JARVIS, HENRY		25 0	U	6	9 A	1-70		DA	915	Q
10N-06E-320DD 1			60 0	U	6	27 A	1-70		DA	1025	
10N-06E-34AAD 1	MCCOWN	1930		H	6	120 A	1-75		DE	1065	
10N-07E-09AAA 1			25 0	H	8	10 A	5-70		DE	915	
10N-07E-11BAA 1	LARNEY, R.		78 0	H	6	19 A	1-75		DE	905	
10N-07E-15CUC 1	UNKNOWN			H	6	28 A	1-75		DE	925	
10N-07E-18BCC 1	CHURCH		42 0	H	8	19 A	5-70		DB	995	Q
10N-07E-27CDD 1	BUR MCDANIEL		113 0	U	6	25 A	12-71		DE	1000	
10N-07E-30BBC 1			60 6	H		15 G		20	DE	985	
11N-05E-24UCC 1	CRAIN, J.		150 6	H	6	17 A	1-75		DE	945	
11N-05E-35UCC 1	DECKER, J.		175 0	H	6	75 A	1-75		DE	980	
11N-05E-36BBB 1	UNKNOWN		67 0	U	6	35 A	1-75		DE	955	
11N-05E-36DDU 1	WILLIAMS, V.D.		280 6	H	6	81 A	1-75		DE	985	
11N-06E-33CCD 1	HART, E.A.		100 0	H	6	41 A	1-75		DE	965	
11N-06E-34BCC 1	NOSALEKRESTAURA		198 6	C	6			20	DB	928	Q
11N-06E-35BBC 1	YOUNG, A.		116 0	H	6	61 A	1-75		DE	928	
11N-07E-13CHH 1	FULTON, C.	1974	112 6	H		95 A	1-75		DE	935	
11N-07E-31CBB 1			81 0	U	6	47 A	5-70		DE	985	
11N-07E-32BAA 1	AUSTIN, A.	1960	179 6	H	6	72 A	1-75		DE	950	
11N-07E-35AAC 1	LARNEY		152 6	H	5	15 G			DE	905	Q
11N-08E-22BBB 1	URR, M.	1973	82 6	H	6	18 A	1-75		DE	890	

Table 1.--Records of selected wells.--Continued

## POTTAWATOMIE COUNTY

WELL LOCATION	OWNER OR USER	YEAR DRILLED	WELL DEPTH (FT)	WATER USE	WELL DIAMETER (IN)	DEPTH TO WATER (FT)	DATE MEASURED (MO-YR)	WELL YIELD (GAL/MIN)	AQUIFERS	ALTITUDE OF LAND SURFACE (FT)	REMARKS
08N-05E-33AAB 1	MAUD, UK.	1927	668 0	P					DE	945	Q
08N-05E-33ABB 1	MAUD, UK.		650 6	S	6	238 A	11-74	25	DE	950	
08N-05E-33ACC 1	MAUD, UK.		650 6	P	6	208 A	11-74	55	DE	930	
09N-05E-04DCC 1	JONES, IF		248 0	H		140 A	1-75		DE	1065	Q
09N-05E-08HAA 1	EARLSBURG, UK.		165 0	U	6	63 A	1-75		DE	1015	
09N-05E-08CAA 1	EARLSBORG OK		700 6	U	6	215 A	1-75		DE	1015	
09N-05E-17CCD 1	UNKNOWN		53 0	U		15 A	1-75		DE	955	
09N-05E-29AAA 1	GWARTNEY, J.		47 6	H		3 A			DE	970	
11N-06E-06CCC 1	DIXON, J.M.		220 6	H		40 G			DA	983	Q
11N-06E-15ADD 1			72 0	U	8	53 A	6-70		DB	994	
11N-06E-20D 1	AFFENTROUGER, V		37 6	I	6	9 G		100	DA	885	
11N-06E-27AC 1	WHITE, MINNIE		45 6	I	36	20 G		365	DA	895	
11N-06E-27AC 1	WHITE, MINNIE		43 6	I	36	20 G		335	DA	890	

Table 1.--Records of selected wells.--Continued

## OKFUSKEE COUNTY

WELL LOCATION	OWNER (OR USER)	YEAR DRILLED	WELL DEPTH (FT)	WATER USE	WELL DIAMETER (IN)	DEPTH TO WATER (FT)	DATE MEASURED (MO-YR)	WELL YIELD (GAL/MIN)	AQUIFERS	ALTITUDE OF LAND SURFACE (FT)	REMARKS
11N-06E-12DCC 1	STRICKLIN, J.	1969	188 0	H	6	104 A	1-75		DE	975	
11N-07E-12AAA 1			60 0	U		34 A	2-70		DE	895	
11N-07E-16DCC 1			85 0	U	6	63 A	2-70		DE	1015	
11N-08E-11CBB 1	DELLA MUSTIN		66 0	H	5	24 A	1-75		DE	0925	
12N-07E-02BHC 1	WEST, P.	1969	104 0	H		70 A	10-74		DE	860	
12N-07E-04ABA 1	LADRITH, P.	1969	110 6	H	8	50 A	10-74		DE	940	
12N-07E-06ADD 1	FITE, W.W.		72 0	H	8	46 A	10-74		DE	940	
12N-07E-07AAD 1	IRICK, J.L.	1961	181 6		7	43 A	10-74		DE	890	
12N-07E-08DAD 1			106 0	I	8	23 A	10-74		DE	895	
12N-07E-10ABD 1	WALLIS, A.C.		126 0	U		42 A	10-74		DE	880	
12N-07E-11ABB 1	DYER, B.	1969	121 0	H	8	54 A	10-74		DE	870	
12N-07E-13CUD 1			41 0	U	5	16 A	2-70		DE	870	
12N-07E-17DCC 1	CLUNTS, S.	1968	157 0	H	8	97 A	10-74		DE	990	
12N-07E-18ADA 1	WEST, H.		142 0	H	8	129 A	10-74	7	DE	990	
12N-07E-20BBA 1			104 0	H	6	55 A	10-74		DE	940	
12N-07E-21AAA 1	PADEN OK		300 6	P				60	DE	1010	
12N-07E-27BBB 1	GLEN WATKINS		105 6	H	6			100	DE	965	Q
12N-07E-28AAB 1			46 6	H			1-71	28	DE	915	
12N-08E-07BCC 1			20 0	H	6	14 A	10-74		DE	918	
12N-08E-08BAA 1			87 0	U	6	58 A	10-74		DE	910	
12N-08E-09CCC 1			38 0	H	5	21 A	2-70	2	DE	950	
12N-08E-20DBA 2	BOLEY OK		140 6	P		50 G			DE		
12N-08E-20DBA 3	BOLEY OK		140 6	P		50 G			DE	900	
12N-08E-20DBA 4	BOLEY OK		140 6	P		50 G			DE	900	
13N-07E-09CCC 1	BAILEY, E.	1962	67 6	H	5	20 A	10-74		DE	800	
13N-07E-12DCD 1		1960	45 0	U	6	23 A	10-74		DE	845	
13N-07E-13DDD 1			101 0	U	8	4 A	10-74		DE	818	
13N-07E-16ADA 1	NOOTBAAR, P.	1972	130 6	H		52 A	10-74		DE	850	
13N-07E-20BHC 1	RL DUNCAN		52 0	U	6	43 A	12-69		DE	800	
13N-07E-21DDC 1			131 6	H					DE	900	Q
13N-07E-22COC 1			131 0	H					DE	890	
13N-07E-25AAB 1			92 0	U	6	37 A	10-74		DE	835	
13N-07E-25ABB 1			48 0	H	5	23 A	1-71		DE	880	
13N-07E-26ABA 1	SIMMONS, R.	1965	140 6	H		41 A	10-74		DE	830	
13N-07E-26CCB 1			56 0	U	6	44 A	10-74		DE	840	
13N-07E-26CCB 2			77 0	H	6	38 A	10-74		DE	832	
13N-07E-28ABB 1			52 0	H	8	32 A	10-74		DE	930	
13N-07E-31ADD 1	FREEZE, R.	1969	254 6	H	8	49 A	10-74		DE	890	
13N-08E-08DAA 1	CHURCH		32 0	H	6	14 A	2-70		DE	850	Q
13N-08E-20DDA 1			44 0	U	5	23 A	2-70		DE	850	
13N-08E-31ADA 1			46 0	H	6	26	10-74		DE	925	

Table 1.--Records of selected wells.--Continued

OKFUSKEE COUNTY

WELL LOCATION	OWNER OR USER	YEAR DRILLED	WELL DEPTH (FT)	WATER USE	WELL DIAMETER (IN)	DEPTH TO WATER (FT)	DATE MEASURED (MO-YR)	WELL YIELD (GAL/MIN)	AQUIFERS	ALTITUDE OF LAND SURFACE (FT)	REMARKS
13N-08E-32CDD 1		1974	50 0	H	6	32 A	10-74		DE	885	
13N-08E-32DDC 1			54 0	U	6	47 A	10-74		DE	910	

Table 1.--Records of selected wells.--Continued

## LINCOLN COUNTY

WELL LOCATION	OWNER OR USER	YEAR DRILLED	WELL DEPTH (FT)	WATER USE	WELL DIAMETER (IN)	DEPTH TO WATER (FT)	DATE MEASURED (MO-YR)	WELL YIELD (GAL/MIN)	AQUIFERS	ALTITUDE OF LAND SURFACE (FT)	REMARKS
12N-05E-3500C 1			97 0	U	8	64 A	1-75		DE	1005	
12N-06E-01AAA 1	WHITE, D.		173 6	H	6	72 A	10-74		DE	890	
12N-06E-06BAH 1	JAMES, H.		71 0	U		17 A	1-75		DE	850	
12N-06E-10BCC 1			67 0	U	5	21 A	1-75		DE	780	
12N-06E-20DAC 1	PRAGUE WELL 7		367 6	P			5-75	25	DE		
12N-06E-20DDH 1	PRAGUE WELL 5		356 6	P			5-75		DE		
12N-06E-22BCB 1	PRAGUE WELL 13		420 6	P	8	172 A	5-75	90	DE	1010	
12N-06E-24CCC 1			124 0	H	6	56 A	1-75		DE	970	
12N-06E-28DAD 1	PRAGUE, OK.		412	P	8	166 G	5-29		DE	1005	Q
12N-06E-24CCA 1	PRAGUE WELL 8		374 6	P			5-75		DE		
13N-06E-08AAA 1			46 0		6	7 A	1-75		DE	850	
13N-06E-1400D 1	OSOSKY, F.		77 0	U	6	18 A	10-74		DE	860	
13N-06E-1400D 2			74 0	U	6	17 A	1-75		DE	860	
13N-06E-25BCC 1	MAYES, W.	1974	137 6			63 A	10-74	15	DE	860	
13N-06E-2800C 1	PRUITT, J.	1974	183 0	H	6	40 A	1-75		DE	825	
13N-06E-29AAA 1			26 0	P		12 A	1-75		DE	910	
13N-06E-31ADD 1	DAVIS, LLOYD	1973	100 6	H	6	27 A	1-75		DE	910	
14N-06E-02AAD 1	LOWERY, D.		180 6	H		128 A	10-74		DE	885	
14N-06E-11ABH 1			69 0	H	6	64 A	2-75		DE	845	
14N-06E-35BCC 1			62 0	U		32 A	2-75		DE	810	
15N-06E-02CCB 1			77 0	U		37 A	10-74		DE	922	
15N-06E-07BAB 1	MCELYEA, B	1968	190 6	H		41 A	10-74		DE	960	
15N-06E-108BA 1	CHANCES R FARM		124 0	H	8	44 A	10-74		DE	905	
15N-06E-12BCB 1	MURPHY, S	1961	130 0	H	6	67 A	10-74		DE	910	
15N-06E-12CBH 1	KIDUS, H.		126 0	U	6	81 A	10-74		DE	890	
15N-06E-158DD 1	STROUD, OK.	1970	260 6	U	5	30 A	10-74		DE	925	
15N-06E-170DH 1	BUNYARD, J		120 6	H	8	53 A	10-74		DE	885	
15N-06E-25CBD 1			41 0	U	8	22 A	10-74		DE	825	
15N-06E-28AAA 1	STROUD, OK 12		339 0	F	7	182 A	6-75		DE	890	
15N-06E-28DAD 1	STROUD OK 5	1954	265 0	P	7	60 A	6-75	35	DE	880	
15N-06E-28DHD 1	STROUD OK 11	1966	408 3	P	7	130 A	7-75	40	DE	900	Q
15N-06E-36BAA 1	HINDS, O. J.	1958	248 6	H	8	83 A	10-74		DE	850	
16N-05E-230DD 1	TRAWICK RANCH		196 6	S	8	25 A	2-75		DE	960	Q
16N-05E-36BHC 1			115 0	U	6	29 A	2-75		DE	935	
16N-06E-03DCD 1			43 0	U	6	7 A	2-75		DE	1005	
16N-06E-05CCC 1			111 1	H	6	32 A	2-75		DE	910	
16N-06E-22ABH 1	REMINGTON		107 1	H	8	76 A	3-75		DE	1025	
16N-06E-23BBB 1	HARRISON		97 6		6	21 G	3-75		DE	990	U
16N-06E-33ACD 1	SILL, J. L.	1973	160 6	H	6	91 A	10-74		DE	945	
17N-05E-23B 1	SINCLAIR PIPE		357 6	N	6	85 G	8-52		DE	980	Q

Table 1.--Records of selected wells.--Continued

## CREEK COUNTY

WELL LOCATION	OWNER OR USER	YEAR DRILLED	WELL DEPTH (FT)	WATER USE	WELL DIAMETER (IN)	DEPTH TO WATER (FT)	DATE MEASURED (MO-YR)	WELL YIELD (GAL/MIN)	AQUIFERS	ALTITUDE OF LAND SURFACE (FT)	REMARKS
14N-07E-05CDC 1	MCCAMMON, H.B.		130 0	U	6	57 A	10-74		DE	895	
14N-07E-09CCB 1			104	U	6	89 A	9-70		DE	910	
14N-07E-09ABA 1	WALKER, B.		168 6	H	8	146 A	10-74		DE	945	
14N-07E-10CBB 1	HOOD	1967	153 6	H		113 G			DE	890	Q
14N-07E-12CCC 1	GOODE, E.		61 0	H		37 A	10-74		DE	800	
14N-08E-04AAC 1	WHALEY, BOBBY		55 6	H		20 G			DE	775	Q
15N-07E-10CHD 1			68 0	U	6	24 A	10-70		DE	840	
15N-07E-13BAA 1	HURST, R.		108 0	H	6	77 A	10-74		DE	910	
15N-07E-14BAB 1	MEADOWS, W.	1973	142 6	H	6	90 G	10-74		DE	890	
15N-07E-24AAD 1			122 0	U	8	87 A	10-74		DE	865	
15N-07E-25AAD 1			74 0	U	6	29 A	10-74		DE	880	
15N-07E-25CCC 1	MCGUIRE, E.	1973	149 6	H	6	65 A	10-74		DE	820	Q
15N-07E-27BBB 1			95 6	H		35 G			DE	810	
15N-07E-27BHC 1			58 0	U	6	20 A	11-70		DE	817	
15N-07E-30DAB 1			95 0	U	6	36 A	10-74		DE	780	
15N-07E-32BHC 1	GAITHER, B.		216 0	S	6	108 A	10-74		DE	950	
15N-08E-04BHC 1	HAYHURST, O.B.		162 6	I	8	3 G		370	DE	800	
15N-08E-06B 1	DEPEW, UKLA		200 6	P				35	DE	820	
15N-08E-06CDH 1	DEPEW, UK		124 6	P					DE	830	Q
15N-08E-06C 1	DEPEW, UKLA		185 6	P				35	DE	820	
15N-08E-20CUD 1			71 0	H	6	25 A	10-74		DE	840	
15N-08E-29HCB 1			24 0	U	8	22 A	10-70		DE	800	
15N-08E-30CCB 1	HALSTEAD, C.		107 0	H	10	72 A	10-74		DE	845	
16N-07E-09BA 1	GULF OIL CO.		650 6	N	10	206 G		50	DE	965	
16N-07E-11DCC 1			46 0	U	6	35 A	11-70		DE	885	
16N-07E-11DCC 2			45 0	H	6	28 A	2-75		DE	900	
16N-07E-14CAC 1			30 0	H	6	21 A	11-70		DE	890	
16N-07E-14DHC 1			40 0	H	6	26 A	11-70		DE	860	
16N-07E-18ARB 1			29 0	H	6	22 A	2-75		DE	915	
16N-07E-21ADA 1	COBBLE, ALVIN	1967	117 6	H					DE	925	Q
16N-07E-33DDA 1		1971	99 6	H					DE	885	Q
16N-07E-35AB 1	DALEY & HOPPE		650 6	I	12	77 G		90	DE	880	
16N-08E-22CCD 1			92 0	U	8	65 A			DE	850	
17N-06E-01AAA 1	DRUMRIGHT, UK		500 6	P		98 G		75	DE	820	
17N-06E-34BBB 1	BAPTIST CHURCH			H					DE	870	
17N-07E-06ACB 1	DRUMRIGHT, UK		260 6	P		85 G		35	DE	930	
17N-07E-08CBC 1	DRUMRIGHT, UK		403 6	P		75 G			DE	900	
17N-07E-08CHD 1	DRUMRIGHT, UK.	1930	425 0	R	13	219 A	11-75	110	DE	908	
17N-07E-08CCA 1	DRUMRIGHT, UK		487 6	P		135 G			DE	920	Q
17N-07E-25ADD 1			130 6	H		40 G			DE	1010	Q



Table 1.--Records of selected wells.--Continued

## CREEK COUNTY

WELL LOCATION	OWNER OR USER	YEAR DRILLED	WELL DEPTH (FT)	WATER USE	WELL DIAMETER (IN)	DEPTH TO WATER (FT)	DATE MEASURED (MO-YR)	WELL YIELD (GAL/MIN)	AQUIFERS	ALTITUDE OF LAND SURFACE (FT)	REMARKS
17N-07E-280C	1	SINCLAIR OIL CO	579 6	N		275 G		20	DE	1040	
17N-07E-300AD	1	BEDINGFIELD, H.C.	142 0	U	6	60 A	1-75		DE	1030	
17N-08E-02CDD	1		542 1	U	8	21 A	12-74		DE	885	
17N-08E-08ACC	1	MCHENRY, J.L.	136 6	H					DE	920	W
17N-04E-09BBA	1	CARROLL, R.D.	97 0	H		34 A	10-74		DE	910	
17N-08E-09AAA	1		41 0	U	6	25 A	12-74		DE	950	
17N-08E-16ADA	1	RENFROW, J.	97 0	H		22 A	10-74		DE	850	
17N-08E-18AAA	1	INHOFE, L.	164 0	H	6	44 A	10-74		DE	930	
17N-08E-19BBC	1	TRUMAN, W.	1961 60 6	H		30 A	10-74		DE	1010	
17N-08E-20AAC	1	STOCKTON, L.	1972 157 0	H		119 A	10-74		DE	945	
17N-08E-23BBB	1		59 0	H		20 A	10-74		DE	900	
17N-08E-26CBB	1		33 0	U	4	21 A	1-75		DE	960	
17N-08E-290AD	1	KEELAN, S.	1970 130 6	H		33 A	10-74		DE	925	
17N-08E-35BDA	1	GAUDETTE, H.H.	1974 121 0	H	6	24 A	1-75	30	DE	960	W
18N-06E-36DAA	1	CITY DRUMRIGHT	1969 362 6	P		87 A	10-75		DE	960	R
18N-06E-360AD	1	CITY DRUMRIGHT	1966 538 6	P	8	206 A	8-75		DE	940	EQ
18N-06E-360AD	2	DRUMRIGHT, UK	538 6	P		175 G		60	DE	905	
18N-06E-36DAA	1	DRUMRIGHT, UK		P					DE	900	
18N-06E-36DDD	1	DRUMRIGHT, UK	490 6	P		100 G		75	DE	890	
18N-07E-120BD	1	DILTON, OK.	1973 550 3	P	8				DE	861	DB
18N-07E-13AAD	1	HELWICK, WARREN	77 0	H	6	64 A	8-71		DE	850	Q
18N-07E-16BAD	1	MORRIS, OPHIA	600 6			276 A	4-75		DE	940	Q
18N-07E-20A	1	GAS STATION	124 6	I						870	W
18N-07E-28CHC	2	SINCLAIR OIL	443 6	N	11	265 G	9-70	33	DE	830	
18N-07E-350DA	1	BICKNER, THOMAS	1958 230 6	H						1000	W
18N-08E-04DDU	1		70 6	H	6	45 G	4-75		DE	935	
18N-08E-140AD	1	HUDGENS, L.	99 0	H	6	42 A	2-75		DE	990	
18N-08E-18BCC	1	BARBER	120 6	H		50 G	11-72	40	DE	800	Q
18N-08E-21ABA	1		94	U	6	73 A	12-74		DE	905	
18N-08E-23BBB	1		94	U	6	73 A	12-74		DE	905	
18N-08E-26CDC	1	KENNEDY, F.	1974 98 0	H		14 A	1-75		DE	890	
18N-08E-32ABD	1	HEDRICK, A.C.	1927 44 0	U	5	8 A	1-75		DE	890	
18N-08E-32CCC	1		50 0	H	8	35 A	1-75		DE	880	
18N-08E-33DDD	1	WHITEHEAD, E.	1974 194 3	U	6	22 A	1-75		DE	925	W
19N-07E-03CDD	1		180 6	H	6	60 G	2-73		DE	810	Q
19N-07E-20AAA	1	BEGLY	1964 120 6	H	6	105 G	4-75	4	DE	860	
19N-07E-25CDD	1		180 6	H	6				DE	823	
19N-08E-04DCC	1	GILBERT, J.A.	67 6	H	6	35 G	2-73		OT	800	Q

Table 1.--Records of selected wells.--Continued

## PAYNE COUNTY

WELL LOCATION	OWNER OR USER	YEAR DRILLED	WELL DEPTH (FT)	WATER USE	WELL DIAMETER (IN)	DEPTH TO WATER (FT)	DATE MEASURED (MO-YR)	WELL YIELD (GAL/MIN)	AQUIFERS	ALTITUDE OF LAND SURFACE (FT)	REMARKS
17N-05E-03ACH 1	CITY OF CUSHING	1957	697 0	P	4	167 A	10-75	208 9	DE		Q
17N-06E-16CDD 1			97 0	S	6	36 A	2-75		DE	830	
18N-05E-24BBB 1			79 0	U	6	35 A	4-75		DE	810	
18N-06E-16DDD 1	CALVARY BAP.CH. HAWSER,P.		30 6	S	6	18 G	8-73		DE	810	Q
18N-06E-17CCC 1			136 6	H	4	48 G	4-75		DE	820	
18N-06E-28BCC 1			183 0	H	8	7 A	4-75		DE	810	
18N-06E-31BCB 1			160 0	H	8	86 A	4-75		DE	890	Q



Table 1.--Records of selected wells.--Continued

## PAWNEE COUNTY

WELL LOCATION	OWNER OR USER	YEAR DRILLED	WELL DEPTH (FT)	WATER USE	WELL DIAMETER (IN)	DEPTH TO WATER (FT)	DATE MEASURED (MO-YR)	WELL YIELD (GAL/MIN)	AQUIFERS	ALTITUDE OF LAND SURFACE (FT)	REMARKS
18N-06E-31BCB 1									DE		Q
20N-07E-01CDD 1	LONG OLIS W.	1961	137 6	H	6	60 G	4-74	3	DE	890	Q
20N-07E-01UAD 1	CUMMINGS W.R.		90 6	H	6				DE	900	Q
20N-07E-05ACA 1			142 0	U	6	70 A	5-72		DE	850	
20N-07E-08DDD 1			100	U					DE	910	
20N-07E-27BRD 1			200 0	U	6	192 A	5-72		DE	910	
20N-08E-05DUA 1			28 6	H					DE	1005	Q
20N-08E-06CCC 1	MCKENZIE THOMAS			H	6				DE	915	Q
20N-08E-09DCD 1	LAMA WILKINS		20 6	H					DE	990	Q
20N-08E-12CCC 1		1959	114 6	H	6	50 G	4-75		DE	790	
20N-08E-17AAD 1	DONALD SIELING	1968	80 6	H					DE	860	Q
20N-08E-19DCA 1	RWD 2PAWNEE CO.		128 6	H		60 G	4-75		DE	825	
20N-08E-19DCB 1	RWD 2PAWNEE CO.		124 6	H		60 G	4-75		DE	825	
21N-07E-21ADB 1			266 6	H					DE	860	
21N-07E-24CDD 1		1975	90 1	H	6	44 A	4-75		DE	960	
21N-07E-24CCD 1	DENPORT	1972	156 6	H	6				DE	920	
21N-07E-34CCD 1			35 0	U	6	15 A	5-72		EI	890	
21N-08E-20DCA 1	H C WALKER	1966	85 6	H					DE	905	Q
21N-08E-29AAD 1			65 6	H					DE	930	Q
22N-07E-15DDD 1			160 6	H					DE	800	
22N-07E-20DCA 1			92 0	U	6	34 A	5-72		EI	920	
22N-07E-27ABB 1									DE		Q

Table 1.--Records of selected wells.--Continued

## OSAGE COUNTY

WELL LOCATION	OWNER OR USER	YEAR DRILLED	WELL DEPTH (FT)	WATER USE	WELL DIAMETER (IN)	DEPTH TO WATER (FT)	DATE MEASURED (MO-YR)	WELL YIELD (GAL/MIN)	AQUIFERS	ALTITUDE OF LAND SURFACE (FT)	REMARKS
19N-08E-24ACR 1	KIRKPATRICK	1975	125 6	H	6	30 G	4-75		DE	805	
19N-08E-33AAA 1			198 0	U	4	29 A	4-75		DE	900	
21N-07E-03ABH 1			389 6	H		150 G		30	DE	1000	
21N-07E-11CAA 1			42 6	S		24 G	7-73		DE	800	Q
21N-08E-12CBD 1			300 1	U	8	215 A	4-75		DE	915	
21N-08E-24BDB 1	CORPS OF ENG	1964	130 6	H		60 G		6		749	D
21N-08E-24BDC 2	CORPS OF ENG	1964	130 6	H		60 G		7		754	D
21N-09E-23UCC 1			220 0	H		161 A	4-75		DE	940	
22N-07E-04CDD 1	WHITED, K.		150 6	H		60 G		15	DE	870	
22N-07E-16BBD 1	GREENLEAF		21 6	H	2	14 G			DE	765	Q
22N-08E-04HCC 1	WHITED, K.		120 6	H		60 G		20	DE	1025	
22N-08E-11UUC 1	BROWN, WAYNE		152 1	H	6	71 A	4-75		DE	810	
22N-08E-15CDD 1	FRIEND WALLACE	1945	250 6	H	6	60 G	11-73		DE	910	
22N-08E-31ACC 1		1962	125 6	H	6	115 G	4-75		DE	810	
22N-08E-33BAA 1	MITCHELL, ALEX	1920	100 6	H						860	Q
22N-08E-35BDA 1			465 6	H		150 G		30	DE	1020	
22N-09E-08ABC 1			110 6	H		40 G		20	DE	780	
22N-09E-16BDA 1			187 0	U	6	75 A	4-74		DE	860	
22N-09E-17CCC 1	CLEMENTS, WADE		200 6	H		50 G		10	DE	805	Q
23N-07E-09BDA 1			87 6	S		42 G			DE	910	Q
23N-08E-07DCC 1	COX, D.		350 6	H		85 A	4-75		DE	1040	Q
23N-08E-11UDD 1	STANDRIDGE, A.	1944	65 6	H	6				DE	790	
23N-08E-11AAA 1	COHB, P.	1920	60 6	H	6	17 A	4-75		DE	795	
23N-09E-02BAC 1			141 1	U		21 A	4-74		DE	890	
23N-09E-06CCB 1	REDLEAF, T.		11 0	U	48	2 A	10-74		DE	795	
23N-09E-06CCB 2	REDLEAF, T.		169 0	H	10	32 A	10-74		DE	795	
23N-09E-07DCC 1	RIDGE, MARVIN	1968	201 6	H	5			3	DE	820	
23N-09E-25BCC 1	DRUMMOND, D.		187 1	S	6	96 A	4-75		DE	850	Q
23N-09E-27DDD 1			99 1	H		27 A	4-75		DE	770	
23N-10E-06ACC 1	FRAZIER, D.		70 6	H	8	13 A	3-75		DE	890	
23N-10E-08UDD 1	DRUMMOND, D.		185 1	H	6	131 A	4-75		DE	900	
24N-08E-11BAC 1	ALRED, C.L.		240 0	H	5	75 A	10-74		DE	900	
24N-08E-25ADA 1			46 0	U	8	1 A	10-74		DE	840	
24N-08E-33CCA 1			25 6	H						850	Q
24N-08E-36CAD 1	HORIND, J.		86 0	H	5	80 A	10-74		DE	820	
24N-09E-01AAD 1	WARREN, F.		227 0	H		151 A	10-74		DE	875	
24N-09E-03DAA 1	GRAY, C.	1950	260 6	H	6	152 A	4-75		DE	885	Q
24N-09E-03CBC 1	HENLY, C.	1974	280 1	H	6	104 A	4-75	5	DE	930	
24N-09E-08BAC 1	BROOKS, F.		130 6	H	5	55 A	10-74		DE	920	Q
24N-09E-10BAA 1	JOHNSON, H.		200 6	H	6	100 G	4-75		DE	875	
24N-09E-17CBB 1	MARTIN, U.		240 6	U		1 A	10-74			925	

Table 1.--Records of selected wells.--Continued

## USAGE COUNTY

WELL LOCATION	OWNER OR USER	YEAR DRILLED	WELL DEPTH (FT)	WATER USE	WELL DIAMETER (IN)	DEPTH TO WATER (FT)	DATE (MO-YR)	WELL YIELD (GAL/MIN)	AQUIFERS	ALTITUDE OF LAND SURFACE (FT)	REMARKS
24N-09E-20ABB 1	LUNG, J.	1923	325 6	H						1005	Q
24N-09E-27ABA 1	HARTMAN		107 1	H		27 A	4-75		DE	895	
24N-10E-06BBA 1			260 6	H		150 G		20	DE	880	
25N-07E-10AAA 1	BLACK		300 0			211 A	3-75		DE	1090	
25N-08E-02DDD 1	AIRPORT WELL		235 0	P	6	114 A	3-75		DE	975	
25N-08E-03DDD 1			235 6	H		150 G	11-72	6	DE	960	
25N-08E-11ABB 1			300 6	H		150 G	11-72	10	DE	950	
25N-08E-28DAD 1	CHESHEWALLA, B.		115 0	H		63 A	10-74		DE	1060	
25N-08E-29ACD 1			235 0	U	10	86 A	10-74		DE	1065	
25N-09E-01BCC 1	LOOKOUT, H.		84 1	U	6	37 A	3-75		DE	800	
25N-09E-01DHD 1	LOOKOUT, H.		106 6	H	6				DE	780	
25N-09E-08DAA 1	HELMER, B.		188 0	H	6	133 A	4-75		DE	855	
25N-09E-19DCR 1	KOTHE, E. C.			H					DE		Q
25N-09E-20CAA 1	HULETT FX RANCH		172 0	H	6	84 A	4-75		DE	1025	
25N-09E-24BAD 1	OSU RESEARCH ST		240 6	H		85 G	8-74		DE	845	Q
25N-09E-33ADA 1			97 0	U	6	70 A	4-75		DE	895	
25N-09E-35HAD 1	EVERGREEN NURS		255 6	H		150 G	11-72	20	DE	910	
25N-09E-35BAD 2			255 6	H		150 G	11-72	20	DE	900	Q
25N-10E-09A 1			220 6	U		125 G	11-72		DE	865	
25N-10E-17CCB 1	SWAN, R. SR.	1934	83 6	H	6	21 G	3-75		DE	760	
25N-10E-35DCB 1			200 6	H		100 G	11-72	15	DE	800	
26N-08E-01ADD 1			210 1	U	12	170 B	3-73		DE	990	
26N-08E-32BBC 1	DRUMMOND, R. C.		100 6	H	6	9 A	4-75		DE	1010	
26N-09E-08BDC 1	HENSLEY, S.		60 0	U	6	A	4-75		DE		
26N-09E-11DBA 1	JECK, G.			H	6	12 A	4-75		DE	815	
26N-09E-14ACB 1			109 6	H	6	20 G	4-73	5	DE	870	Q
26N-09E-23CCC 1	HARTNESS, BUDDY		222 6	H	5			7	DE	980	
26N-09E-31CBC 1	BELLIEU, C.	1955	127 6	H	6	44 A	4-75		DE	980	
26N-10E-03ABH 1	LAHADIE, R. E.	1934	225 6	H	6	50 G	3-75		DE	925	
26N-10E-03ACA 1	MUUNTS, ERWIN		256 6	H	6	140 G	4-73		DE	900	
26N-10E-09ADA 1	TOLSON, M.	1973	130 6	H		15 G	3-75		DE	775	Q
26N-10E-28AAA 1			44 1	U		27 A	3-75		DE	900	
27N-08E-03ACL 1	BARNARD RANCH		227 1	S		9 A	3-75		DE	1050	
27N-08E-20ADD 1			100 1	S		21 A	3-75		DE	1000	
27N-09E-27ACC 1	TODD, B. B.		125 6	H	6	30 G	2-73		DE	850	Q
27N-10E-14A 1			240 6	U		150 G	11-72		DE	900	
28N-07E-29DDA 1	FORAKER, UKLA		900 G	H					DE		Q
28N-08E-03AAA 1			300 6	H		180 G	4-73		DE	940	Q
28N-08E-08DDA 1	ROBINSON, L.	1930	500 6	H		460 G	3-75		DE	1030	Q
28N-09E-15DAC 1	LEONARD, E. H.		160 6	H		6 G	3-75		DE	875	Q
28N-09E-29DDA 1	FORAKER, UK		900 6	H					DE		Q
28N-10E-11DBH 1	SANDERS, W.		141 1	U		31 A	3-75		DE	900	

Table 1.--Records of selected wells.--Continued

## OSAGE COUNTY

WELL LOCATION	OWNER OR USER	YEAR DRILLED	WELL DEPTH (FT)	WATER USE	WELL DIAMETER (IN)	DEPTH TO WATER (FT)	DATE MEASURED (MO-YR)	WELL YIELD (GAL/MIN)	AQUIFERS	ALTITUDE OF LAND SURFACE (FT)	REMARKS
28N-10E-17BBB 1			125 1	S		80 R	3-73		DE	820	
28N-10E-33ADA 1	CULVER, B.J.		153 6	H	6	92 G			DE	900	Q
28N-11E-04DBB 1	US CE		78 6	H	6	30 B	11-72		DE	735	
28N-11E-10ABD 1	US CE		90 6	H	6	29 B	11-72		DE	775	
28N-11E-28DAB 1			125 1	U		11 A	3-75		DE	800	
29N-09E-23CDA 1	UHLS GORGE		90 6	H		30 G	3-75		DE	790	Q
29N-10E-13BCD 1	SEARS, F.	1965	100 1	H	8	37 A	3-75		DE	900	
29N-10E-17ABB 1	SMITH, SID		30 6	H		12 G			DE	770	
29N-10E-19DDD 1	SMITH, S.	1963	160 6	S	7				DE	970	
29N-10E-23CCC 1			73 0	H		21 A	3-75		DE	760	
29N-10E-29BCA 1	HUFFMAN, N.E.	1973	125 6	H	6	36 G	1-74	5 3	DE		QU
29N-10E-29BCA 2	HUFFMAN, N.E.		117 1	U		36 G	11-74	5 3	DE		
29N-10E-29BDC 1	HUFFMAN, N.E.		65 0	U	8	42 A	12-71		DE	875	Q
29N-10E-29CAA 1											
29N-11E-19DDD 1			59 1	U	8	18 A	3-75		DE	800	
29N-11E-33VDC 1	US CE		80 6	H	6	9 B	11-72		DE	780	
29N-11E-35A 1			70 6	H		25 G			DE	800	

Table 2.--Chemical analyses of water from selected wells.

## SEMINOLE COUNTY

LOCAL WELL NUMBER	WELL DEPTH	DATE OF COLLECTION	CALCIUM	MAGNESIUM	SODIUM (NA+K)	BICARBONATE	SULFATE	CHLORIDE	NITRATE	BROMIDE	DISSOLVED SOLIDS
05N 05E 25DAD 1	236	11 12 74	76.0	22.0	180.0	426	180.0	64.0	19.0	0.20	788
06N 06E 16DDD 1		11 13 74	4.8	4.2	150.0	336	27.0	15.0	0.4	0.10	
07N 06E 23BCB 1	321	11 15 74	8.1	3.6	280.0	281	110.0	210.0		0.70	785
07N 06E 33BDD 1	126	11 14 74	99.0	59.0	67.0	502	52.0	98.0	1.7	0.60	652
07N 07E 05ABR 1	180	12 04 74	65.0	44.0	14.0	386	44.0	15.0		0.1	387
08N 06E 10BBC 1	178	03 10 64	12.0	35.0	390.0	452	215.0	320.0	1.0		1300
08N 06E 14DCC 1	500	11 22 74	280.0	150.0	950.0	324	21.0	2300.1		8.20	4500
08N 06E 14DDD 1		12 14 75	510.0	190.0	1900.0	306	21.0	4400.0		2.60	7860
08N 06E 14DDD 1	500	11 22 74	2.9	1.7	160.0	349	29.0	14.0		0.10	
08N 06E 14DCC 1		12 15 75	3.6	2.0	160.0	346	32.0	16.0		0.10	406
08N 06E 21DAA 1	550	11 22 74	1.7	00.2	190.0	454	18.0	9.2	1.4	0.00	474
08N 06E 25CCD 1	165	11 20 74	45.0	25.0	5.7	251	11.0	7.5		0.10	226
08N 07E 07ADD 1	600	11 22 74	48.0	21.0	8.3	232	14.0	8.4		0.00	221
08N 07E 31BAB 1	50	04 26 71			20.0	186	21.0	8.0	0.3		194
09N 05E 15DDD 1	112	12 18 74						62.0		0.20	2020
09N 06E 20AA 1	753	12 10 47	186.0	33.0	79.0	132	601.0	25.0	1.0		108
09N 06E 20ABD 1	816	01 22 75	25.0	5.7	83.0	208	48.0	6.5			343
09N 06E 26CA 1	450	09 25 47	146.0	12.0	356.0	135	796.0	175.0			1540
09N 07E 03CDB 1	150	12 17 74	11.0	4.6	5.4	51	6.2	5.7			76
09N 07E 09BBA 1	120	05 22 70			8.0	142	11.0	9.1	83.0		165
10N 05E 01CBB 1	189	01 15 75				370	85.0	210.0	02.0	1.00	
10N 06E 17ADD 1	25	01 29 70			11.0	154	4.8	8.0	2.7		197
10N 07E 18BCC 1	42	05 04 70			11.0	20	24.0	13.0	15.0		113
11N 06E 34BCC 1	198	08 11 70			134.0	248	163.0	11.0	0.1		478
11N 07E 35AAC 1	152	05 21 70			45.0	324	57.0	14.0	0.4		374

## PUTTAWATOMIE COUNTY

LOCAL WELL NUMBER	WELL DEPTH	DATE OF COLLECTION	CALCIUM	MAGNESIUM	SODIUM (NA+K)	BICARBONATE	SULFATE	CHLORIDE	NITRATE	BROMIDE	DISSOLVED SOLIDS
08N 05E 33AAB 1	668	11 15 74	2.0	0.8	520.0	895	190.0	100.0		0.50	
09N 05E 04DCC 1	248	06 01 75				202	2100.0	71.0		0.30	
11N 06E 06CCC 1	220	03 17 71			80.0	450	28.0	34.0	7.2		502

## OKFUSKEE COUNTY

LOCAL WELL NUMBER	WELL DEPTH	DATE OF COLLECTION	CALCIUM	MAGNESIUM	SODIUM (NA+K)	BICARBONATE	SULFATE	CHLORIDE	NITRATE	BROMIDE	DISSOLVED SOLIDS
12N 07E 27BBB 1	105	01 29 71			10.0	432	16.0	19.0	1.0		386
13N 07E 21DDC 1	131	04 27 71			12.0	242	9.0	10.0	1.2		222
13N 08E 08DAA 1	32	02 19 70			6.7	68	16.0	9.0	0.2		102

Table 2.--Chemical analyses of water from selected wells.--Continued

## LINCOLN COUNTY

LOCAL WELL NUMBER	WELL DEPTH	DATE OF COLLECTION	CALCIUM	MAGNESIUM	SODIUM (NA+K)	BICARBONATE	SULFATE	CHLORIDE	NITRATE	BROMIDE	DISSOLVED SOLIDS
12N 06E 28DAD 1	412	05 27 75	160.0	54.0	160.0	253	470.0	200.0		0.50	1260
15N 06E 28DBD 1	408	07 07 75	23.0	5.0	140.0	335	93.0	12.0		0.10	455
16N 05E 23DDD 1	196	02 13 75	57.0	28.0	100.0	332	22.0	110.0		0.50	478
16N 06E 23BBB 1	97	03 25 75	330.0	100.0	350.0	122	20.0	1300.0		7.70	2510
17N 05E 23B 1	357	07 03 52	80.0	20.0	757.0		1660.0	23.0	0.6		2740

## CREEK COUNTY

LOCAL WELL NUMBER	WELL DEPTH	DATE OF COLLECTION	CALCIUM	MAGNESIUM	SODIUM (NA+K)	BICARBONATE	SULFATE	CHLORIDE	NITRATE	BROMIDE	DISSOLVED SOLIDS
14N 07E 10CBB 1	153	04 27 71			25.0	374	7.0	100.0	0.5		486
14N 08E 04AAC 1	55	11 06 70			30.0	76	15.0	30.0	4.0		146
15N 07E 25CCC 1	149	10 11 74	12.0	15.0	13.0	217	2.8	6.9		0.10	201
15N 08E 06CDB 1	124	06 11 71			12.0	254	11.0	7.0	0.4		243
16N 07E 21ADA 1	117	06 11 71			4.9	46	11.0	9.0	0.8		77
16N 07E 33DDA 1	99	06 10 71			26.0	306	24.0	16.0	2.2		324
17N 07E 08CCA 1	487	07 23 71			110.0	302	28.0	45.0	0.1		388
17N 07E 25ADD 1	130	04 23 71			17.0	108	14.0	13.0	0.3		134
17N 08E 08ACC 1	136	06 15 71			25.0	240	4.4	7.0	0.8		235
17N 08E 358DA 1	121	01 29 75	19.0	8.5	8.8	76	11.0	16.0	0.2	0.02	
18N 06E 360AD 1	538	10 30 75	11.0	1.2	140.0	273	79.0	16.0		0.10	405
18N 06E 360DD 1	490	07 23 71			66.0	256	63.0	12.0	0.0		340
18N 07E 13AAD 1	77	12 14 71			5.2	92	22.0	8.6	1.8		142
18N 07E 16BAD 1	600	04 01 75	19.0	1.9	190.0	266	180.0	49.0		0.20	595
18N 07E 20A 1	124	06 08 71			29.0	266	110.0	52.0	0.7		480
18N 07E 35DDA 1	230	06 08 71			25.0	390	30.0	13.0	0.4		358
18N 08E 18BCC 1	120	11 14 72	40.0	16.0	17.0	232	11.0	5.0	0.0		207
18N 08E 33DDD 1	194	01 29 75	7.0	3.1	11.0	12	8.6	17.0	0.1	0.02	88
19N 07E 03CDD 1	180	02 23 73	110.0	72.0	130.0	486	180.0	140.0	83.0		960
19N 08E 04DCC 1	67	02 23 73	14.0	4.6	23.0	76	13.0	5.4	27.0		132



Table 2.--Chemical analyses of water from selected wells.--Continued

PAYNE COUNTY

LOCAL WELL NUMBER	WELL DEPTH	DATE OF COLLECTION	CALCIUM	MAGNESIUM	SODIUM (NA+K)	BICARBONATE	SULFATE	CHLORIDE	NITRATE	BROMIDE	DISSOLVED SOLIDS
17N 05E 03ACB 1	697	10 15 75	37.0	3.8	90.0	222	98.0	6.5		0.10	370
18N 06E 16DDD 1	30	08 02 73	89.0	33.0	35.0	259	50.0	27.0	39.0		608
18N 06E 31BCB 1	160	4 01 75	170.0	82.0	180.0	200	670.0	110.0		0.40	1570

PAWNEE COUNTY

LOCAL WELL NUMBER	WELL DEPTH	DATE OF COLLECTION	CALCIUM	MAGNESIUM	SODIUM (NA+K)	BICARBONATE	SULFATE	CHLORIDE	NITRATE	BROMIDE	DISSOLVED SOLIDS
18N 06E 31BCB 1		04 01 75	170.0	82.0	180.0	200	670.0	110.0		0.40	1570
20N 07E 01DAD 1	90	04 09 75	390.0	130.0	110.0	413	970.0	270.0		0.70	2220
20N 08E 05DDA 1	28	08 02 71			34.0	24	12.0	110.0			239
20N 08E 06CCC 1		04 10 75	140.0	110.0	74.0	487	450.0	80.0		0.30	1200
20N 08E 09DCD 1	20	08 02 71			81.0	44	66.0	220.0	26.0		676
20N 08E 17AAD 1	80	08 02 71			150.0	140	250.0	150.0			744
21N 08E 20DCA 1	85	08 13 71			32.0	72	91.0	90.0	4.2		382
21N 08E 29AAD 1	65	08 19 71			102.0	50	58.0	360.0	20.0		998
22N 07E 27ABH 1		10 01 73	118.0	23.0	30.0	389	46.0	32.0	11.0		488

Table 2.--Chemical analyses of water from selected wells.--Continued

## OSAGE COUNTY

LOCAL WELL NUMBER	WELL DEPTH	DATE OF COLLECTION	CALCIUM	MAGNESIUM	SODIUM (NA+K)	BICARBONATE	SULFATE	CHLORIDE	NITRATE	BROMIDE	DISSOLVED SOLIDS
21N 07E 11CAA 1	42	07 11 73	30.0	5.6	13.0	108	13.0	7.8	4.9		192
22N 07E 16BBU 1	21	07 11 73	110.0	28.0	64.0	372	6.0	68.0	17.0		712
22N 08E 33BAA 1	100	08 16 71			72.0	376	28.0	31.0	7.0		408
22N 09E 17CCC 1	200	01 18 73	6.0	8.0	180.0	416	38.0	25.0	0.4		466
23N 07E 09BDA 1	87	01 18 73	22.0	13.0	140.0	386	59.0	16.0	2.4		454
23N 08E 07DCC 1	350	04 04 75	220.0	57.0	140.0	176	120.0	570.0		3.30	1410
23N 09E 25BCC 1	187	04 03 75	87.0	60.0	77.0	205	190.0	110.0		0.60	708
24N 08E 33CCA 1	25	08 20 71			40.0	388	120.0	28.0	12.0		560
24N 09E 03DAA 1	260	04 02 75	5.1	3.1	240.0	420	53.0	54.0		0.30	627
24N 09E 20ABB 1	325	08 19 71			53.0	192	37.0	11.0	0.5		250
25N 09E 19DCB 1		04 03 75	180.0	41.0	150.0	253	24.0	470.0		2.00	1180
25N 09E 24BAU 1	240	11 16 72	33.0	28.0	160.0	480	86.0	43.0	1.0		582
25N 09E 35BAD 2	255	02 22 73	120.0	34.0	67.0	262	150.0	110.0	58.0		658
26N 09E 14ACB 1	109	04 10 73	19.0	7.8	19.0	37	7.6	39.0			
26N 10E 09ADA 1	130	03 13 75	11.0	2.8	600.0	447		640.0		3.80	1490
27N 09E 27ACC 1	125	02 22 73	4.0	1.2	270.0	590	94.0	18.0	0.4		674
28N 07E 29DUA 1	900	03 26 75	8.1	3.4	860.0	560	220.0	860.0		4.50	2290
28N 08E 03AAA 1	300	04 10 73	8.7	1.8	19.0	378	40.0	110.0	12.0		637
28N 08E 08DDA 1	500	03 06 75	4.7	2.0	440.0	411	20.0	440.0		0.70	1140
28N 09E 15DAC 1	160	03 12 75	1.8	0.1	210.0	386	56.0	63.0		0.40	542
28N 09E 29DDA 1	900	03 26 75	8.1	3.4	860.0	560	220.0	860.0		4.50	2290
28N 10E 33ADA 1	153	01 17 73	42.0	14.0	17.0	158	40.0	20.0	7.5		235
29N 09E 23CDA 1	90	03 06 75	99.0	31.0	150.0	336	45.0	280.0		1.80	1030
29N 10E 29BCA 1	125	11 20 73						1000.0		5.00	
29N 10E 29BDC 1	65	01 31 74	140.0	14.0	24.0	304	34.0	120.0		0.55	533
29N 10E 29BDC 1		01 31 73	140.0	14.0	25.0	317	36.0	120.0		0.85	568
29N 10E 29CAA 1		01 31 74	1400.0	200.0	2500.0		120.0	9400.0		9.99	14300



Table 3.--Stream site data.

## SEMINOLE COUNTY

CREEK LOCATION	RIVER OR CREEK NAME	SPECIFIC CONDUCTANCE MICROMHOS/CM AT 25 C	DATE	EST. FLOW IN CFS	REMARKS
05N-05E-118CC	NEGRO CREEK	1160	10/11/76	0.20	
05N-06E-03ABC	JUMPER CREEK	915	8/21/75	15.00	
05N-06E-03ABC	JUMPER CREEK	1320	10/12/76	0.20	
05N-06E-19AAC		590	10/11/76	1.50	
05N-07E-23AAA		44000	10/12/76	>0.05	SPRING, DEAD FOLIAGE AND TREES AROUND SPRING
05N-07E-26DAD	TRIB OF CANADIAN R.	10100	10/12/76	0.20	FLows THROUGH SALT WATER INJ. AREA
06N-06E-33BDD	JUMPER CREEK	1750	10/12/76	0.50	OIL RESIDUE ON CREEK BED
06N-07E-08BBA	LITTLE RIVER	1700	10/12/76	0.50	
06N-07E-19AD	ROCK CREEK	415	8/21/75	0.10	
06N-08E-30BCB	LITTLE RIVER	4200	10/12/76	4.00	
07N-06E-03CBB	LITTLE RIVER	1800	10/12/76	0.10	
07N-06E-14CB	TRIB OF SALT CREEK	20000	10/12/76	0.10	
07N-06E-15ADD	TRIB. OF SALT CREEK	9200	2/13/75		
07N-06E-19CCD	TRIB. OF SALT CREEK	1480	8/20/75	0.80	
07N-06E-27CB	SALT CREEK	2920	8/20/75	8.00	
07N-06E-34CCC	TRIB. OF SALT CREEK	2950	8/20/75	0.20	
07N-07E-05DBA	TRIB. OF LITTLE RIVER	7300	8/21/75		SALT WATER DISPOSAL PIT IN OUTCROP 1/2 MI SOUTH
07N-07E-08DCD	TRIB. OF LITTLE RIVER	1500	8/21/75	0.20	
07N-07E-20BBA	LITTLE RIVER	1320	8/20/75	25.00	
08N-06E-06DD	TRIB. OF WEWOKA CREEK	660	8/19/75	0.10	
08N-07E-07CDD	WEWOKA CREEK	5800	8/19/75	9.00	BR = 08.0MG/L
08N-07E-07CDD	WEWOKA CREEK	1100	10/12/76	2.00	
08N-07E-32DAA	TRIB. OF WEWOKA CREEK	255	8/19/75		
09N-05E-13DCC	TRIB OF WEWOKA CREEK	15500	10/11/76	>0.10	
09N-05E-15BCD	WEWOKA CREEK	44000	8/21/75	0.10	BR = 83.0MG/L LEA- KING INJ. WELL 1/4 MI. SOUTH
09N-05E-23BCB	WEWOKA CREEK	41000	8/19/75	0.20	BR = 83.0MG/L WATER CLEAR, FOAMS EASILY, OIL SEDIMENT ON STREAMBED.
09N-05E-23BCB	WEWOKA CREEK	18000	10/12/76	0.10	
09N-06E-14CDD	CARTER CREEK	9800	8/18/75	0.30	BR = 18.0MG/L
09N-06E-29BAH	TRIB. OF WEWOKA CREEK	870	8/19/75	0.10	
09N-06E-30ABA	WEWOKA CREEK	19000	8/19/75	0.10	BR = 33.0MG/L

Table 3.--Stream site data.--Continued

## SEMINOLE COUNTY

CREEK LOCATION	RIVER OR CREEK NAME	SPECIFIC CONDUCTANCE MICROMHOS/CM AT 25 C	DATE	EST. FLOW IN CFS	REMARKS
10N-06E-03CCC	TURKEY CREEK	9250	8/18/75	0.30	BR =14.0MG/L
10N-06E-03CCC	TURKEY CREEK	9250	2/13/75		
10N-06E-03CCC	TURKEY CREEK	6600	10/12/76	1.00	
10N-06E-17CDD	TURKEY CREEK	1100	10/12/76	>0.10	
10N-07E-09DAA	SNAKE CREEK	800	2/13/75		
10N-07E-09DAA	SNAKE CREEK	510	8/18/75	0.80	
10N-07E-17CDD	SNAKE CREEK	875	8/18/75		

## POTTAWATOMIE COUNTY

CREEK LOCATION	RIVER OR CREEK NAME	SPECIFIC CONDUCTANCE MICROMHOS/CM AT 25 C	DATE	EST. FLOW IN CFS	REMARKS
11N-05E-11DCD	TRIB. OF N. CANADIAN RIVER	620	8/18/75	0.10	
11N-06E-16BAD	SHAN CREEK	590	8/19/75	0.20	
11N-08E-13ADD	TRIB OF N. CANADIAN R.	575	10/12/76	0.10	

## OKFUSKEE COUNTY

CREEK LOCATION	RIVER OR CREEK NAME	SPECIFIC CONDUCTANCE MICROMHOS/CM AT 25 C	DATE	EST. FLOW IN CFS	REMARKS
11N-07E-05BBA	TRIB. OF NORTH FORK CREEK	660	2/14/75		
11N-08E-13ADD	N. CANADIAN RIVER	1850	10/12/76	80.00	
11N-08E-14AAA	TRIB. OF N. CANADIAN R.	220	10/12/76	1.00	
12N-07E-06BBA	PETTIQUAH CREEK	270	8/18/75	3.00	
12N-07E-33CCD	TRIB. OF NORTH FORK CREEK	670	2/14/75		
12N-08E-35BBC	TRIB. OF NORTH FORK CREEK	1300	2/17/75		
12N-08E-35CCB	TRIB OF N. CANADIAN R.	101000	10/12/76	>0.10	LEAK FROM INJ. AREA
13N-07E-31ABB	PETTIQUAH CREEK	1190	1/30/75		
13N-07E-02DCD	HILLIBY CREEK	625	8/22/75	1.00	
13N-08E-01CCD	TRIB. OF DEEP FORK OF CANADIAN R	370	10/13/76	0.10	
13N-09E-06AAD	DEEP FORK OF CANADIAN R.	1220	10/13/76	70.00	

Table 3.--Stream site data.--Continued

## LINCOLN COUNTY

CREEK LOCATION	RIVER OR CREEK NAME	SPECIFIC CONDUCTANCE MICROMHUS/CM AT 25 C	DATE	EST. FLOW IN CFS	REMARKS
12N-05E-02DAD	SPRING CREEK	1480	2/14/75		
12N-06E-0388A	DEER CREEK	900	2/14/75		
12N-06E-0388A	DEER CREEK	340	8/18/75	1.50	
12N-06E-10CCC	DEER CREEK	610	8/18/75	0.40	
13N-06E-04DCC	DEER CREEK	940	2/14/75		
13N-06E-09CCC	DEER CREEK	730	8/18/75	6.00	
13N-06E-11A8B	TRIB. OF DEEP FORK OF CANADIAN	1090	2/17/75		
13N-06E-21ABA	DEER CREEK	995	1/30/75		
14N-06E-03D7C	TRIB. OF DEEP FORK OF CANADIAN	4600	2/12/75		
14N-06E-03DCC	TRIB. OF DEEP FORK OF CANADIAN	1120	1/30/75		
14N-06E-15C8B	DEEP FORK OF CANADIAN RIVER	435	8/19/75		
14N-06E-34AAB	TRIB. OF DEEP FORK OF CANADIAN	1300	8/19/75		BR =02.2MG/L OIL LINING CREEK BANK
14N-06E-36CDD	TRIB. OF DEEP FORK OF CANADIAN	535	2/12/75		
14N-06E-36CDD	TRIB. OF DEEP FORK OF CANADIAN	415	8/19/75		
15N-06E-2288B	SALT CREEK	2200	8/19/75	4.00	
16N-05E-01AAD	TRIB. OF EUCHEE CREEK	330	8/19/75	5.00	
16N-05E-36AAA	FOURMILE CREEK	1180	2/13/75		
16N-06E-06CDD	EUCHEE CREEK	1150	2/12/75		
16N-06E-06CDD	EUCHEE	210	8/19/75	0.50	
17N-06E-18DCC	EUCHEE	2600	2/13/75		
17N-06E-18DCC	EUCHEE	245	8/20/75	1.50	
17N-06E-19COC	EUCHEE	220	8/20/75	0.50	

## PAYNE COUNTY

CREEK LOCATION	RIVER OR CREEK NAME	SPECIFIC CONDUCTANCE MICROMHUS/CM AT 25 C	DATE	EST. FLOW IN CFS	REMARKS
17N-05E-15CCC	TRIB. OF COTTONWOOD CREEK	500	8/19/75	4.00	CREEK FLOWS THROUGH OIL FIELD
17N-05E-13DAA	COTTONWOOD CREEK	250	8/19/75	15.00	CREEK FLOWS THROUGH OIL FIELD, NOT BASE FLOW

Table 3.--Stream site data.--Continued

## CREEK COUNTY

CREEK LOCATION	RIVER OR CREEK NAME	SPECIFIC CONDUCTANCE MICROMHOS/CM AT 25 C	DATE	EST. FLOW IN CFS	REMARKS
14N-07E-01DDD	SALT CREEK	920	2/12/75	25.00	
14N-07E-01DDD	SALT CREEK	2800	10/13/76	0.10	OIL ON WATER
14N-07E-36AAA	DEEP FORK CREEK	520	8/22/75		
14N-08E-06DDC	TRIB OF SALT CREEK	470	2/12/75	4.00	
14N-08E-24ABC	DEEP FORK OF CANADIAN R.	1320	10/13/76	75.00	OIL ON WATER
14N-09E-08AAC	WEST FORK OF SANDY CREEK	1300	10/13/76	0.10	OIL ON WATER
15N-07E-15CBB	TRIB. OF CAMP CREEK	1360	8/20/75		
15N-07E-21CDD	CAMP CREEK	705	8/22/75	4.00	
15N-07E-26CCD	TRIB. OF SALT CREEK	215	8/22/75	1.00	
15N-07E-27ABB	TRIB. OF SALT CREEK	535	2/12/75	1.00	
15N-07E-28CBB		3200	10/13/76	0.10	OIL ON WATER
15N-07E-31BBA	TRIB. OF SALT CREEK	515	2/12/75	1.00	
15N-07E-33AAA	SALT CREEK	2750	10/13/76	0.10	OIL ON WATER
15N-07E-33AAD	TRIB. OF SALT CREEK	650	2/12/75	1.00	
15N-07E-35BAB	TRIB. OF SALT CREEK	195	2/12/75	1.00	
15N-07E-36BAB	TRIB. OF SALT CREEK	260	2/12/75	1.00	
16N-07E-04AAB	WEST SPRING CREEK	7900	2/13/75	5.00	
16N-07E-04AAB	WEST SPRING CREEK	2600	8/19/75	4.00	
16N-07E-14AAB	EAST SPRING CREEK	925	2/12/75	8.00	
16N-07E-14AAB	EAST SPRING CREEK	770	8/19/75	4.00	
16N-07E-27DDA	LITTLE DEEP FORK CREEK	225	8/20/75	6.00	
16N-07E-28ADD	LITTLE DEEP FORK CREEK	260	8/20/75	3.00	
16N-08E-04BCB	CATFISH CREEK	1490	8/18/75		
16N-08E-11CCC	LITTLE CATFISH CREEK	250	8/18/75	4.00	
16N-08E-22BDB	CATFISH CREEK	3250	10/13/76	0.20	OIL ON WATER
17N-07E-02BDB	TRIB OF TIGER CREEK	15000	10/13/76	0.10	OIL ON WATER
17N-07E-03BDA	TRIB OF TIGER CREEK	20000	10/13/76	0.10	OIL ON WATER
16N-09E-08CCC	TRIB. OF SAND CREEK	4000	8/18/75	1.00	
17N-07E-04ABA	TRIB OF TIGER CREEK	17500	10/13/76	0.20	OIL ON WATER
17N-07E-04ADD	TRIB OF TIGER CREEK	8500	10/13/76	0.10	OIL ON WATER
17N-07E-03BDB	TIGER CREEK	4600	8/19/75	6.00	
17N-07E-16CAC	TRIB. OF TIGER CREEK	1120	8/19/75	0.30	
17N-07E-23CAD	SPRING CREEK	5100	8/19/75	0.20	CREEK FLOWS THROUGH OIL FIELD
17N-07E-26AAB	SPRING CREEK	16000	8/21/75		
17N-07E-27ABA			2/13/75		NO FLOW
17N-07E-31DAA	TRIB. OF LITTLE DEEP FORK CREEK	705	2/13/75		
17N-07E-31DAA	TRIB. OF LITTLE DEEP FORK CREEK	220	8/19/75	0.20	
17N-07E-33AAC	WEST SPRING CREEK	3800	8/20/75	1.00	CREEK FLOWS THROUGH OIL FIELD
17N-08E-10DBB	DOG CREEK	790	8/18/75	1.00	
17N-08E-17DCC	TRIB. OF DOG CREEK	500	2/13/75	2.00	
17N-08E-17DCC	TRIB. OF DOG CREEK	550	8/20/75	0.20	
17N-09E-07BBC	PULECAT CREEK	490	10/13/76	0.50	
17N-09E-16BBC	MUSQUITO CREEK	730	8/18/75	1.50	

Table 3.--Stream site data.--Continued

## CREEK COUNTY

CREEK LOCATION	RIVER OR CREEK NAME	SPECIFIC CONDUCTANCE MICROMHOS/CM AT 25 C	DATE	EST. FLOW IN CFS	REMARKS
17N-09E-30BDD	MOSQUITO CREEK	1300	10/13/76	0.50	OIL ON WATER
18N-07E-03CDD	DRY CREEK	3100	8/20/75	1.00	BR =03.8MG/L
18N-07E-29CBB	TRIB. OF TIGER CREEK	4180	10/13/76	1.50	OIL ON WATER
18N-07E-30DAA	TIGER CREEK	12100	10/13/76	0.20	OIL ON WATER
18N-07E-33BCC	TRIB. OF TIGER CREEK	11400	10/13/76	0.30	OIL ON WATER
18N-07E-33DCC	TIGER CREEK	14000	10/13/76	0.20	OIL ON WATER
18N-08E-06CCD	BUCKEYE CREEK	260	8/19/75	4.00	
18N-08E-06CDC	BUCKEYE CREEK	420	10/13/76	1.00	
18N-08E-18CDD	BUCKEYE CREEK	270	8/10/75		NOT BASE FLOW
18N-08E-18CDD	BUCKEYE CREEK	275	10/13/76	1.00	
18N-08E-26DDD	DEEP CREEK	220	8/18/75	2.00	
18N-08E-33AAD	POLECAT CREEK	310	8/19/75	5.00	
18N-08E-33AAD	TRIB. OF POLECAT CREEK	220	10/13/76	1.00	
18N-08E-36DDD	FIGURE EIGHT CREEK	250	8/18/75	0.80	
18N-09E-19CCC	FIGURE EIGHT CREEK	160	10/13/76	0.20	
19N-07E-35BAA	DRY CREEK	1450	8/20/75	2.00	
19N-07E-36AAA	BUCKEYE CREEK	500	10/13/76	2.00	
19N-08E-32ABA	SAND CREEK	330	8/20/75	0.80	
19N-08E-34BAA	ROCK CANYON CREEK	230	8/20/75	2.00	
19N-08E-36BBB	COTTONWOOD CREEK	470	8/19/75	1.50	
19N-09E-02ABA	LITTLE SALT CREEK	410	8/21/75	0.10	CREEK FLOWS THROUGH OIL FIELD

## PANNEE COUNTY

CREEK LOCATION	RIVER OR CREEK NAME	SPECIFIC CONDUCTANCE MICROMHOS/CM AT 25 C	DATE	EST. FLOW IN CFS	REMARKS
20N-08E-02DAD	FEYODI CREEK	2300	8/21/75	1.00	
20N-08E-02DAA	FEYODI CREEK	1160	10/14/76	0.10	
20N-08E-06DDD	TRIB. OF HOUSE CREEK	4050	8/21/75	1.00	BR =06.7MG/L
20N-08E-13BDA	COWSKIN CREEK	3100	8/21/75	0.10	
20N-08E-32A6B	TRIB. OF HOUSE CREEK	350	8/21/75	2.00	
21N-07E-21BBC	TURKEY CREEK	310	8/21/75		
21N-07E-21BBC	TURKEY CREEK	360	10/13/76	0.10	
21N-08E-17BCB	CEDAR CREEK	4150	8/21/75	3.00	BR =05.8MG/L
21N-08E-17BCB	CEDAR CREEK	4650	10/13/76	0.50	OIL ON WATER

Table 3.--Stream site data.--Continued

## OSAGE COUNTY

CREEK LOCATION	RIVER OR CREEK NAME	SPECIFIC CONDUCTANCE MICROMHUS/CM AT 25 C	DATE	EST. FLOW IN CFS	REMARKS
21N-10E-04CDD	TRIB OF WILD HORSE CREEK	100	10/14/76	0.10	
22N-09E-13CDD	BUAR CREEK	480	10/14/76	2.00	
22N-09E-16ADB	HUMINY CREEK	555	10/14/76	5.00	
22N-10E-20BDD	WILD HORSE CREEK	325	10/14/76	0.50	
22N-10E-21ABD	EAGLE CREEK	2250	10/14/76	0.30	
22N-10E-29DCC	BUCK CREEK	175	10/14/76	0.50	
22N-10E-32DDC	WILDHORSE CREEK	270	10/14/76	0.30	
23N-08E-05CBB	TRIB. OF HELLROARING CREEK	8650	10/14/76	0.10	
23N-08E-35CDA	PEEN CREEK	490	10/14/76	0.50	
23N-09E-18DBC	BIG HOMINY CREEK	1650	10/14/76	10.00	
23N-09E-27ADA	SUNSET CREEK	280	10/14/76	1.00	
23N-09E-30ADD	TRIB. OF TWUMILE CREEK	2000	8/18/75		NOT BASE FLOW
23N-09E-33DAC		320	10/14/76	1.00	
23N-09E-34ADD		280	10/14/76	1.00	
23N-09E-36DAA		850	10/14/76	1.00	
23N-10E-34CDD	BULL CREEK	3750	10/14/76	0.20	
24N-07E-10DCA	HOMINY CREEK	1380	8/18/75	4.00	
24N-07E-10DCA	HUMINY CREEK	16000	10/14/76	0.20	
24N-07E-33AAA	SCYAMORE CREEK	1900	8/18/75	1.00	NOT BASE FLOW
24N-07E-33CCC	SYCAMORE CREEK	890	8/18/75	5.00	
24N-08E-09ACC	LITTLE HOMINY CREEK	1340	10/14/76	0.10	
24N-08E-14CBB	LITTLE HOMINY CREEK	2400	8/18/75		
24N-08E-14CBB	LITTLE HOMINY CREEK	3500	10/14/76	2.00	
24N-08E-25BAD	TRIB. OF LITTLE HOMINY CREEK	18500	8/18/75	4.00	BR =31.0MG/L
24N-08E-33	TURKEYRUN CREEK	960	10/14/76	0.30	
24N-09E-32DDB		1600	10/14/76	0.10	
24N-08E-36CDD	LITTLE HOMINY CREEK	2850	8/18/75	10.00	
24N-10E-01DDB	RED EAGLE BRANCH	430	10/14/76	0.20	
24N-10E-17DAC	BURCH CREEK	1040	8/18/75		
24N-10E-17DAO	BERCH CREEK	920	10/14/76	0.10	
24N-10E-30CAA	FOURMILE CREEK	920	8/20/75		NOT BASE FLOW
25N-08E-18	CLEAR CREEK	780	10/14/76	2.00	
25N-08E-19CAB	TRIB. OF LITTLE HOMINY CREEK	13000	8/18/75		BR =18.0MG/L
25N-08E-19CCD	TRIB. OF LITTLE HUMINY CREEK	42000	8/19/75		BRINE FLOWING INTO CREEK FROM BRINE PIT. BR =70.0MG/L
25N-08E-23BDD	CLEAR CREEK	7200	8/19/75		
25N-08E-30BBB	CLEAR CREEK	1225	8/18/75		
25N-10E-02BBB	POND CREEK	520	10/14/76	10.00	
25N-10E-14CCC	CLEAR CREEK	190	8/20/75		NOT BASE FLOW EVIDENCE OF OIL RELEASE ALONG STREAM BANK
25N-10E-16CDD	NELAGUNEY CREEK	250	8/20/75		NOT BASE FLOW



Table 3.--Stream site data.--Continued

## OSAGE COUNTY

CREEK LOCATION	RIVER OR CREEK NAME	SPECIFIC CONDUCTANCE MICROMHOS/CM AT 25 C	DATE	EST. FLOW IN CFS	REMARKS
25N-10E-18BCC	QUAPAN CREEK	2650	8/20/75		NOT BASE FLOW
25N-10E-20DBB	SAUCY CAT CREEK	810	10/14/76	1.00	
25N-10E-21BCB	BUFFALO CREEK	480	3/26/75		
25N-10E-21BCB	BUFFALO CREEK	1860	3/26/75	20.00	
25N-10E-32DDC		420	10/14/76	0.50	
26N-09E-12AAA	CEDAR CREEK	640	8/20/75		
26N-10E-04CAD	ROCK CREEK	600	8/20/75		
26N-10E-15AAA	SAND CREEK	700	8/20/75	11.00	
26N-10E-19CAA	SAND CREEK	420	8/20/75		
27N-10E-	TRIB. OF ROCK CREEK	430	8/21/75	0.20	
27N-10E-07CBB	TRIB. OF ROCK CREEK	340	8/21/75	0.40	
27N-10E-08CAA	TRIB. OF ROCK CREEK	590	8/21/75	0.20	OIL ON WATER
27N-10E-08CDD	ROCK CREEK	260	8/21/75	0.20	
27N-10E-30CCB	ELM CREEK	340	8/21/75	0.40	
28N-08E-03ABA	BUCK CREEK	220	3/06/75		
29N-08E-13CBB	SMITH CREEK	420	8/21/75	0.20	
29N-08E-22DAA	SMITH CREEK	350	3/06/75		
29N-09E-13DAB	CANEY RIVER	395	8/21/75		NOT BASE FLOW
29N-09E-23DCA	BUCK CREEK	450	3/06/75		
29N-09E-23DDD	BUCK CREEK	660	8/21/75		NOT BASE FLOW
29N-10E-16ABB	CANEY RIVER	400	3/06/75		
29N-10E-17AAB	TRIB. OF CANEY RIVER	460	3/06/75		
29N-10E-17DAC	CANEY RIVER	120	3/26/75		
29N-11E-18DDD	TURKEY CREEK	2900	8/21/75	0.20	
29N-11E-18DDD	TURKEY CREEK	3500	10/14/76	0.50	OIL ON WATER
29N-11E-30ABA	TURKEY CREEK	1200	3/06/75		
29N-11E-30ABA	TURKEY CREEK	4800	8/21/75	2.00	BR =12.0MG/L OIL ON WATER
29N-11E-30ABA	TURKEY CREEK	3500	10/14/76	0.10	