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GEOLOGICAL SURVEY

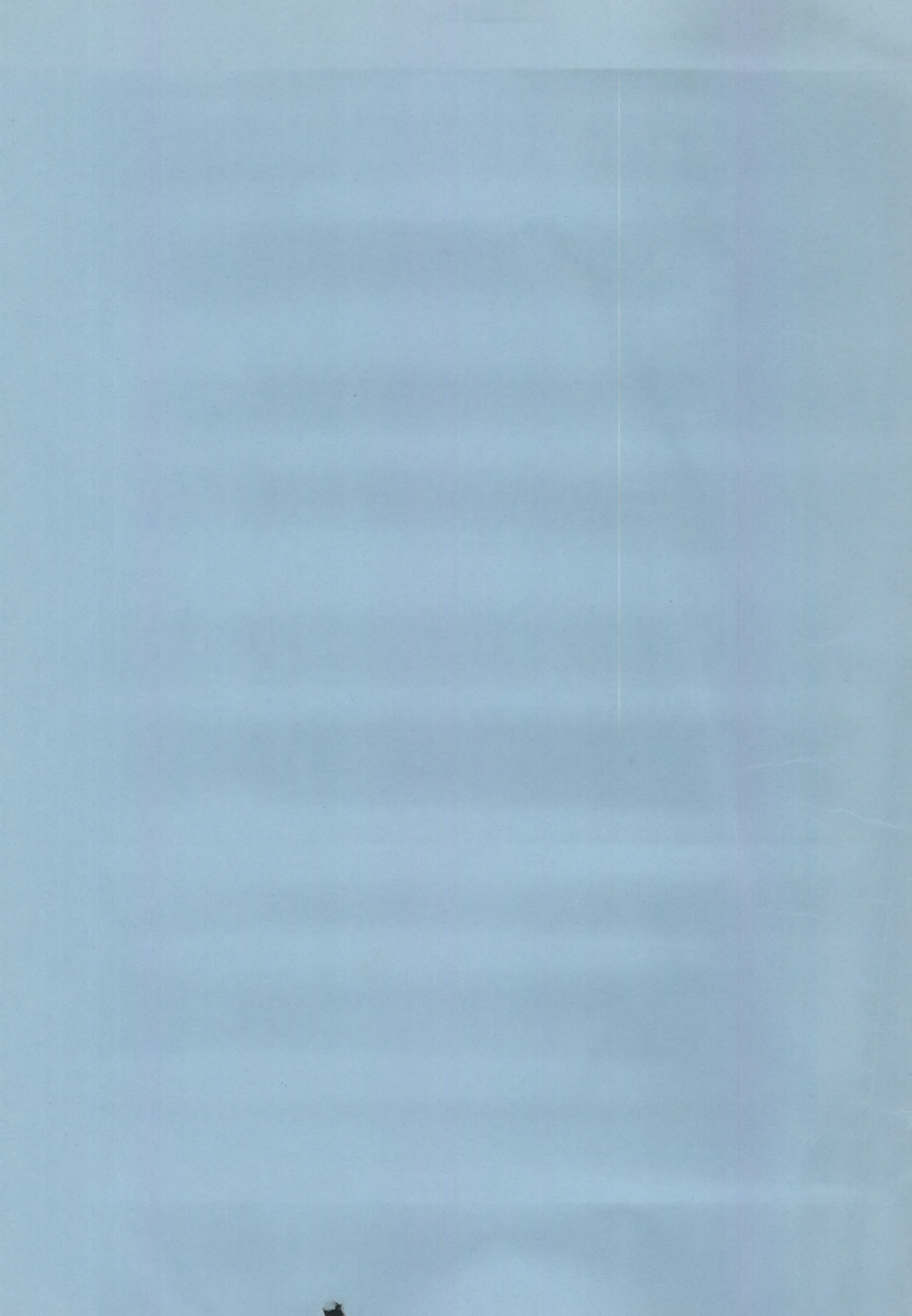
JANUARY 1978 WATER LEVELS, AND
DATA RELATED TO WATER-LEVEL CHANGES
SINCE 1940 OR 1950, WESTERN KANSAS

Open-File Report 78-409

Prepared in cooperation with the
Kansas Geological Survey and the
Division of Water Resources,
Kansas State Board of Agriculture



Lawrence, Kansas
1978



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by
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April 1978

CONTENTS

	Page
Introduction - - - - -	5

TABLES

Table	Page
1. Hydrologic data	
Northwestern Kansas - - - - -	7
West-central Kansas - - - - -	25
Southwestern Kansas - - - - -	39
2. Changes in depth to water and saturated thickness	
Northwestern Kansas - - - - -	63
West-central Kansas - - - - -	81
Southwestern Kansas - - - - -	95
3. Altitude of bedrock and water levels	
Northwestern Kansas - - - - -	119
West-central Kansas - - - - -	137
Southwestern Kansas - - - - -	151
4. Water levels in south-central Kansas, January 1978 - - - -	175

INTRODUCTION

This report contains basic data on water-level measurements in observation wells in western Kansas. The measurements were made in mid-winter, mostly in January, when pumping was minimal and water levels had recovered from the effects of pumping during the previous irrigation season. This report also provides basic hydrologic data for relating water-level changes from a "base-reference year" (predevelopment year), a year of abnormally high rainfall and minimum pumpage (1966), and the previous year (1977). The "base-reference year" for the northwestern and west-central areas is designated as 1950; for the southwestern area is designated as 1940; and for the south-central area is not yet designated.

Tables in the report show the depths to water level in 1940 or 1950 (predevelopment year), 1966, 1977, and 1978; water-level changes from 1940-78 or 1950-78, 1966-78 and 1977-78; and the average annual changes from 1940-78 or 1950-78, and from 1966-78. Also shown are saturated thicknesses of the deposits in 1940 or 1950 and in 1978, as well as the change in feet and percentage.

The annual water-level measurements are made by personnel of the Division of Water Resources of the Kansas State Board of Agriculture and of the U.S. Geological Survey. State-agency support for this program is provided through the Kansas Geological Survey.

Wells in this report are numbered according to the Bureau of Land Management's system of land subdivision. In this system, the first set of digits of a well number indicates the township; the second set, the range east or west of the sixth principal meridian; and the third set, the section in which the well is situated. The first letter denotes the 160-acre tract, the second, the 40-acre tract, and the third, the 10-acre tract. The letters are designated in a counterclockwise direction beginning in the northeast quarter of the section. Where there is more than one well in a 10-acre tract, consecutive numbers, beginning with "2", are added in the order in which the data from the wells are collected.

Table 1.--Hydrologic data, northwestern Kansas.

TABLE 1.--HYDROLOGIC DATA, NORTHWESTERN KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1972 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	N
CHEYENNE COUNTY														
1 38W 2CDC	3034.	588		41	23	22.60	26.22	23.57	23.04	23.79	25.25	25.77	25.06	1
1 38W 8DCC	3057.1	588	0 0	33	12	12.30	13.16	12.46	12.02	13.48	13.85	15.50	14.38	2
1 38W 30BDC	3090.0	588	0 0	28	7	8.03	8.78	8.80	8.76	10.44	11.83	15.73	9.89	3
1 39W 25CBC	3102.0	588	0 0	26	7	8.57	9.68	9.51	9.55	9.82	9.92	9.99	9.90	4
2 38W 27DAD	3462.0	60	0 0	308	226	229.00	231.71	231.52		233.60	231.64	243.88		5
2 39W 19ABC	3199.0	588	60 0	27	6	5.42	5.90	5.34	5.59	5.65	5.70			6
2 39W 27BBB	3235.1	588	0 0	28	18	17.83	19.22	18.32	17.79	19.29	18.44	18.86	18.29	7
2 40W 20BBC	3555.0	60	0 0	199	185	185.38	185.80	186.70	194.87	196.00				8
2 40W 28DBA	3452.0	60	0 0	140	112	112.59	112.79	112.85	112.50	112.66	112.96		112.46	9
2 41W 27BBD	3620.0	60	0 0	242	200	198.60	199.89	199.60	210.93	213.25		215.24	200.71	10
2 41W 33DBC	3650.0	60	0 0	288	235	235.24	236.64	236.66	236.85	244.12	247.13		237.95	11
2 42W 14DDD	3693.0	60	0 0	248	232	231.83	232.06	232.12	232.54	239.22	233.70	232.06	232.40	12
3 37W 19BBC	3468.0	0	0 0	325	215	219.87	224.96	221.93	222.09	223.10	226.50	226.99	228.05	13
3 37W 36ADB	3381.0	60	0 0	300	175	182.09	190.92	191.48	191.41	198.14	197.25	201.92	197.65	14
3 39W 20DAC	3450.0	60	0 0	199	130	140.47	141.97	141.27	139.10	141.94	146.20	148.76	141.83	15
3 39W 32BDB	3490.	60		223	150	153.60	155.28	154.63	154.94	155.53	157.22	160.86	155.94	16
3 40W 9BAA2	3358.0	588	60 0	22	20	19.90	20.17	20.17	20.79	21.12	21.27	19.60	20.44	17
3 40W 22BCA	3277.0	588	0 0	18	7	6.76	6.35	5.89	5.65	6.27	6.30	6.77	6.53	18
3 40W 28CBB	3308.0	588	0 0	26	10	8.70	11.46	11.09	11.25	11.66	11.33	12.06	12.25	19
3 40W 35AAC	3445.0	60	0 0	144	95	96.17	99.03	99.84	101.72	99.72	100.12	100.10	100.45	20
3 41W 16AAC	3570.0	60	0 0	174	136	136.20	136.49		131.79	137.03	136.91	138.19	135.65	21
3 41W 31ADB	3665.0	60	0 0	255	199	208.45	208.77	208.41	208.32	219.27		229.68	237.90	22
3 42W 21BCC	3736.1	60	0 0	260	201	203.22	210.08	209.63	210.56	210.43	214.17			23
4 37W 11BCC	3413.0	60	0 0	312	186	192.05	198.95	202.62	200.35	206.10	212.70	217.46		24
4 37W 17AAC	3446.	60		325	187	187.90	191.45	192.10	192.73		202.10	201.76		25
4 37W 25DCA	3374.0	60	0 0	284	147	141.50	143.24	143.84	144.47	145.37		153.31	148.75	26
4 38W 4BAC	3509.	060		327	207	207.00						217.24	212.23	27
4 38W 11CCC	3491.0	60	0 0	337	195	195.00	196.30	196.48	197.56	197.47	197.19	197.33	197.30	28
4 38W 20CCC	3485.	60		297	151	149.57	151.70	152.14	152.53	152.38	152.30	152.94	153.60	29
4 38W 21ADC	3491.0	60	0 0	316	178	188.00	180.65	180.85		180.47	187.20	195.54	180.80	30
4 39W 20BC	3520.0	60		308	192	196.45	197.52	197.05	197.50	202.67	198.62	200.30	199.60	31
4 39W 15CCA	3492.0	60	0 0	275	136	142.94	139.47	141.12	140.13		150.86	157.36	139.67	32
4 39W 18CAB	3530.0	60	0 0	269	153	156.73	156.06	155.73	157.29	157.60	163.06	156.74	156.56	33
4 39W 27CCA	3502.	060		265	130	129.49					133.60		133.64	34
4 40W 22BCB	3520.0	60	0 0	215	123	123.90	124.18	124.39	125.40	126.10	125.50		124.74	35

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER			DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1972 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	N
CHEYENNE COUNTY CONTINUED																
4 41W 16DAA	3403.0	588	0	0	38	13	14.24	15.09	14.72	14.74	15.39	18.40	16.10	15.90		36
4 41W 25BCB	3571.0	60	0	0	211	141	139.64	140.38	140.60		140.84		142.30	141.37		37
4 41W 31ACA	3552.0	60	0	0	142	94	94.02	95.30	94.68	94.98	95.64	95.87	96.21	96.93		38
4 42W 26BDB	3487.8	588	60	0	56	18	22.15	18.12	17.96	17.85	18.39	22.32	19.82	18.54		39
5 37W 15DBB	3397.0	60	0	0	297	137	136.40	141.88	144.52	147.37	147.74	148.07	153.34	151.05		40
5 38W 13BAA	3390.0	60	0	0	220	74	72.56	75.27	75.15	74.39	75.54	76.00	81.21	76.06		41
5 38W 22ACB	3437.0	60	0	0	270	90	90.60	92.97	92.62	92.20	92.62	93.20	95.88	94.50		42
5 38W 26CCA	3460.0	60	0	0	285	112	111.70	113.73	114.29	114.01	115.17	117.90	122.04	116.70		43
5 39W 8CCC	3597.0	60	0	0	321	175	175.64	177.97	179.05	178.50	180.46	181.24	182.44	183.73		44
5 39W 11CBC	3530.0	60	0	0	291	140	140.10	142.66	143.12	143.14	152.10	158.29	149.46	146.33		45
5 39W 19BBC	3632.0	60	0	0	303	182	183.20	198.76		201.15	194.70					46
5 39W 25CDA	3533.0	60	0	0	295	127	125.05	0.	126.86	133.24	131.36	130.19	136.80	128.86		47
5 40W 4CBD	3653.0	60	0	0	330	200	200.80	205.23	205.13	208.70	205.74	206.47	207.51	206.72		48
5 40W 14BCD	3645.	060			325	187					202.82	206.30	212.29	217.13		49
5 40W 15ACB	3650.0	60	0	0	332	190	189.10	201.25	202.23		202.54	209.17	211.82	210.88		50
5 40W 27BBA	3658.0	60	0	0	327	173		188.80	187.86	189.26	199.04	210.24	199.50	199.60		51
5 41W 12ADC	3679.0	60	0	0	313	198	198.30	200.23	200.86	206.74	203.10	204.06	207.09	207.20		52
5 41W 20DAA	3742.0	60	0	0	309	207	211.68	217.94	218.27	220.82	220.46	221.30	223.43	223.00		53
5 42W 4AAB	3515.0	588	60	0	85	15	16.16	17.09	16.11	16.39	16.99	21.20	18.10	17.94		54
5 42W 14CBC	3687.	60			215	145	147.50	153.98	152.53	150.61	155.14	154.88	165.62	154.26		55
5 42W 36CCB	3800.0	60	0	0	305	200	203.60	205.30		207.59	206.91	208.13	209.19	209.60		56

TABLE 1.--HYDROLOGIC DATA, NORTHWESTERN KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER			DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1972 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	N
DECATUR COUNTY																
1 26W 180DB	2413.	588			59	28	26.47	30.27	30.62	29.88	30.13			30.19	22.02	1
1 29W 30DB	2539.0	588	0	0	45	23	23.06	29.60	29.49	29.11	29.17	28.62	29.80	28.50		2
1 29W 19BDD	2572.	588			53	10	10.97	17.75	18.14	17.99	18.02	18.57	20.75	15.30		3
1 30W 340DD	2610.	588			60	20	21.54	28.47	29.21	27.86	27.72	28.70	32.41	30.30		4
2 26W 11BBA	2509.0	60	0	0	110	85	87.35	87.09	87.14	87.10	87.29	86.47	86.24	87.62		5
2 28W 13ABA	2487.0	588	60	0	58	27	26.23	29.19	29.12	28.65	29.22	27.37	28.94	27.48		6
2 29W 24BCC	2682.2	60	0	0	124	100	96.63	97.82	97.08	96.94	96.48	96.65	96.59	96.37		7
2 30W 26DCC	2828.	060			226	125					136.87	138.35	139.08			8
3 26W 30CBB2	2610.0	60	0	0	142	119	119.45	126.75	126.66	127.76	126.49	126.44	126.36	132.11		9
3 27W 32ABA	2637.0	60	0	0	120	74	74.83	74.83	75.02	75.07	74.96	74.80	74.68	76.62		10
3 28W 6DCB	2571.0	588	0	0	55	34	25.61	28.90	30.79	29.50	32.66	29.99	33.05	39.50		11
3 28W 32BCA	2749.0	60	0	0	180	133	133.68	133.08	132.95	132.69	132.79	132.48	134.70			12
3 29W 128BA	2556.1	588	0	0	55	26	24.90	31.24	31.58	30.15	30.59	27.80	27.04	28.58		13
3 29W 17DCB	2587.0	588	60	0	50	19	20.05	23.06	23.63	23.08	23.28	21.33	22.43	22.99		14
3 29W 31DCC	2633.0	588	0	0	38	20	20.35	23.44	24.24	24.56	25.46		24.04	22.52		15
3 30W 3CBA	2807.0	60	0	0	177	96	98.62	100.79	98.43							16
3 30W 26BBB	2629.0	588	0	0	49	7	10.20	12.15	13.80				12.42	11.00		17
4 26W 80DD	2455.7	588	0	0	70	26	28.73	25.70	28.63	29.09	29.31	29.00	31.23	28.66		18
4 26W 19DCA	2464.	588			37	14	14.08	15.93	15.76	15.76	15.97	15.68	17.66			19
4 26W 36BBB	2572.0	60	0	0	172	131	133.33	0.	133.10	135.68	137.10	133.02				20
4 27W 17DAC	2648.0	60	0	0	162	105	103.82	104.96	104.83	104.83	108.75	105.39	105.89	104.42		21
4 27W 33BBB	2528.0	588	0	0	54	13	16.08	17.41	17.23	17.28	18.03	16.17	18.17	16.59		22
4 28W 15AAA	2700.0	60	0	0	130	92	94.11	93.93	93.99	93.41	95.30	93.55	94.99	93.80		23
4 28W 30DDD	2726.0	60	0	0	110	92	92.70	0.	92.24	92.14				91.68		24
4 30W 7BBB	2697.0	588	0	0	21	7	7.39	11.08	11.73	11.70	12.70		13.59			25
4 30W 9DDD	2760.0	60	0	0	91	77	84.15	84.80	85.74	87.09	89.20	86.69	84.20			26
4 30W 25DCC	2803.0	60	0	0	153	82	86.90	88.25	88.22	88.87		88.46	89.37			27
5 26W 5ADD	2607.0	60	0	0	170	128	128.93	0.	128.48	128.06	128.17	128.34	128.44	134.06		28
5 26W 26DDA	2437.0	588	0	0	74	26	22.43	23.05	22.57	20.39	22.85	22.39	22.96	22.20		29
5 26W 33DCC	2475.0	588	0	0	60	20	18.22	21.63	18.32	18.23	19.73		18.29	17.56		30
5 27W 21CCA	0.	60	0	0		103	104.23	103.62	103.98	103.55	103.67	103.66	103.75	103.36		31
5 28W 78BC	2644.0	588	0	0	52	19	19.94	17.16	17.82	14.20	14.45	15.55	17.24	16.39		32
5 28W 10BBB	0.	588	0	0	47	12	8.04	9.94	10.66	8.39	10.86	9.33	11.20	9.18		33
5 28W 14ADD	2723.0	60	0	0	160	133	135.06	134.90	133.50	135.08	136.00	135.10	135.74	134.56		34
5 28W 17DAC	2734.0	60	0		124	102	102.30	103.98	103.02		103.97		102.55			35

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1972 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	N
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DECATUR COUNTY CONTINUED

5 29W 118AA	2670.0	588	0 0	42	10	12.39	13.99	13.95	11.80	12.65	13.00	13.09	12.57	36
5 29W 22CBB	2686.0	588	0 0	46	11	12.61	14.19	12.52	12.53	12.70	14.30	12.96	14.84	37
5 30W 35BCB	2891.0	60	0 0	200	112	111.62	116.15	116.67	115.01	117.33	116.95	116.77	116.10	38

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WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1972 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	N
GOVE COUNTY														
11 26W 4CDC	2583.	060	190	62	60.00	62.78	62.24	62.75	63.10	62.40	61.03	64.22		1
11 27W 16AAA	2713.	060	180	95	94.15	94.23	94.90	95.75	96.85	97.20		103.37		2
11 27W 36BCC		060	140						76.58	75.26	77.09	76.30		3
11 29W 4DAD	2844.	060	170	109		112.84	112.70	112.70	112.18	114.20	112.90	118.54		4
11 30W 27ABB	2922.	060	165	117		120.52	119.97	120.78	121.70	125.10	124.94	126.66		5
13 26W 20CBC		588	43		11.18	11.18	10.91	11.00	11.17	9.28	9.73	9.35		6

TABLE 1.--HYDROLOGIC DATA, NORTHWESTERN KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1972 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	N
LOGAN COUNTY														
11 32W 4ACD	3059.	060	208	96	102.00	105.50	105.10	105.93	110.10	109.09	114.05	107.47		1
11 32W 19AAB	3073.	060	183	92					99.65	99.46	101.40	101.63		2
11 34W 16CDB	3218.	060	170	122	118.47	118.39	118.60	119.54	118.80		123.00	119.15		3
11 36W 6ADD2	3380.	060	220	142	137.06	151.40	152.00	151.70	155.74	156.60	158.89	159.60		4
11 36W 6DBB2	3386.	060	282	148	150.00	160.00	161.10	160.85	165.35		169.08	169.30		5
13 35W 23BCC	2956.	588	62	45		46.91	46.73	46.35	47.90	48.32	50.09	47.95		6
13 36W 20CCB	3023.	588	30						10.50	11.50	10.90	11.97		7

TABLE 1.--HYDROLOGIC DATA, NORTHWESTERN KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER				DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1972 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	N
RAWLINS COUNTY																	
1 33W 29CCC	2992.0	60	0	0	144	115	115.63	115.26	116.00	115.38	117.52	114.98	118.10	114.29			1
2 31W 3CAD	2665.0	588	0	0	42	15	14.70	19.01	19.36	16.35	21.52	18.23	19.22	17.93			2
2 32W 14DCA	2723.0	588	0	0	49	18	18.42	22.92	22.39	20.61	23.30	21.50	23.03	21.21			3
2 32W 20DCD	2735.0	588	0	0	32	5	8.30	13.42	13.43	10.48	11.53	11.88	12.84	12.80			4
2 33W 26DCC	2798.0	588	0	0	46	13	19.85	25.08	24.65	22.30	22.57		24.39	23.40			5
2 35W 13ABB	3178.0	60	0	0	208	174	170.34	170.44	170.43	171.56	172.96	174.19	171.22	167.00			6
2 35W 34CAA	3064.0	588	60	0	112	29	29.65	29.91	29.91	30.49	30.22	30.43	31.63	30.31			7
2 36W 13DDD	3286.0	60	0	0	260	186	190.10	190.47	190.10	190.11	190.00	190.78	196.99	190.08			8
2 36W 15CDD	3334.0	60	0	0	290	204	203.85	205.22	203.86	204.35	203.53	204.50	204.60	203.84			9
2 36W 18CCB	3380.0	60	0	0	298	217	219.28	220.82	218.54	218.72		218.40	230.05				10
2 36W 36BAA	3263.0	60	0	0	280	160	169.85	172.58	172.76	173.51		182.20	185.83				11
3 31W 7CHD	2960.0	60	0	0	200	142	146.31	146.15	146.43		149.43	147.63	151.34	146.25			12
3 31W 23BBB	2849.0	60	0	0	119	73	73.10	72.56	72.39	68.16	73.07	72.48	73.60	73.60			13
3 31W 27DAD	2861.0	60	0	0	131	90	92.20	91.47	92.49	86.94	94.42	93.80	93.26				14
3 33W 3DCC	2823.0	588			62	22	20.60	25.55	25.24	23.32	23.24	27.90	26.47	25.70			15
3 33W 8CDC	2855.0	588	0	0	52	20	16.12	22.25	21.84	19.55	20.74	20.26	23.00	22.50			16
3 34W 3ABB	2882.0	588	0	0	40	12	13.80	16.88	16.88	22.42	19.77		17.77	12.95			17
3 34W 26BAC	2900.0	588	0	0	40	7	8.48	11.35	11.23	10.95	10.88		10.95	11.31			18
3 34W 33BCC	2945.0	588	0	0	52	14	14.08	16.22	15.34	15.04	15.32	14.20	17.10	15.16			19
3 35W 24CBB	3001.0	588	0	0	50	21	24.72	27.65	27.26	26.98	27.76	29.27	29.57	27.24			20
3 36W 14CBB	3332.0	60	0	0	309	188	191.28	197.15	198.44	198.09	197.62	206.20	209.39	202.12			21
3 36W 17CCC	3375.0	60			300	196	195.39	199.68	200.58	201.52	203.75	204.08	205.38	207.00			22
3 36W 28DAA	3315.0	60	0	0	291	150	158.00	160.74	160.10	160.99	161.91		164.06				23
4 31W 16ABD	2761.0	588	0	0	50	7	7.93	10.93	11.24	10.74	11.39	9.13	11.18	10.75			24
4 31W 25DDD	2755.0	588	0	0	32	15	14.68	17.23	17.78	14.95			15.97	16.00			25
4 33W 18DDA	3068.0	60	0	0	153	88	87.69	87.72	87.55	87.34	85.38	82.24	83.77	87.19			26
4 33W 28DCA	3125.0	60	0	0	237	152	151.27	152.32	152.10		157.00		156.80	153.04			27
4 34W 33CBC	3160.0	60	0	0	210	115	117.22	118.54	118.96	121.66	120.40	119.33	121.08	120.02			28
4 35W 60CD	3252.0	60	0	0	260	157	157.82	158.43	158.69	160.73	164.00		165.10	159.02			29
4 35W 13DAD	3002.0	588	0	0	51	13	15.06	15.80	15.78	15.05	16.03	15.76	16.06	15.94			30
4 35W 29DDD	3219.0	60	0	0	224	150	150.18	150.54	150.67	148.53	150.77	154.80	150.60	150.50			31
4 36W 68BB	3370.0	060			293	162					182.20	192.62	194.10	188.71			32
4 36W 9CDD	3198.0	588	60	0	135	18	17.45	20.69	20.66	21.83	21.55	22.12	23.52	23.88			33
5 31W 10DDA	2820.0	60	0	0	70	30	40.18	43.61	44.65	44.70	43.14	42.10	43.74	41.38			34
5 31W 20CCA	2865.0	60	0	0	68	22	29.70	34.14	34.04		35.64	36.28	35.49	33.90			35

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1972 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	N
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RAWLINS COUNTY CONTINUED

5 31W 23DDD	2950.0	60	0	0	160	118	120.60	120.60	121.38	121.59	125.47	121.83	121.28	121.09	36
5 32W 14CDD	3020.0	60	0	0	180	130	130.85	130.80	131.72	130.62	132.10	132.66	132.14	130.56	37
5 33W 29BDA	3042.0	60	0	0	115	12	17.03	19.17	19.38	19.07	19.26	17.94	19.28	18.76	38
5 34W 18BBB	3137.0	60	0	0	237	116	114.38	114.72	114.89	114.87	115.12	114.00	115.10	115.50	39
5 34W 28ADC	3207.0	60	0	0	247	127	134.12	134.87	134.79	133.98	133.97		134.85	134.23	40
5 35W 10CDD	3267.0	60	0	0	277	167	165.80	167.64	167.75	167.49	169.90				41
5 36W 21BCD	3220.0	588	60	0	155	17	15.53	17.70	16.62	16.98	17.73	19.27	20.12	18.94	42

TABLE 1.--HYDROLOGIC DATA, NORTHWESTERN KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)				DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1972 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	N
SHERIDAN COUNTY																	
06 27W 3DCD	2560.0	588 0 0	68	29	31.83	33.11	33.22	32.84	33.83	32.20	34.20	32.57					1
6 27W 8DCA	2588.0	588 60 0	108	21	14.61	17.69	18.75	18.18	19.85	18.79	20.77	21.28					2
6 27W 19DAB		588	60	30	26.62	28.47	29.04	29.01	29.41	26.65	28.55	28.39					3
6 27W 27BCC	2716.0	60 0 0	320	162	154.44	157.77	157.54	157.33	157.47	158.06	162.80	163.22					4
6 28W 10DAA	2760.0	60 0 0	195	127	134.46	134.64	134.62	134.70	134.40	134.00							5
6 28W 28ADD	2682.0	588 60 0	132	42	41.37	0.	44.35	46.30		42.38	44.09	45.93					6
6 28W 30BCC	2734.0	60 0 0	159	53	50.98	54.35	55.07	55.54	55.74	52.51	55.37	57.21					7
6 29W 10DBC	2823.0	60 0 0	205	116	118.68	121.92	122.40	122.65	125.12	138.40	140.47	142.18					8
6 29W 24ABB	2781.	60	205	91	96.25	100.02	99.88	99.44	99.84	99.61	100.30	101.07					9
6 29W 33CDA	2828.0	60 0 0	207	94	93.32	96.64	97.34	97.97	98.97	103.12	102.19	102.91					10
6 30W 2BCA	2780.0	588 60 0	92	10	11.65	17.00	18.71	18.46	18.45	17.01	19.45	20.08					11
6 30W 13BAA	2875.	060	216	115					122.97	124.36	125.49	123.10					12
6 30W 14CCD	2884.0	60 0 0	203	95	102.88	105.72	106.02	106.38	109.80	106.40	108.19	106.85					13
6 30W 24DDC	2898.0	60 0 0	228	133	132.50	134.06	134.57	135.03	136.84	141.79							14
7 26W 6AAB	2634.0	60 0 0	204	125	125.93	126.53	126.70	127.01	123.73	127.53	127.85	125.89					15
7 26W 12BAC	2559.0	60 0 0	170	94	91.99	94.99	95.12	95.12	95.64	94.63	101.29	102.71					16
7 26W 15BDD	0.	60 0 0	247			138.45	138.93	139.26	139.83	139.85	143.13	145.54					17
7 26W 19BBC		060	201						130.68	130.26	123.63	127.14					18
7 26W 28CAB	2634.0	60 0 0	243	142	148.48	150.93	150.98	150.97	151.64	151.50	152.27	152.73					19
7 27W 24BBD	2639.0	60 0 0	220	114	118.51	121.93	121.97	122.60	122.90	124.80	127.09	128.53					20
7 28W 8BDC	2808.0	60 0 0	282	140		143.99	145.68	146.75	149.69	151.35	153.39						21
7 28W 19BBA	2800.0	60 0 0	240	112	118.15	123.60	125.66	127.03	129.60	132.16	134.59	136.04					22
7 28W 21ABB	2774.0	60 0 0	235	129	131.05	136.99	136.60	138.46	142.70	145.65	146.99	147.71					23
7 28W 36ABA	2725.0	60 0 0	233	123	127.50	130.75	131.20	131.60	132.38	133.34	133.86	135.19					24
7 29W 20BBD	2838.0	60 0 0	259	127	136.25	0.	142.15	145.63	144.09	144.60	146.29	146.79					25
7 29W 21ABB	2860.0	60 0 0	240	121	121.18	130.80	132.16	134.62	137.83	138.36	142.53						26
7 29W 27CCC		060	265								163.81	164.83					27
7 29W 30ABA	2886.6	60 0 0	255	113	121.85	134.82	135.27	136.51	137.92	140.33	146.55	145.34					28
7 30W 24DDD	2894.4	60 0 0	247	111	119.93	131.07	132.70	133.98	135.88	138.09	143.92	144.01					29
8 26W 14DAA	2398.0	588 0 0	66	13	19.53	18.09	15.59	14.70	14.62	13.59	16.70	16.77					30
8 26W 16CDD	2447.0	588 0 0	70	23	34.51	36.02	35.22	35.35	36.02	34.79	36.60	37.14					31
8 27W 11DCD	2504.0	588 0 0	60	13	8.56	9.81	9.82		9.95	11.06	10.10	10.55					32
8 27W 33BBD	2554.0	588 0 0	50	15	17.92	19.70	19.17	19.06	19.55	16.84	16.97	18.37					33
8 28W 9ABC	2766.0	60 0 0	233	119	117.74	122.53	122.90	124.07	125.50	127.01		130.44					34
8 29W 1DCB	2823.0	60 0 0	240	125	122.63	128.40	129.61	130.46	132.91	134.94	137.93	138.32					35

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1972 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	N
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SHERIDAN COUNTY CONTINUED

18	8 29W 29BAA	2844.0	60	0	0	223	84	82.06	85.54	86.50	86.73	87.83	90.85	90.69	91.29	36
	8 30W 11CBC	2941.0	60	0	0	277	123	133.50	141.13	142.86	150.64	151.70	151.00	156.35	158.01	37
	8 30W 13DAA	2891.	60			257	103	109.76	117.88	118.44	119.54	121.89	123.74	128.15	131.37	38
	8 30W 30ABC	2962.0	60	0	0	234	107	105.86	107.40	108.94	109.44	110.43		113.84	117.84	39
	9 27W 12CCC	2678.0	60	0	0	198	104	106.55	105.54	106.12	106.52	111.50	115.92	110.50		40
	9 27W 19DDD	2750.0	60	0	0	205	124	123.65	125.73	126.34	126.61	126.68	126.97	127.24		41
	9 28W 4BCC	2677.0	60	588	0	98	18	25.72	26.31	25.37		25.42	23.02	25.57	27.42	42
	9 28W 6CCB	2691.0	588	60	0	87	4	6.93	7.03	6.60	6.80	7.26	7.16	7.56	6.98	43
	9 28W 31AAC	2828.0	60	0	0	205	118	126.25	130.96		130.44	134.24	132.81			44
	9 29W 17BAB	2854.0	60	0	0	196	84	84.23	90.29	90.32	95.37	92.95	94.97	96.11	97.18	45
	9 29W 26BAA	2863.0	60	0	0	210	123	132.05	134.66	134.88	135.17		136.02			46
	9 30W 3AAB2	2933.0	60	0	0	217	118	119.29	124.02	124.14	125.31	127.59	128.46	131.75	134.04	47
	9 30W 16CDA	2882.0	60	0	0	162	26	44.74	49.89	49.44	57.08		57.97		54.50	48
	9 30W 358BB	2943.9	60	0	0	215	120	129.33	130.95	131.79	131.09	133.90	145.70	139.50	141.89	49
	10 27W 20CBC	2605.0	588	0	0	50	12	13.95	18.24		16.94	18.10	18.09	19.98		50
	10 27W 22DBA	2568.0	588	0	0	65	10	18.58	20.61	19.64	18.65		19.54			51
	10 28W 5DDH	2789.0	60	0	0	173	99	95.22	98.27	97.76	99.04	98.59	95.82	100.16	101.51	52
	10 28W 29DAA	2691.0	588	60	0	62	22	25.43	27.45	26.83	27.27	27.18	26.49	26.13	26.51	53
	10 29W 20CCC	2776.0	588	0	0	76	8	6.90	8.98	8.06	9.16	9.70	10.89	11.04		54
	10 30W 8DDD	2930.	60			186	96	93.04	96.47	95.83	95.57	97.08	98.25	99.32	99.48	55
	10 30W 12ADA	2874.0	60	0	0	187	89	87.70	92.21	91.70	91.85	101.48	102.99	97.62	99.31	56
	10 30W 17DAD	2895.5	60	0	0	165	64	62.86	63.36	62.83	63.05	64.55	64.77	65.80	66.62	57

TABLE 1.--HYDROLOGIC DATA, NORTHWESTERN KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1972 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	N
SHERMAN COUNTY														
6 37W 3BCC	3424.0	60 0 0	278	151	156.70	155.24			158.72		161.44	161.50		1
6 37W 7BBA	3304.0	588 0 0	134	5	6.17	6.46		6.46	7.50		8.66	8.39		2
6 37W 16CDD	3460.0	60 0 0	264	157	163.82	166.35	167.35	167.33	168.78	169.26	170.26	170.60		3
6 37W 19ABH	3476.0	60 0 0	309	150	155.43	157.54	157.55	158.27	158.36	159.10	159.97	159.52		4
6 37W 34DCD	3457.0	60 0 0	303	146	152.79	154.97	155.85	156.12						5
6 38W 9ABD	3510.0	60 0 0	318	147	151.30	152.74			152.80	165.08	156.28	164.10		6
6 38W 20ACC	3407.0	60588 0	171	11	11.20	15.31			15.61		13.47	14.91		7
6 39W 90DD	3585.0	60 0 0	330	145	142.75	143.19	143.68	144.03	144.38	144.82	145.28	151.20		8
6 40W 10AAC	3641.0	60 0 0	341	151	151.24	153.49	153.82		155.45	160.04	156.36	154.84		9
6 40W 21AAC	3670.0	60 0 0	323	151		157.93			158.94					10
6 40W 30DCC	3718.0	60 0 0	326	159	153.60	158.14	157.76	158.16	158.68	160.28	160.40	161.65		11
6 40W 35BCC	3668.0	60 0 0	338	145	142.55	145.60	146.70	147.54	148.48	149.50	151.39	152.60		12
6 41W 1ABH	3675.0	60 0 0	296	150	156.60	159.03	157.55	158.27	159.19	159.64	161.80	162.45		13
6 41W 9BCB	3759.0	60 0 0	329	179	177.50	0.	182.70	183.00	183.54		186.12			14
6 41W 19DBD	3792.0	60 0 0	325	162	169.57	181.80	175.05		175.77	174.75	178.14	185.25		15
6 41W 27DBD	3741.0	60 0 0	325	141	142.15	147.38	147.20		151.16	156.38	156.29	157.54		16
6 42W 2AAA	3777.0	60 0 0	277	179	181.70	183.64	184.20	185.28	187.27	189.20	192.90	193.82		17
6 42W 8CBB	3841.0	60 0 0	304	183	201.30	202.62	202.33	203.19	204.47	205.15	209.35	208.98		18
6 42W 22DCC	3837.0	60 0 0	315	177	183.19	194.54	198.25	188.44	189.96	191.93	191.65	197.29		19
6 42W 30ADA	3871.0	60 0 0	309	176	183.60	196.10	200.85	190.50	191.38	192.29	194.98	198.50		20
7 37W 4BBC	3455.	060	270	122					132.70	134.25	136.50	136.75		21
7 37W 5CCB	3472.0	60 0 0	294	124	129.95	130.68	131.57	130.95	132.19	132.78	134.26	136.10		22
7 37W 17BDA	3472.0	60 0 0	289	122	129.83	127.23	128.40		129.99	132.29	132.88	133.95		23
7 38W 16BAA	3535.0	060 0 0	302	124	127.03	128.33	128.80	129.22	130.52	131.80	135.50			24
7 39W 9HBB	3589.0	60 0 0	295	106	104.84	106.27	106.65	107.65	109.27	109.97	112.90	113.08		25
7 39W 24BAA	3587.0	60 0 0	300	137	133.94	139.05	140.30	140.84	142.02	144.81	145.40	150.33		26
7 39W 30CCB	3643.	60	353	113	117.64	127.70	128.60	128.89	131.03	133.80	135.35	136.09		27
7 40W 6ADB	3722.0	60 0 0	343	152	149.42	155.94	157.00	157.50	158.46	159.20	160.90	161.97		28
7 40W 29BBA	3708.0	60 0 0	288	121	121.54	127.64	128.35		130.70	131.95	135.00	135.57		29
7 40W 35BBB	3650.0	60 0 0	255	102	103.00	113.44		114.66	116.67	118.58	125.33	123.51		30
7 40W 36BAB	3643.	60	321	105	109.94	120.14	122.00	121.54	124.39	126.02	129.85	131.24		31
7 41W 10BBA	3770.	060	330	141					149.82	152.95	156.05	157.38		32
7 41W 16ADC	3775.0	60 0 0	317	130	134.90	141.36	140.72	142.03	143.29	142.49	148.30	147.91		33
7 41W 28DBB	3774.0	60 0 0	280	111	111.49	117.72			118.20	119.92	122.20	124.40		34
7 42W 7DAA	3903.0	60 0 0	320	163	164.40	178.52	180.10	181.82	184.30	186.52	189.03	190.47		35

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1972 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	N
SHERMAN COUNTY CONTINUED														
7 42W 17CCC	3864.0	60 0 0	263	119	117.97	124.73	125.37	126.07	127.75	129.47	131.70	133.30		36
7 42W 27AAB	3862.0	60 0 0	321	142	140.60	150.28	151.20	151.82	153.06	155.10	157.65	160.73		37
8 37W 3ADB	3476.0	60 0 0	273	126	143.59	147.21	146.28	146.60	147.42	149.04	150.49	151.42		38
8 37W 6ADB	3506.0	60 0 0	264	124	133.30	135.14		135.40	135.11	135.90	137.45	138.00		39
8 37W 21CCC	3496.0	60 0 0	230	120	121.16	128.39	130.16	132.10	134.80	133.94	138.87	138.66		40
8 37W 28ABC	3482.0	60 0 0	238	110	112.15	117.94	119.35	121.74	126.55	127.66	139.49	130.71		41
8 37W 32ABB	3468.0	60 0 0	216	83	80.37	87.09	88.50	88.61	90.95	91.85	93.91	94.50		42
8 38W 17CDD	3603.0	60 0 0	293	143	142.19	147.31	149.10	149.70	151.22	152.96	154.50	155.88		43
8 38W 24AAB	3513.0	60 0 0	260	110	111.41	112.63		114.35	114.34	114.65	115.77	121.72		44
8 38W 28ACC	3587.0	60 0 0	231	134	132.35	137.59	138.80	139.45	140.71	141.25	143.02	144.20		45
8 39W 28AA	3611.0	60 0 0	295	138	135.25	144.48	146.36	148.34	150.84	152.43	156.64	162.20		46
8 39W 15CCC	3642.0	60	272	127	135.00	145.59	147.35	148.80	151.32	156.15	156.88	165.00		47
8 39W 17DCD	3672.0	60 0 0	300	152	160.80	165.40	167.05	168.55	171.62	178.05	182.37	178.80		48
8 39W 27AAB	3647.0	60 0 0	295	142	144.62	159.25	162.05	162.74	167.60	167.23	170.76	174.70		49
8 39W 28CAB	3660.0	60 0 0	288	130	144.00	152.15	154.00	155.59	157.87	160.46	162.15	163.50		50
8 40W 12DBA	3670.0	60 0 0	290	120	133.35	147.78	148.59	150.04	156.09	155.32	161.52	162.55		51
8 40W 17CDB	3727.0	60 0 0	277	102	107.69	114.03	115.60	118.44	121.92	124.23	124.32	130.52		52
8 40W 20CBC3	3719.0	60 0 0	266	86	89.41	104.32	106.27	104.95	108.37	112.39	116.87	118.01		53
8 40W 20CCC	3716.0	60 0 0	277	80	80.40	99.66	100.13	100.80	104.38	107.54	110.91	112.76		54
8 40W 20DAA	3668.0	60 0 0	216	45	56.00	59.83	62.78	63.94	64.73	63.98	68.40	65.46		55
8 40W 24AAA	3692.0	60 0 0	290	134	148.93	164.74	167.48	169.25	172.99	175.75	179.16	181.17		56
8 40W 25AAC	3701.0	60 0 0	290	133	158.00	167.77	169.74	171.16	175.00	177.20	180.35	183.23		57
8 40W 35CCB	3732.0	60 0 0	272	132	130.25	143.68	145.20	147.40	152.08	153.94	157.26	158.56		58
8 41W 17CBA	3843.0	60 0 0	300	129	128.80	134.37		136.62	136.62		148.59	140.16		59
8 41W 25BBC	3754.0	60 0 0	264	94	95.51	101.50	102.25	103.26	105.23	107.15	109.78	111.15		60
8 42W 4BBC	3912.0	60 0 0	320	149	151.87	162.75	163.50	165.02	167.60	180.93		181.97		61
8 42W 150DB	3859.0	60 0 0	274	98	99.31	110.54	111.70	111.79	114.53	116.98	124.65	121.64		62
8 42W 19ABB	3929.0	60 0 0	310	124	130.34	150.93	153.45	152.46	160.06	159.90	165.11	168.37		63
8 42W 29ACB	3904.0	60 0 0	229	101	100.08	118.90	121.46	114.44	116.39	118.28	121.56	121.78		64
8 42W 31DCD	3872.0	60 0 0	207	50	58.24	67.98	68.75	67.29	70.31	71.40	74.79	73.89		65
8 42W 34DCB	3914.0	60 0 0	265	124	124.65	136.41	137.45	139.65	142.28	143.54	147.66	143.58		66
9 38W 11DDD	3546.0	60 0 0	156	110	110.65	110.54	110.25							67
9 38W 13BCC	3510.0	060	162	74							75.37	76.18		68
9 39W 17BBA	3697.0	60 0 0	236	126		143.09	144.28	146.70		150.33		153.80		69
9 39W 19CCC	3695.0	60	245	105				125.44	127.04	128.60	132.59	131.97		70

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1972 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	N
SHERMAN COUNTY CONTINUED														
9 40W 8CCB	3773.	060	251	123					141.40	144.20	148.15	150.67		71
9 40W 8CDB	3766.0	60 0 0	251	116	116.00	130.56	132.65	134.01	137.54	140.64	144.58	149.25		72
9 40W 13CDC	3722.0	60 0 0	260	123	125.14	0.	144.00	145.34	147.72	151.49	158.49	158.90		73
9 40W 27CDC	3754.0	60 0 0	314	125	127.70	138.55	141.40	143.93	146.72	150.87	154.24	155.03		74
9 40W 29BBB	3782.	60	246	122	119.38	133.43	134.95	136.51	139.42	144.98	144.33	152.70		75
9 41W 5DCC	3860.0	60 0 0	265	128	135.90	147.85	148.40	150.35	151.28	154.40	157.81	164.05		76
9 41W 11DCB	3822.	060	296	132	135.42						161.96	168.10		77
9 41W 14BBC	3835.0	60 0 0	297	134		150.47		150.47	155.08	161.00	166.99	168.45		78
9 41W 28AAA	3854.0	60 0 0	290	124	134.20	148.32	148.30	150.51	152.58	155.59	154.53	167.91		79
9 41W 32AAA	3863.0	60 0 0	284	110	111.12	120.39	120.75	122.17	123.93	126.55	134.99			80
9 41W 34BAB	3841.0	60 0 0	290	111	113.71	124.93	125.60	127.04	132.75	133.31		144.45		81
9 42W 8AAA	3943.	60	271	120	130.78	144.57	145.00	145.28	147.89	150.09	152.70	154.10		82
9 42W 11CCC	3923.0	60 0 0	274	125	135.00	147.97	149.50	150.87	157.06	163.88	166.29	165.26		83
9 42W 14AAA	3901.0	60 0 0	291	116	130.57	148.53		152.17	154.44	158.06	161.98	164.66		84
9 42W 16CDD2	3943.	60	291	114	116.80	123.60			130.05	133.52		141.03		85
9 42W 35ABB	3916.0	60 0 0	268	102	102.98	119.86	121.52	122.02	126.06	130.98	137.09	138.64		86
10 37W 23ABB	3421.0	60 0 0	289	171	173.95	182.51		183.13	184.80	187.81		190.89		87
10 40W 10ADC	3624.0	588 60 0	68	12	15.75	16.49	16.24	16.16	18.74	16.18	16.91	16.65		88
10 41W 15CAD	3762.0	588 60 0	117	12	11.97	14.32			15.17	16.40		19.86		89
10 42W 21BBB	3963.0	60 0 0	223	73	85.50	90.62	91.35	92.39	93.96	96.68	99.59	101.46		90
10 42W 24BBA	3903.0	60 0 0	204	73	83.93	90.34	90.35	90.42	91.95	90.60	94.83	95.92		91

TABLE 1.--HYDROLOGIC DATA, NORTHWESTERN KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1972 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	N
THOMAS COUNTY														
6 31W 3ADB	2957.0	60 0 0	192	109	115.20	117.32	122.32	122.81	118.14	123.05	119.02	119.11		1
6 31W 33CCD	2916.0	588 60 0	131	18	10.30	21.29	22.95		25.02	25.85	28.45	28.12		2
6 32W 12CBC	3020.0	60 0 0	210	115	114.07	114.90		114.84	115.14	115.72	115.99	116.42		3
6 32W 29CDC	3077.0	60 0 0	204	113	111.07	114.14	115.02	114.43	116.39	117.97	124.49	124.13		4
6 32W 34CBC												89.83		5
6 33W 27AAD	3020.	588 60	129	15	11.67	13.62	13.49		13.96					6
6 33W 32DBB	3065.0	588 60 0	110	13	20.77	23.74	23.57	23.12	23.80					7
6 34W 10DD	3177.	060		135		131.50	120.14		137.55			136.46		8
6 34W 10DDA	3212.0	60 0 0	235	144	139.58	144.39	144.60		146.19	147.14	151.10	148.04		9
6 34W 11CDD	3218.	060	253	158	156.00	160.09	160.00	159.18	161.58	162.36	164.04			10
6 34W 17CBC	3261.0	60 0 0	258	151	151.12	153.95	151.66	156.66	155.18	153.51	156.48	160.85		11
6 35W 2CDD	3245.0	60 0 0	250	117	126.89	126.96			129.00	128.24	128.80	128.60		12
6 35W 26ACB	3300.	60	255	151	149.65	150.10	151.48	149.60	149.50	150.55	151.83	152.78		13
6 36W 6BCD	3408.0	60 0 0	323	174	177.65	178.30			183.15	184.12		187.98		14
6 36W 11ACC	3360.0	60 0 0	280	168	160.77	162.75			164.50	165.91	166.50	167.84		15
6 36W 30DCB	3417.0	60 0 0	307	152	146.96	149.40	149.55	149.55	150.44	151.06	152.40	152.66		16
6 36W 34DDB	3334.0	60 0 0	246	99	93.61	0.	94.89	95.57	98.95	104.83	98.60	98.17		17
7 31W 10CA	2956.0	60 0 0	246	108	101.25	103.60		103.52		105.45	106.82	113.35		18
7 31W 26CCC	2989.0	60 0 0	234	104	103.56	108.30	109.08	109.37		112.50	114.95	115.16		19
7 32W 7ACA	3056.0	60 0 0	146	68	63.50	70.46			71.98	73.42	75.35	76.11		20
7 32W 13AAA	3037.0	60 0 0	234	102	100.57	108.45	107.30		112.56	112.08	113.81	115.55		21
7 33W 7BDA	3203.0	60 0 0	254	141	149.22	153.36		152.92	153.53	154.48	154.49	154.14		22
7 33W 21DBC	3141.0	60 0 0	210	111	103.58	110.37	109.95	110.38	110.52	110.58	112.30	113.55		23
7 33W 35ADD	3145.0	60 0 0	252	131	131.23	138.39	138.78	140.02	143.93		145.34	147.28		24
7 34W 8BBB	3224.0	60 0 0	204	94	95.49	95.74	97.18	96.58	98.40	99.95	98.40			25
7 34W 25AAA	3167.0	60 0 0	240	106	105.84	108.70	108.59	109.25	109.10	110.02	111.68	111.04		26
7 34W 26DBD	3177.0	60 0 0	230	104	104.25	106.60			107.27	107.73	108.19	108.15		27
7 35W 10CCC	3303.0	60 0 0	258	123	119.28	122.59	121.19	121.16	124.10	129.40	127.56	128.30		28
7 36W 17CCC	3417.	60	267	139	134.12	136.42	136.87	136.95	138.69	140.01	141.47	141.87		29
7 36W 35CBB	3341.0	60 0 0	221	82	81.71	84.04			84.48	86.41	87.02	90.51		30
8 31W 20CDD	3026.0	60 0 0	220	98	101.45	104.15	104.35	104.58	112.17	112.37	107.96	115.69		31
8 32W 7BAA	3102.0	60 0 0	272	98	98.86	104.61	105.44	106.10	107.53	103.36	111.61	112.77		32
8 32W 12DBC	3057.0	60 0 0	217	110	108.24	103.65	103.75	103.77	104.84	111.00	106.49	107.52		33
8 32W 27DAB	3078.0	60 0 0	228	112	110.27	114.04	113.83	114.36	114.49	108.67	110.15	112.48		34
8 33W 2CDD	3140.0	60 0 0	270	120	123.00	126.11	128.74	130.22	132.23	133.25	134.56	135.70		35

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1972 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	N
THOMAS COUNTY CONTINUED														
8 33W 7AAB	3194.0	60 0 0	244	144	143.08	146.35	148.53	148.84	150.49	154.69	170.14	151.57		36
8 33W 34BBC	3168.	60	197	130	129.52	136.53	138.24	138.12	142.14	141.40	138.96	145.56		37
8 34W 1BAC	3179.	60	270	113	115.65	118.10	118.72	119.64	120.11	120.15	121.46	122.08		38
8 34W 6CBC	3266.0	60 0 0	227	130	134.90	137.13	136.70	138.10	136.22	136.89	137.75	138.85		39
8 34W 23CBD	3232.0	60 0 0	235	162	154.60	158.34			162.74	163.70	165.98	167.43		40
8 36W 18ABA2	3428.	060	233	125	122.26	124.45	124.26	124.73	124.81	124.44	125.35	125.84		41
9 31W 10BBB	2999.0	60 0 0	177	85	82.95	84.01	83.86	83.58	84.81	86.56	85.50	85.69		42
9 31W 22ABD	2990.0	60 0 0	191	83	76.85	77.82		78.19		76.69	82.86			43
9 31W 36AAB	3013.0	60 0 0	209	130	130.65	133.26	132.92	133.00	134.00		136.89	141.10		44
9 32W 9BDA	3043.0	60 0 0	173	58	66.79	65.53		66.49	67.38	67.03	67.93	69.49		45
9 32W 27BCD	3076.0	60 0 0	207	97	97.58	103.92	103.49	102.40		110.69	112.24	114.56		46
9 33W 7BBB	3181.	60 0 0	256	117	115.84	119.00	120.54	121.21	123.05	128.28	128.90	131.67		47
9 33W 14AAB	3114.0	60 0 0	207	90	89.90	97.07	95.00	95.88	100.60					48
9 33W 15ACC	3135.0	60 0 0	248	100	98.77	104.04	105.39	107.65	109.99	110.85	115.17	117.90		49
9 33W 26DAD												143.98		50
9 33W 30CAA	3216.0	60 0 0	280	161	176.10	178.57	180.51	184.02	187.46	187.95	193.48	194.59		51
9 33W 31CDB	3189.0	60 0 0	315	136	145.20	161.88	165.25	164.62	171.34	168.34	175.13			52
9 33W 35AAD	3145.0	60 0 0	250	125	128.90	131.85	132.88	135.25	137.25	140.82	143.95	147.78		53
9 35W 32DAA	3361.0	60 0 0	235	182	187.67	188.08	191.07	188.01	191.45	188.25	187.74	187.40		54
10 31W 26AAA	2891.0	588 60 0	31	11	5.08	8.10	8.81	8.26	8.95	9.44	8.38	9.24		55
10 31W 29AAB	2997.0	60 0 0	183	82	82.10	82.40	82.98	84.74	84.20	85.22	86.73	87.70		56
10 32W 4CAB	3091.0	60 0 0	214	106	103.10	107.49		108.25	109.88	110.95	114.06	108.49		57
10 32W 11BAA	3072.0	60 0 0	171	110	104.96	107.90	106.98	107.55	108.62	108.93	110.39	112.98		58
10 32W 29DCB	3064.0	60 0 0	184	78	80.48	84.05	84.60	85.32	88.70	88.63	89.52	91.00		59
10 33W 30BC	3145.0	60 0 0	254	120	127.22	126.77		130.82	134.02	137.42	150.60	140.60		60
10 33W 6BBC	3190.6	60 0 0	315	136		167.19		168.65	174.94	173.18	177.66	181.38		61
10 33W 19CBD	3161.0	60 0 0	166	100	99.39	101.85	101.87	102.82	102.78	102.91	103.76	107.04		62
10 33W 27BBB	3119.0	60 0 0	152	87	92.26	94.91	94.75	95.80			97.70			63
10 34W 1ABA	3197.	60	301	138	147.60	166.63	169.83	168.20	176.30	173.17	177.00			64
10 34W 12BCD	3220.0	60 0 0	297	157	168.84	175.45	174.38	174.30	179.08	177.19	173.74	173.52		65
10 34W 14BCC	3222.0	60 0 0	194	138	142.15	146.51	141.69	141.40	143.30	141.71	142.30	142.22		66
10 36W 7ACC	3405.	060		155						169.98	172.18	172.72		67
10 36W 36ACC	3359.0	60 0 0	199	164	168.65	169.19	168.98	169.88	169.95		171.78	170.79		68

TABLE 1.--HYDROLOGIC DATA, NORTHWESTERN KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1972 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	N
WALLACE COUNTY														
11 38W 35CCC2	3372.	060	189	81	76.00	108.07	110.90	120.85	126.85	130.96	138.60	140.67		1
11 42W 8DDC	3953.	060	164	98		102.19	103.30	103.60	105.30	105.77	107.10	107.96		2
13 42W 10BAC	3770.	060	50				37.97		37.98			38.00		3

Table 1.--Hydrologic data, west-central Kansas.

TABLE 1.--HYDROLOGIC DATA, WEST-CENTRAL KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
GREELEY COUNTY														
16 39W 2BDC	3520.	060	220	81		108.70	110.05	113.57	117.49	119.65	123.02			1
16 39W 4BAB	3565.	060	220	95						142.90	133.90			2
16 39W 15CBB	3541.	060	163	96						124.15	125.70			3
16 39W 18BBC	3609.	060	200	118	125.00	128.57	129.70	136.49	138.58	141.76	145.00			4
16 39W 22DCB	3529.	060	163	95	88.80	107.03	108.65	114.50		122.40	123.30			5
16 39W 25CBB	3505.	060	167	100	93.50	106.04	106.50	112.09	115.30	113.63	115.95			6
16 40W 2ABA	3594.	060	182	72	80.50	96.80	96.20	102.64	103.19	106.80	109.40			7
16 40W 6BAA	3679.	060	242	104	115.70	126.52	127.50	129.81	132.37	136.50	138.80			8
16 40W 15ACC	3650.	060	192	114	119.90	133.70	135.00	141.83	138.72	144.50	144.60			9
16 40W 18DBA	3691.	060	217	121	126.70	139.78	140.28	147.14	146.77	150.75				10
16 40W 26ADA	3602.	060	157	93						108.48	110.25			11
16 40W 35BBA	3597.	060	125	76	73.00	90.76	90.90	99.70	95.39	96.50	93.88			12
16 41W 58BB	3745.	060	250	128					162.63	166.50	167.20			13
16 41W 20BAD	3739.	060	234	129	131.34	147.53	149.15	151.45	153.35	149.43	150.20			14
16 41W 23BBD	3705.	060	221	119						148.34	142.60			15
16 41W 33AAB	3746.	060	202	156	.	157.24	157.55	163.30	159.95	160.65	161.35			16
16 42W 10CBC	3820.	060	230	174						198.68	199.90			17
16 42W 22CB	3828.	060	237	183	198.50	190.54	190.80	193.24	194.35	195.92	197.40			18
17 39W 2BBA	3511.	060	161	102							124.02			19
17 39W 6CCD	3583.	060	180	134	.	135.28	135.30	135.97	139.65	135.35	136.30			20
17 39W 14ADD	3503.	060	203	108						114.84	115.30			21
17 39W 19DBB	3573.	060	182	125	.	126.29	127.68	134.62	129.15	129.70	129.30			22
17 39W 22ABB	3527.	060	195	118	123.36	120.34	120.45	122.18	122.78	124.22	124.85			23
17 39W 34CCB	3505.	060	135	95						95.40	94.50			24
17 40W 40CB	3646.	060	187	152	156.70	161.11		172.76	176.79	168.40	168.80			25
17 40W 15CCB	3607.	060	209	123	127.05	130.04	130.98	132.37	133.50	135.00	136.00			26
17 40W 17BBA	3663.	060	217	165						182.99	195.75			27
17 40W 31BBA	3663.	060	218	151	168.16	169.81	167.88	173.17	178.04	188.10	185.80			28
17 41W 1AAD	3670.	060	145	120	117.00	117.70	117.62	116.86	117.97	118.25	119.10			29
17 42W 27CBB	3768.	060	61	31	.	35.49	33.97	36.80	38.51	39.66	40.40			30
18 39W 7BBD	3564.	060	145	109	.	112.76	112.90	127.78	125.50	125.15	116.90			31
18 39W 19CDA	3510.	060	100							70.38	71.80			32
18 39W 23CCB	3485.	060	185	113	122.20	126.23	126.80	129.07	130.64	131.08	131.70			33
18 39W 24AAC	3467.	060	183	105						139.40	138.80			34
18 40W 4CBD	3616.	060	161	125	131.22	131.75	131.60	.	132.48	133.15	135.30			35

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
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GREELEY COUNTY CONTINUED

18 40W 68BA	3642.	060	187	123						144.32	142.70			36
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TABLE 1.--HYDROLOGIC DATA, WEST-CENTRAL KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
LANE COUNTY														
16 29W 26CCD	2803.	060	140	90	89.28	96.50	95.04	97.05	98.02	99.55				1
16 30W 24DCC	2840.	060	130	109	.	115.30	115.15	116.42	115.87	116.74				2
16 30W 29CDD	2884.	060	174	121	.	121.35	121.60	122.80	122.75	123.77	124.70			3
16 30W 34DAH	2857.	060	172	116						118.37	120.60			4
17 27W 20CCC	2717.	060	127	84	.	91.56	91.63	92.98	95.05	96.40	97.50			5
17 27W 26CCC	2678.	060	127	80	.	92.46	92.53	93.82	94.85	95.60	94.70			6
17 28W 7BBB	2785.	060	170	83	.	89.26	89.30	90.60	91.53	92.96	94.50			7
17 28W 15BBC	2760.	060	150	84	.	99.23	98.28	100.90	100.83	102.02	101.00			8
17 28W 26ABB	2735.	060	140	85	88.28	95.32	96.00	96.60	98.04	100.50	99.50			9
17 28W 34CBH	2747.	060	132	78						91.50	88.30			10
17 29W 38DC	2816.	060	156	102						109.63	109.50			11
17 29W 6CCB	2838.	060	173	103	.	112.47	112.47	114.12	115.35	116.46	118.10			12
17 29W 28DCD	2810.	060	123	68						74.45	74.00			13
17 29W 36BAA	2784.	060	119	70	.	78.90	78.15	79.24	80.20	80.32	81.00			14
17 30W 5AAC	2877.	060	175	108						114.67	114.80			15
17 30W 13CBH	2846.	060	151	84	83.94	85.58	86.00	85.80	86.34	87.09	87.40			16
17 30W 20BBB	2889.	060	165	87						96.20	95.20			17
17 30W 22ACA	2859.	060	144	76						82.20	82.40			18
18 27W 13CCC	2674.	060	95	88	86.11	85.98		87.18	87.10		86.30			19
18 28W 18ACC	2764.	060	95	51	.	51.66		56.88	63.48	66.90	63.70			20
18 29W 4DAD	2801.	060	110	56	.	61.88	61.02	62.78	64.30	64.80	63.70			21
18 30W 2AAA	2849.	060	124	68		76.36	77.00	81.40	81.48	83.21	87.10			22
18 30W 4BAB	2872.	060	125	69						69.54	70.70			23
18 30W 23AAA	2848.	060	150	55						65.07				24

TABLE 1.--HYDROLOGIC DATA, WEST-CENTRAL KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
SCOTT COUNTY														
16 31W 17DDD	2931.	060	161	118	.	117.48		119.08	119.93		118.24			1
16 31W 23CCC	2906.	060	174	120						133.94	122.50			2
16 31W 31BCB	2958.	060	168	127	128.43	130.25	129.81	132.14	133.80	139.40	138.88			3
16 32W 23BCD	2976.	060	171	136	140.79	141.88	140.57	.	143.43	148.94	141.75			4
16 33W 7CCC	3099.	060	193	130	143.64	149.95	150.23	157.08	154.04	155.07	155.89			5
16 33W 19CBB	3097.	060	192	124	140.71	151.67	159.25	161.33	156.38	156.70	157.31			6
16 33W 21BCC	3078.	060	188	145	151.60	158.12		156.08		163.17	163.95			7
16 33W 24DAB	2855.	060	58	6	10.41	10.35	10.72	11.98	12.05	11.14	11.30			8
16 33W 25BCC	2879.	060	84	5	.	8.12	8.36	.	11.20	9.69	10.20			9
16 33W 31CBB	3098.	060	203	117	129.04	138.53	139.21	.		143.46	145.83			10
16 33W 33BAA	3066.	060	194	130	.	140.72	140.90	143.21	144.44	145.19				11
16 34W 9CCB	3146.	060	181	118	133.52	141.55	142.30	143.47	146.73	148.49	151.42			12
16 34W 13BCB	3110.	060	187	129						154.89	156.12			13
16 34W 20DBC	3150.	060	190	118	130.84	143.40	144.62	147.59	151.89	154.59	156.17			14
16 34W 22BDC	3128.	060	196	113	136.70	148.60	148.59	152.24	155.45	156.29	158.16			15
16 34W 29CBB	3160.	060	200	119	134.12	143.30	145.27	150.50	153.64	155.43	156.18			16
16 34W 318BB2	3172.	060	200	120				158.74	153.88					17
16 34W 34CBB	3135.	060	190	114	129.50	142.08	142.88	148.88	149.70	152.73	154.06			18
17 31W 4DCC	2932.	060	170	117						121.96	121.16			19
17 31W 14CCD	2914.	060	164	94						102.88	104.57			20
17 31W 17DAA	2950.	060	191	112	111.46	115.12	116.11	115.78	116.48	117.79	111.60			21
17 31W 25BCC	2914.	060	170	88	89.79	92.40	92.98	93.95	96.83		97.34			22
17 31W 318BB	2958.	060	178	87	.	100.35	100.74	101.94	104.17	105.47	107.54			23
17 31W 35CCB	2925.	060	147	86						95.05	94.12			24
17 32W 5ABB	2984.	060	208	107	109.60	113.40		.						25
17 32W 11DAA	2977.	060	172	123	.	124.85	124.90	128.72	131.66					26
17 32W 16BBB	2980.	060	231	88	.	104.42	107.40	114.19		120.11	126.90			27
17 32W 27BBB	2990.	060	180	95	107.09	120.42	120.15	125.60	126.59	129.54	131.30			28
17 32W 31BCB	2984.	060	245	68	88.69	100.52	102.28	105.16	108.19	110.93	114.54			29
17 32W 34CAA	2980.	060	162	88	102.17	115.72		.	117.86	121.63				30
17 33W 7BBB	3093.	060	202	112	134.58	143.80	142.55	140.81	143.60	145.21	146.76			31
17 33W 13DDD	2990.	060	241	79						117.52	119.11			32
17 33W 14ACB	3014.	060	214	93	.	120.96	119.96	124.16	125.80	128.05	129.86			33
17 33W 16ABC	3050.	060	188	101	121.28	129.36	129.80	138.76	135.58	137.00				34
17 33W 28CDA	3035.	060	190	84	99.99	112.34	112.83	118.59	118.33	125.86	131.98			35

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
SCOTT COUNTY CONTINUED														
17 34W 6BCB	3163.	060	194	108	118.55	128.45	128.90	131.30	134.15	135.22	136.70			36
17 34W 16ACB	3134.	060	194	107	112.13	116.92	118.08	122.55	120.16	122.31	121.99			37
17 34W 25DBB	3092.	060	189	103	114.58	121.70	121.67	123.72	125.61	130.60	131.17			38
17 34W 27ABA	3113.	060	188	102						118.88	119.38			39
17 34W 28CCB	3138.	060	184	98	107.77	117.80	114.67	119.29	120.85	123.79	123.09			40
18 31W 20ABA	2951.	060	136	81	.	78.28	78.24	78.30	78.51	82.04				41
18 31W 24BCB	2913.	060	110	68				70.92	72.47	75.18	76.82			42
18 31W 27ABA	2930.	060	105	70						70.00	69.65			43
18 32W 14BBB	2980.	060	175	85	98.47	107.67	104.94	106.90	113.35	109.86	109.02			44
18 32W 17ABA	2970.	060	140	62	78.07	86.65	88.10	91.54	96.27	99.87	101.72			45
18 32W 20CBH	2958.	060	179	43	59.11	67.88	69.04	74.28	80.79	83.50	85.03			46
18 33W 3CCB	3008.	060	182	71	83.15	100.73	102.57	107.35	114.66	114.16	113.32			47
18 33W 5CCC	3041.	060	119	75	84.76	88.80	89.82	90.57	92.08	102.92	93.80			48
18 33W 11ABH	2981.	060	199	55						102.93	103.08			49
18 33W 20CCD	3034.	060	117	69	88.75	92.95	93.14	.	96.32	97.54	97.20			50
18 33W 26DAD2	2952.	588060	168	30	47.00	57.80	58.30	61.95	64.51	67.80	69.05			51
18 33W 34BDA	2959.	060	122	26										52
18 33W 35AAA	2939.	588060	144	17	30.04	44.26	44.66	49.42	51.92	54.75	56.09			53
18 34W 1CBB	3094.	060	166	96	107.52	108.50	108.42	111.57	119.89	115.85	116.76			54
18 34W 5CBB	3148.	060	168	88						108.75	109.81			55
18 34W 9CDD2	3133.	060	163	90	.	99.16	99.80	100.97	102.50	105.05	107.38			56
18 34W 18BBB	3154.	060	140	79	92.80	108.38	108.05	106.23		106.60	112.52			57
18 34W 25BBB	3092.	060	132	90	95.85	102.80	103.48	108.52	106.79	114.86	108.79			58
18 34W 30DDC	3154.	060	83	83	99.35	111.93	112.75	115.42	120.82		138.56			59
18 34W 34BBC	3130.	060	160	90	100.65	108.55	109.73	.	114.18		118.01			60
19 31W 20BAD	2982.	085			.	72.70	72.84	76.52	82.32	77.38	77.15			61
19 32W 6CCB	2937.	588060	199	21	.	39.09		.	49.60	52.96	54.43			62
19 32W 32ACB	2984.		204	69	.	.	77.70	79.04	80.10	83.19	81.26			63
19 33W 6DBB	3021.	060	117	59	.	66.70	65.46	66.72	66.60	66.91	65.57			64
19 33W 12DDC	2939.	588060	200	25	29.56	38.70	40.39	42.08	44.48	45.83	47.28			65
19 33W 15DBD	2964.	060	132	56	70.90	83.44	81.71	91.95		101.41	103.20			66
19 33W 21AAD	2964.	060	124	57						105.22	106.25			67
19 33W 24ABH	2949.	588060	219	36	47.16	53.89		56.54	59.18	58.53	58.95			68
19 33W 250CD	2953.	588060	214	42	59.70	69.18	70.81	73.33	80.33	81.32	81.82			69
19 33W 29CBH2	2994.	588060	174	76	101.00	113.72	113.23	119.38	118.10	125.68	119.89			70

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
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SCOTT COUNTY CONTINUED

19 33W 34DCC	2962.	588060	162	50	79.40	88.10	88.99	90.88	92.33	94.00	94.90			71
19 34W 16AAD	3065.	060	80	50	.	51.60	51.25	53.07	54.27	55.17				72
19 34W 34BBB	3088.	060	140	116	.	116.60					123.70			73
20 31W 14CBC	2863.	588060	90		.	20.27	19.10	22.27		27.06	36.90			74
20 32W 7CBA	2939.	588060	204	33	.	62.73	63.86	67.48	69.81	74.80				75
20 32W 16DAD	2955.	060	155	57	.	107.90	106.82	.	105.63		119.49			76
20 32W 21BHC	2931.	060	150	37	67.20	110.38								77
20 32W 30BCD	2917.	060	187	25						74.07	75.25			78
20 32W 32DCC	2920.	588060	175	37	49.03	58.74	61.42	72.75	68.60	78.52	62.83			79
20 33W 20BBB	2955.	588060	155	50	76.61	83.87	84.94	88.23	92.34	94.46	92.85			80
20 33W 58BAB	2985.	060	125	67						112.50	112.76			81
20 33W 9BBB	2973.	060	128	60	84.51	89.18	89.78	90.64	91.78	93.81	93.63			82
20 33W 10DBC	2957.	588060	177	50	.	.	93.51	101.30	105.86	105.64	108.40			83
20 33W 17BAB	2974.	060	132	62	84.85	96.10	96.03	101.89	106.59	109.18	111.52			84
20 33W 21ABD	2957.	588060	147	48	50.99	87.70		103.47		110.89				85
20 33W 26CBH3	2938.	060	153	43						93.95	94.53			86
20 33W 35DBA	2929.	588060	147	40	53.29	65.79		72.09	75.56	85.01	83.14			87
20 34W 20BC	3015.	060	109	70	74.30	77.73	76.84	79.34	79.28	80.03	79.85			88
20 34W 15BAA	3060.	060	138	97						102.49	102.80			89
20 34W 36CCD	2962.	060	107	53	.	74.13	75.23	73.82	82.23	80.31	80.19			90

TABLE 1.--HYDROLOGIC DATA, WEST-CENTRAL KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
WALLACE COUNTY														
13 43W 36ABH	3894.	060	270	149	149.08	157.10	162.20	163.29	165.28	168.49	169.90			1
14 38W 21DCC	3538.	060	94	82	80.15	81.20		81.45	82.45	81.38	81.52			2
14 38W 29CCC	3543.	060	151	83	.	89.57	90.30	90.99	90.60	91.60	92.05			3
14 39W 36BCB	3576.	060	187	104	117.20	124.40	124.16	132.07	134.10	135.54	135.90			4
14 40W 16CBC	3712.	060	218	150	147.50	154.60		.						5
14 40W 23ADD	3645.	060	220	118	124.50	137.80	141.80	.	156.15	149.28				6
14 40W 29ABA	3702.	060	230	137	.	146.70	153.59	156.93	156.88	156.69				7
14 41W 18DCB	3778.	060	387	106						134.30	139.50			8
14 41W 22BBB	3729.	060	218	84	86.13	95.10	97.22	102.52	108.05	110.23	111.60			9
14 41W 28DCA	3760.	060	414	112				136.73	142.73	147.39	132.00			10
14 41W 30DDC	3798.	060	268	131						171.82	168.80			11
14 42W 2AAB	3838.	060	400	143	150.90	155.60	156.86	160.80	163.05	168.12	170.50			12
14 42W 10BBA	3838.	060	403	133						164.04	166.50			13
14 42W 14DBD	3796.	060	400	101	117.45	116.90	118.10	123.78	134.20	132.07	137.40			14
14 42W 22BDD	3831.	060	432	133	.	150.10	147.47	.	158.00	161.22	164.00			15
14 42W 30BCA	3880.	060	386	155	159.60	166.80	175.10	172.91	175.90	185.16	185.80			16
15 38W 5CCB	3531.	060	144	76						100.75	101.30			17
15 38W 78BB	3551.	060	178	90	105.94	120.30	120.39	124.49	133.65	128.34	130.10			18
15 38W 14CCD	3486.	060	150	70	81.13	92.60	93.37	98.18	101.40	99.22	100.20			19
15 38W 18CCC	3548.	060	176	90						138.17	140.55			20
15 38W 21CBC	3513.	060	180	85	102.55	124.00	124.37	127.29	135.50	126.77	128.77			21
15 38W 28DBB	3502.	060	202	82	106.31	123.30		130.41	134.30	138.93	140.57			22
15 38W 30CCB	3539.	060	232	85	108.73	127.30	131.46	134.20	134.80	138.63	141.95			23
15 38W 36CBB	3461.	060	153	76	80.86	101.00	101.89	104.28	108.15	109.85	111.25			24
15 39W 28CD	3585.	060	195	109	125.08	145.10	144.89	146.28	150.05	152.69	152.10			25
15 39W 6CBA	3625.	060	223	106	118.80	131.30	133.25	143.02	149.00	146.81	149.16			26
15 39W 8ACC	3623.	060	222	113	129.94	142.90	145.56	151.51	153.90	158.16	158.90			27
15 39W 15DBA	3591.	060	205	110	.	141.30	142.15	149.79	157.40	153.56	155.00			28
15 39W 26ACC	3561.	060	239	90	111.57	128.30	131.23	133.79	134.10	136.80	139.03			29
15 39W 28BBD	3565.	060	200	65	76.25	89.80	92.36	101.20	99.90	101.87	104.76			30
15 40W 3BAB	3636.	060	254	86	85.06	93.10	94.82	101.76	111.50	108.79	111.52			31
15 40W 78BB	3706.	060	260	117	116.70	126.00	127.45	131.64	135.85	141.28	143.10			32
15 40W 90CB	3653.	060	261	85	90.80	100.70	102.37	108.15	113.45	116.60	118.42			33
15 40W 13BAA	3642.	060	242	104	111.95	124.30	125.81	.	138.80	138.79	138.50			34
15 40W 14CCC	3635.	060	258	81						111.88	112.75			35

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
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WALLACE COUNTY CONTINUED

15 40W 20BBD	3674.	060	271	94						122.25	122.48			36
15 40W 26CAB	3646.	060	245	100	102.05	111.50	113.30	120.26	120.05	122.84	124.10			37
15 40W 30DBB	3694.	060	265	109	114.69	128.20	129.58	132.00	136.04		140.82			38
15 41W 5ACB	3794.	060	235	136	147.20	159.90	162.58	168.28	168.88	173.85	170.13			39
15 41W 10BAB	3787.	060	264	157	163.79	173.60	175.69	184.74	184.55	188.91	190.23			40
15 41W 27CBC	3750.	060	265	145	.	161.90	163.90	166.89	175.50	176.78	179.38			41
15 41W 29CAC	3785.	060	230	160						202.73	202.92			42
15 41W 36DDB	3695.	060	265	104	113.17	122.30	124.72	131.01	130.50	134.35	135.60			43
15 42W 28BBB	3854.	060	225	159	166.95	173.60	175.49	.	185.60	193.53	193.80			44
15 42W 9BDD	3892.	060		182	186.60	192.40		195.27	197.70	200.43	201.60			45
15 42W 16ADC	3863.	060	163	153	154.30	160.10	161.80	161.92	160.74					46
15 42W 32BDA	3901.	060	271	216	233.90	237.40	239.23	246.87	246.85	243.19	245.35			47
15 42W 36CDC	3844.	060	270	194	214.18	231.50		.	237.00	239.26	238.66			48

TABLE 1.--HYDROLOGIC DATA, WEST-CENTRAL KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	N
			BEDROCK (FEET)	WATER 1950 (FEET)	WATER 1966 (FEET)	WATER 1973 (FEET)	WATER 1974 (FEET)	WATER 1975 (FEET)	WATER 1976 (FEET)	WATER 1977 (FEET)	WATER 1978 (FEET)	WATER 1979 (FEET)	WATER 1980 (FEET)	
WICHITA COUNTY														
16 35W 10CD	3131.	060	109	78	79.60	87.19	84.97	84.62	85.24	86.40	86.45			1
16 35W 6AAB	3208.	060	118	71	81.54	83.16	79.86	80.20		83.01	80.56			2
16 35W 13CCC	3180.	060	170	118	126.60	136.60	138.61	142.28	144.66	148.94	150.10			3
16 35W 20CCC	3231.	060	189	103	124.68	142.18	143.10	145.72	149.20	154.19	153.20			4
16 35W 27BBC	3202.	060	166	107	122.00	137.20	139.07	141.36	146.22	153.35				5
16 35W 31DBA	3230.	060	192	97	114.60	129.63	131.74	133.80	136.49	139.93	138.63			6
16 36W 3DCC	3267.	060	138	87		110.48	111.89	114.10	116.69	120.31	121.85			7
16 36W 78CB	3319.	060	140	80	91.80	98.80	99.61	104.34	103.46	107.10	106.40			8
16 36W 14CCD	3263.	060	204	88	114.75	120.56	121.16	124.82	129.61	136.94	135.73			9
16 36W 17ABC	3297.	060	157	83	98.50	115.16	117.15	120.90	124.53	127.74	129.11			10
16 36W 21CCC	3295.	060	205	84	99.90	124.64	126.20	131.18	135.35	138.89	145.06			11
16 36W 25BBB	3257.	060	202	95	120.58	133.20	133.35	136.10	139.49	145.06	142.76			12
16 36W 30CBC	3319.	060	218	87	109.30	127.56	130.32	135.60	138.49	142.40	144.59			13
16 36W 34CCC	3275.	060	187	90	102.30	113.60	114.98	117.85	121.16	125.20	128.45			14
16 36W 35CCC	3265.	060	201	95	106.20	118.52	119.28	121.88	124.90	128.75	130.67			15
16 36W 36CBC	3246.	060	200	91	105.45	116.83	118.09	120.75	122.94	124.75	126.55			16
16 37W 4DCC	3380.	060	149	80		107.40	109.67	116.07		117.40	118.35			17
16 37W 13BBC	3331.	060	151	78	92.70	112.03	112.50	115.84	117.70	121.02	122.45			18
16 37W 15CCC	3369.	060	204	83	106.70	126.40	127.00	131.94	134.02	139.84	141.00			19
16 37W 17BBB	3399.	060	194	86	101.00	121.90	123.18	130.83		133.85	137.90			20
16 37W 27ABC	3360.	060	210	88	111.90	129.88	131.68	135.70	139.14	142.76	145.96			21
16 37W 29BBB	3394.	060	219	86	103.80	128.85	131.90	134.62	137.81	143.60	145.20			22
16 37W 30ACB	3400.	060	200	88	112.20	131.32	131.75	135.72	139.75	144.68	146.40			23
16 38W 5BBB	3497.	060	222	87	104.00	125.35	125.86	131.89	136.59	140.75	142.30			24
16 38W 10ABB	3458.	060	208	83	96.36	122.45	122.10	127.50	130.63	133.70	134.40			25
16 38W 16ACC	3452.	060	214	73	89.22	114.16	114.80	118.56	123.33	125.53	127.70			26
16 38W 19BBB	3482.	060	180	80						115.15	119.00			27
16 38W 26BBB	3424.	060	197	75	112.02	118.41	119.25	122.12	126.43	140.75	131.60			28
16 38W 29ADB	3458.	060	180	80	92.27	111.60	111.80	117.28	119.78	123.10	124.50			29
17 35W 28BB	3189.	060	189	109		134.10	135.90	140.41		144.57	145.10			30
17 35W 15CDC	3194.	060	204	98	110.00	118.08	119.53	121.94	130.50	125.65	128.10			31
17 35W 18ACB	3226.	060	195	97	110.80	122.00	124.71	126.74	128.77	134.36	134.34			32
17 35W 27CCC	3195.	060	210	91	109.60	131.08	130.26	139.10	139.96	140.99	144.18			33
17 35W 30CBB	3235.	060	218	94	126.60	139.20	138.98	143.60	150.74	154.44	156.24			34
17 36W 5CCD	3299.	060	187	95	112.15	124.85	124.88	131.05	134.63	141.43				35

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
WICHITA COUNTY CONTINUED														
17 36W 10CBB	3202.	588060	97	29		40.60	42.52	44.90	47.27	48.52	49.47			36
17 36W 20DDDB	3241.	060	144	48	56.80	69.23	70.85	74.10	76.39	80.27	81.26			37
17 36W 23BCC	3258.	060	228	100	125.35	136.94	136.82	140.57	147.24	153.10	152.46			38
17 36W 33BCB	3286.	060	208	98	113.30	126.00	127.13	130.50	134.63	137.17	137.80			39
17 36W 36BBB	3246.	060	216	94	125.10	135.99	136.26	141.45	147.09	152.76	153.73			40
17 37W 3AAB	3349.	060	184	89	104.03	120.15	121.51	.	126.61	130.99	130.22			41
17 37W 8BAA	3374.	060	196	84	101.20	113.97	116.00	119.79	118.08	121.12	123.80			42
17 37W 13CDD	3300.	060	175	70		88.54	89.24	91.30	93.55	97.50	95.15			43
17 37W 22CCC	3351.	060	195	92	104.39	115.60	115.31	119.40	126.59	125.28	128.80			44
17 37W 28CCC	3360.	060	190	85	98.40	115.60	115.54	120.27	122.66	126.11	127.00			45
17 38W 18AA	3399.	060	185	85	108.42	116.04	117.80	120.98	120.28	122.05	122.50			46
17 38W 6BDD	3474.	060	145	86	87.33	93.39	95.05	97.06		100.80				47
17 38W 10AAB	3415.	060	210	83		98.00		107.86	110.46	113.23	111.90			48
17 38W 12DCB	3330.	060	124	21	26.09	38.34		41.94	43.92	45.50				49
17 38W 21BBB	3446.	060	165	100	100.38	109.10	112.00	114.50	115.76	119.30	121.20			50
17 38W 24ACC	3394.	060	210	86	104.50	114.70	115.90	119.55	122.59					51
17 38W 27ACD	3420.	060	174	95		123.88	118.97	121.27	123.48	130.90	132.30			52
17 38W 28CCC	3446.	060	190	105	113.63	123.88	125.30	128.15	132.61	136.72	138.70			53
18 35W 2ACC	3178.	060	170	88	104.00	119.90	120.75	.			129.25			54
18 35W 8BBC2	3217.	060	186	82		118.59	118.27	.	127.60	137.73				55
18 35W 14DCD	3171.	060	137	80	91.12	101.13	102.68	110.72	107.33	114.81	113.15			56
18 35W 17DAA	3208.	060	164	86		117.17	118.11	127.39	127.74					57
18 35W 34ABH	3192.	060	143	85	97.90	103.72	106.90	109.09		120.10	121.10			58
18 36W 2DCB	3251.	060	198	90	103.97	114.84	116.13	.	122.01	123.11	124.74			59
18 36W 9BBB	3280.	060	195	81	101.04	115.84	117.14	120.90	123.84	126.78	128.71			60
18 36W 15DAD	3235.	060	165	60		74.17	74.80	.	79.32	83.30	82.20			61
18 36W 18DDC	3295.	060	174	82	90.02	112.44	112.60	117.91	120.07	123.24	124.20			62
18 36W 29ABH	3285.	060	171	85	92.32	104.01	105.25	.		119.64				63
18 36W 36CCC	3219.	060	120	70	69.60	72.22	74.21	78.15	75.48	75.76	76.50			64
18 37W 1BBB	3315.	060	174	80	108.41	120.37	120.29	130.40	129.00	132.85	136.43			65
18 37W 3CCC	3352.	060	201	90		128.87	129.10	132.78	136.07	140.93	140.92			66
18 37W 5CBB	3377.	060	196	89		129.50	130.40	133.73	138.19	146.90	146.30			67
18 37W 14BBB	3321.	060	190	73						134.60	126.88			68
18 37W 19AAD	3370.	060	167	86	108.55	128.00	129.40	134.23	136.59	146.27	140.16			69
18 37W 21BBB	3360.	060	175	85	113.65	137.18	137.92	142.14	146.55	154.33	152.46			70

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1950 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
WICHITA COUNTY CONTINUED														
18 37W 348BB	3320.	060	130	62	70.70	84.30	85.16	87.45	89.29	91.19	92.90			71
18 37W 36ABB	3301.	060	155	76	89.33	97.88	97.90	100.12	100.87	103.10	104.40			72
18 38W 28CC	3414.	060	199	95	115.75	126.60	128.48	135.64	139.29	143.38	146.20			73
18 38W 88BD	3432.	060	182	82		107.37	109.48	113.06	114.76	119.50	122.30			74
18 38W 12BCC	3401.	060	202	91	117.40	135.10	135.88	144.14	145.09	150.36	153.50			75
18 38W 20ACC2	3440.	060	169	90	108.71	115.84	119.65	126.92	129.06	131.30	131.40			76
18 38W 23BAB	3340.	588060	108	23		48.57	49.09	50.50	51.41	53.08				77
18 38W 31DBC	3450.	060	148	109	108.74	111.26	111.90	.	116.20	122.60				78
18 38W 36DDD	3374.	060	129	78	82.41	80.52	80.60	81.09	81.46	82.15	83.50			79
19 35W 1AAA	3165.	060	134	83	100.25	109.47	109.84	114.12	113.52	120.04	114.06			80
19 35W 88BB	3217.	060	135	85						94.37	92.15			81
19 35W 29BCB	3139.	060		32		34.70	34.80	34.97	35.24	36.17	37.24			82
19 36W 15BAA	3236.	060	112	71		76.03	76.34	76.88	77.06	77.43	77.93			83
19 37W 22AAB	3330.	060	138	98		103.13	104.18			112.36	107.30			84
19 38W 14AAB	3403.	060	160	95		94.84		.		100.89	97.00			85
19 38W 18DCC	3456.	060	180	120		121.77	122.07	122.60	122.72	132.73	131.90			86
19 38W 26CCB	3408.	060	173	96		103.36	104.04	106.24	104.88		105.10			87
19 38W 31CBC	3463.	060	205	140		139.13	138.39	139.07	138.63	139.27	138.60			88
20 35W 15BCC	3112.	588060	80	58	55.62	56.56	56.66	57.06	52.75	57.30	56.70			89
20 36W 140AD	3225.	060	108	94	94.20	94.30	94.25	96.57	98.99	100.88	98.35			90
20 37W 29DCC	3359.	060	139	98		109.87	110.76	113.21	114.06	117.34	116.10			91
20 38W 17CBD	3442.	060	232	135		138.12	137.54	.	140.46	147.28	143.30			92
20 38W 33BBA	3424.	060	205	126	134.00	137.00	137.94	138.16	139.28		140.30			93

Table 1.--Hydrologic data, southwestern Kansas.

TABLE 1.--HYDROLOGIC DATA, SOUTHWESTERN KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
FINNEY COUNTY														
21 29W 36CCB	2611.	588	23	17	17.75	19.21	18.97	19.31	20.10	21.35	22.71			1
21 30W 58BB	2863.	004060	78	35	28.62	32.39	33.26	35.48	37.00	37.68	38.34			2
21 31W 8ABB	2903.	004060	73	55	48.56	.	47.30	.	45.63	47.37	47.20			3
21 32W 8ABD	2910.	004	150	36	41.33	57.24	59.56	67.86	70.03	81.80	80.91			4
21 32W 20CBD	2898.	004060	200	31	45.11	57.15	59.76	66.05	70.88	73.10	77.47			5
21 32W 26DAA	2946.	004060	171	96	98.88	99.89	99.47	.	99.61	105.34				6
21 33W 2ACB	2910.	004	161	27	39.26	50.65	54.16	65.92	64.51	68.76	68.20			7
21 33W 7DDA	2918.	004	95	33	48.30	57.85	58.14	62.80	61.42	66.62	68.23			8
21 33W 31CB82	2908.	004060	100	30	32.33	52.83	56.13	62.78		76.30	79.10			9
21 34W 14DBB	2947.	085			69.02	80.06	84.47	87.93	92.80	104.85	97.11			10
21 34W 16AAD2	2981.	004060	120	80	95.36	95.69	95.52	99.85	107.02	97.70	94.21			11
22 27W 14ADC	2458.	072					169.98	171.50	173.50	176.86	176.69			12
22 31W 12CDC2	2896.	004060	135	83	85.35	87.38	88.13	90.65	91.75	89.50	92.13			13
22 31W 16ADD	2904.	004060	181	84	85.53	90.85	91.99	94.54	94.86	98.32	97.75			14
22 31W 35ABB	2877.	004060	149	72	80.44	87.60	88.48	92.99	95.02	93.49	94.94			15
22 32W 8ACB	2884.	004060	224	33	40.00	47.66	48.72	54.52	59.41	65.88	67.70			16
22 32W 21CCD	2903.	004060	198	58	66.47	73.73	76.39	83.32	89.71	99.60	99.75			17
22 33W 30BC	2903.	004060	198	33	33.05	48.29	51.67	63.13	69.62	79.34	80.40			18
22 33W 17ADB	2900.	085							66.52	73.44	78.00			19
22 33W 17DCD2	2902.	004060	141	33	42.30	64.65	67.05	83.72	90.21	100.05	103.90			20
22 33W 22BAA	2900.	004060	190	40	47.18	64.68	67.60	78.73	80.75	79.90	76.70			21
22 33W 32CHC	2923.	004060	263	53	82.50	98.85	105.27	115.48	120.71	143.35	147.45			22
22 33W 36AAA2	2860.	004060	200	14	21.58	26.11	29.31	36.20	45.13	62.37	57.45			23
22 34W 8BCB	2987.	085			108.90	120.82	121.05	136.00		147.40	130.10			24
22 34W 10AAA	2933.	004060	153	43	59.24	79.15	82.72	88.96	95.49	103.00	104.82			25
22 34W 26ADD	2928.	004060	203	43	71.61		99.14	106.23	109.60	126.80	131.53			26
22 34W 32BCB	2983.	004060	235	68	94.11	115.40	120.48	128.22	134.35	147.70	154.60			27
23 27W 12CCC	2618.	004060	72	59	62.52	63.80	61.74	62.40	61.90	61.80	63.28			28
23 27W 22DAB	2654.	004060							84.00	84.37	82.59			29
23 28W 22DCD	2732.	004060							74.90	83.60				30
23 28W 34DDC	2738.	004060							76.60	88.75	89.45			31
23 29W 30BBB	2794.	004060							76.00	76.76	76.81			32
23 29W 34CDD	2772.	060	147	84	84.00	84.69	86.78	85.13	83.36	87.16	94.75			33
23 30W 4CAC	2846.	004060							72.20	75.14	65.31			34
23 30W 19CCB	2862.	004060	142	89	82.20	81.73	81.78	82.09	82.45	83.17	83.47			35

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
FINNEY COUNTY CONTINUED														
23 31W 30CD	2877.	004060	167	72	83.03	88.44	89.36	94.14	95.08	98.64	98.00			36
23 31W 35CCC	2875.	004060	200	95	96.76	99.45	99.97	101.68	103.61	107.49				37
23 32W 11ADC	2942.	004060	242	117	122.75	125.20	128.00	.	132.51	137.08	142.76			38
23 32W 18BCD	2878.	004060	290	35	46.14	52.52	55.87	65.80	69.69	104.10	64.00			39
23 32W 19CB	2876.	004060	310	36	44.75	47.98	50.43	62.05	71.80	110.90	94.10			40
23 32W 22DAB	2923.	004060	273	100	109.11	117.05	118.84	119.50		136.00	136.74			41
23 32W 31CA	2876.	004060	324	41	49.40	51.72	51.58	.		94.40	86.50			42
23 32W 35DBA	2916.	004060	291	104	116.40	124.30	123.15	131.42	130.43	141.80				43
23 33W 10DCC	2880.	004060	305	25	37.60	45.08	52.80	64.84	71.46	116.80	105.70			44
23 33W 17BBH	2904.	004060	340	26	60.34	69.46	77.06	101.15	119.57	141.48	122.41			45
23 33W 26ABB	2890.	004060	327	42	50.40	54.55	56.54	68.10	75.27	131.10	102.80			46
23 33W 28CDC	2904.	004060	339	46	61.25		72.00	85.51	98.47	122.27				47
23 33W 32ABB	2910.	004060	350	49	65.34	68.88	72.05	80.40	94.48	107.81	110.78			48
23 34W 10CD	2931.	004060	334	46	81.70	98.38	104.80	117.94	134.03	159.80	146.57			49
23 34W 38CB	2952.	004060	303	50	76.00	98.12	104.12	113.45	125.45	139.55	142.54			50
23 34W 9DBH	2951.	004060	333	40	64.38	81.94	86.10	96.12	102.96	126.85	125.41			51
23 34W 14BDC	2940.	004060	330	39	63.10	74.76	80.92	93.10	115.87	144.20	128.66			52
23 34W 17CCC	2974.	004060	349	46	70.07	78.99	84.25	95.70	102.01	128.97	126.11			53
23 34W 21DDC	2961.	004060	356	41	71.64	74.59	80.85	93.20		130.10	127.43			54
23 34W 26CCC	2952.	004060	344	54	73.30	77.79	81.09	92.65	102.08	122.57	120.55			55
23 34W 28CDA	2965.	004060	364	46	70.95	73.60	77.85	88.28		122.67	120.50			56
24 31W 11DBD	2882.	004060	241	114	115.29	119.03	119.54	122.72	125.94	126.18	125.40			57
24 31W 27CCB	2883.	004060	295	114	119.56	119.85	120.62	122.14	122.82		124.60			58
24 31W 31BCD	2794.	588	234	10	9.15	10.76	11.39	12.40		14.04				59
24 32W 3DAC	2881.	004060	299	70	80.94	83.93	85.23	87.90	91.49	94.34	96.50			60
24 32W 5BCB	2873.	004060	313	45	49.29	52.69	52.12	60.65						61
24 32W 25CBH2	2800.	588	230	9				6.45	12.08	14.49	14.52			62
24 32W 29AC	2850.	588	295	35	28.89		35.72	39.84	43.15	46.66	49.62			63
24 32W 35DD	2811.	004060	256	21	27.29			31.88	33.10	35.15	34.90			64
24 33W 9CCD	2865.	004	355	11										65
24 33W 9CCD2	2865.	588	355	11										66
24 33W 14CB	2854.	004060	344	18						27.80				67
24 33W 21CAB	2915.	004060	415	60			78.00	84.76	88.56	90.65	97.60			68
24 33W 22DCA	2915.	004060	405	71			85.68	105.26	89.59	90.84	98.55			69
24 33W 23BCA	2852.	588	347	16	10.57	11.64	12.59	21.19	23.58	27.94	19.80			70

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
FINNEY COUNTY CONTINUED														
24 33W 28DAA	2886.	004060	386	34			64.58	72.83	72.72	76.87	81.28			71
24 33W 34CAC	2910.	004060	435	60			87.10	93.65	100.12	101.44	104.10			72
24 34W 18CB	2894.	004060	316	12	24.74	25.80	28.40	35.22		48.07				73
24 34W 5AAB	2965.	004060	365	55	57.70	59.20	61.13	67.62		87.50				74
25 31W 88BA	2777.	588	202	6	6.00	6.94	7.42	8.23	8.64	9.80				75
25 31W 11CBC	2770.	588004	180	21	.	20.77	20.41	21.17	21.07	21.88	23.05			76
25 31W 19CHD	2850.	588	295	71	65.19	69.64	70.94	71.24	71.58	73.13				77
25 31W 21CAB	2788.	004	228	27	20.48	23.76	23.17	24.02	24.45	26.73	29.45			78
25 31W 35DBA	2801.	004	256	52	49.99	53.66	53.11	54.76	55.47	59.91	62.33			79
25 32W 22DBD	2865.	004060	373	65	62.00	66.94	68.19	70.75	72.31	75.90	77.90			80
25 32W 31DD	2880.	004060	505	64	61.86		75.09	78.30	80.78	83.51	86.11			81
25 32W 35ADB	2857.	004060	417	67	68.00	71.90	72.89	75.30	78.27	77.68	80.10			82
25 33W 5ABD	2920.	004060	510	52			77.93	77.70	84.48	87.84	91.03			83
25 33W 9ABD	2909.	004060	514	50			79.98	93.90	86.46	91.25	93.70			84
25 33W 15DAC	2915.	004060	535	71			100.33		106.84	109.64	113.87			85
25 33W 17DBD	2940.	004060	530	78			100.04	104.75	105.89	107.29	106.80			86
25 33W 21CAC	2935.	004060	535	80	79.00		88.80	93.85	95.30	98.31	100.60			87
25 33W 35DBD	2894.	004060	474	63			74.38	75.85	81.09	83.03	86.90			88
25 34W 6AAA	2972.	004060	397	52						77.79	82.76			89
25 34W 6AB	2975.	004	390	53	53.37	56.21	57.12	.		75.72	79.78			90
25 34W 10ABB	2962.	004060	412	62						74.82	68.15			91
25 34W 17BDB	2970.	004	475	61				88.82	92.39	98.68				92
25 34W 25ABC	2960.	004	520	82				104.05	106.35	109.14				93
25 34W 34DBD	2945.	004060	440	65	70.00	75.44	77.44	79.81	81.00	83.28	88.46			94
26 31W 1DD	2811.	004060	301	75	74.06	78.17	77.52	79.52	82.03	84.14	87.10			95
26 31W 68BC	2832.	004060	327	55	55.60	59.14	59.79	63.01	65.62	67.51	69.78			96
26 31W 31CDC	2841.	004060	496	83	86.19		100.12	103.82	104.41	107.72	112.82			97
26 31W 36CAC	2817.	004060	332	82	80.35	88.86	88.94	91.64	94.49	98.20	102.75			98
26 32W 22ABB	2899.	004060	564	113	115.64		120.48	123.60	133.79	140.62	130.40			99
26 32W 35CDA	2864.	004060	524	92	92.48	100.80	103.32	106.67	108.87	111.22	113.85			100
26 33W 30BB	2886.	004060	426	56	56.89		64.83	69.14	68.85	73.88	75.20			101
26 33W 12CAD	2886.	004060	471	69	71.10		76.92	80.18	82.33	84.47	88.26			102
26 33W 26ABB	2929.	004060	554	113	118.32	126.09	127.49	131.20	136.53	135.60	137.00			103
26 34W 30BD	3005.	004	455	115	132.64	136.76	137.64	138.85	140.35	141.23				104

TABLE 1.--HYDROLOGIC DATA, SOUTHWESTERN KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
FORD COUNTY														
25 26W 25COD	2623.	060	187	79							74.80			1
25 26W 30ABC	2679.	060	225	104							109.23			2
26 26W 32ADD	2585.	060	128	43							48.32			3
26 26W 36DCC	2543.	060	168	31							35.18			4
27 23W 36CCC	2428.	060	147	46							41.55			5
27 24W 26DAA	2512.	060	191	79							84.45			6
27 26W 21DAA	2695.	060	199	160							161.59			7
28 21W 10DDD	2349.	060	89	41							38.99			8
28 22W 12CAC	2405.	060	95	66							57.25			9
28 22W 32BAB	2485.	060	161	121							120.11			10
28 24W 9CBC	2572.	060	227	125							129.74			11
28 25W 19BBB	2635.	060	265	133							142.17			12
28 26W 6AAB	2685.	060	195	133							142.35			13
29 22W 17DAD	2475.	060	240	119							124.88			14
29 23W 16CAA	2598.	060	328	199							201.52			15
29 24W 1ABA	2560.	060	220	140										16
29 24W 18BAA	2610.	060	210	149							157.50			17
29 25W 3ADA	2630.	060	235	152							174.08			18
29 26W 1CUD	2583.	060	163	78							89.95			19
29 26W 36BBB	2532.	060	212	26							23.02			20

TABLE 1.--HYDROLOGIC DATA, SOUTHWESTERN KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
GRANT COUNTY														
27 35W 17ADD	3086.	004060	462	175	185.73	196.28	197.26	209.24	203.90	208.50	212.55			1
27 36W 18DCB	3065.	004060	395	104	116.50	131.45	134.00	146.00	148.10	158.96	163.95			2
27 36W 25CC	3133.	004060	438	216	253.65		258.28	259.15	266.45	272.12	276.03			3
27 37W 4ABB	3080.	004060	316	70	86.45	108.69	111.36	126.25	129.82	140.14	143.95			4
27 37W 11ABA	3093.	004060	368	107	131.49	141.90	146.53	165.18	163.81	169.53	180.86			5
27 37W 22BBB	3055.	004060072			88.93	115.83	119.56	153.79	140.93	146.90	146.70			6
27 37W 29CBB	3079.	004060	319	50	84.45	116.10			170.68	181.07	186.60			7
27 38W 12ADC	3076.	004060	280	34	65.50	106.74		136.65	148.86	164.87	169.46			8
27 38W 15BBB	3148.	072			132.92		164.88	165.77	166.93	176.39	173.26			9
27 38W 22CBB	3110.	004060	340	49	76.80	132.86	145.46	169.85	176.40	201.74	183.87			10
27 38W 23CB	3105.	004060	335	50	98.27	132.90	139.44	145.90	131.77	134.51	160.73			11
27 38W 25BBB	3096.	004060	326	46	95.35	127.78	135.71	165.95	177.04	186.64	190.68			12
27 38W 32BCC	3131.	004060	371	50	105.18	130.22	132.56	141.48	146.97	151.51	152.98			13
28 35W 5BCC	3117.	004060	457	237	253.20	266.15	272.15	273.20	277.85	284.20	291.29			14
28 35W 15CBB	3064.	004060	509	213	250.72	251.70	251.80	258.25	265.00	270.10	274.47			15
28 35W 36ABC	3032.	004060	572	222	236.41	257.11	259.49	265.80	270.70	277.50	282.88			16
28 36W 2CDD2	3111.	004060072			241.60	254.50	254.39		265.05	267.15	268.30			17
28 36W 21CDD	3066.	004060	430	158	193.85	212.71	217.70	228.85	233.35	241.30	247.67			18
28 37W 28BBB3	3087.	004060072					227.40	226.10		237.13	210.48			19
28 37W 10BCD2	3057.	004060	350	49	100.72	104.08	117.22	159.40	170.29	168.91	176.62			20
28 37W 30BBB	3097.	004060	427	65	103.73	116.36	122.60				182.13			21
28 38W 7BBB	3134.	004060	409	56	112.46		155.81	174.80	184.84	202.81	207.78			22
28 38W 8BC	3124.	004060	424	50	120.30	140.00	142.23	171.04	186.82	214.36	219.45			23
28 38W 12BCB	3087.	004060	360	37	74.40				145.04	145.41	157.92			24
28 38W 12DDD	3080.	004060	365	40		100.26	107.90	169.18	144.72	148.88	139.35			25
28 38W 17AAA	3112.	004060	422	41	118.12	132.86	140.00	159.70	169.65	191.68	196.91			26
28 38W 31DBB	3138.	004060	418	58	100.58	127.50	138.21	151.71	149.90	166.41	171.47			27
28 38W 33BD3	3128.	004060	438	62	95.53	118.13	122.52	130.19	138.34	146.81	155.12			28
29 35W 1CCC	3015.	004060	510	210				254.83	261.55	266.55	262.97			29
29 35W 6BAA	3054.	004060	444	189	211.91	210.42	213.42	218.25	216.70	220.20	214.49			30
29 35W 28ACC	2975.	004060	550	147	185.46	200.56	201.89	210.96	214.05	214.83	220.88			31
29 36W 4BAA2	3064.	004060	404	143	180.37	202.01	206.86	225.55	226.54	234.44				32
29 36W 4BD	3055.	004060	400	133	161.00	167.40		220.70	233.03	247.97	253.95			33
29 36W 19BCB	2995.	004060	405	44	118.00	120.40	133.20	152.64		171.70	175.48			34
29 37W 3CD	3051.	004060	421	71	133.00	137.92	149.60	164.88	184.10	201.44	203.43			35

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
GRANT COUNTY CONTINUED														
29 37W 8CBA	3065.	004060	430	46	114.52	126.35	136.89	149.62	175.93	189.47	196.54			36
29 37W 22AAB	3039.	004060	459	48	104.00	120.38	129.94	143.25	153.80	161.92	161.09			37
29 37W 29BBA	3094.	004060	504	74	148.00	170.59	179.98	202.48	216.29	223.03	239.11			38
29 38W 3BAA	3113.	004060	459	54	121.44	130.94	141.29	.	149.31		198.44			39
29 38W 8CCC	3154.	004060	480	74	109.00	130.85		.	140.23	159.22	172.46			40
29 38W 20CDC	3139.	004060072			80.87	100.70	113.02	124.97	117.82	122.76	125.93			41
29 38W 22CHB	3113.	004	493	54	74.00	94.30	106.02	126.67			131.94			42
29 38W 35CCD	3124.	004060	469	74	115.18	126.60	133.59	142.37	141.77	145.71	149.40			43
30 35W 2DBC	3020.	004060	525	225	240.53	255.65	256.20	277.58	265.10	277.30	282.49			44
30 35W 19BCD	3004.	004060	474	134	153.31	168.76	174.10	186.46	192.40	185.55	174.58			45
30 36W 18BB	2973.	004060	463	98	130.42	144.46	157.48	169.26	176.11	182.30	188.23			46
30 36W 4ABB	3033.	004060072				179.77		181.11		180.70	180.76			47
30 36W 6BBC	3075.	004060	465	121	192.00	207.44	214.40	235.51	244.80	248.50	257.18			48
30 36W 7AAB	3061.	004060	481	114	190.75	175.89	189.50	207.87	213.58	221.05	223.30			49
30 36W 16DAB	3027.	004060	432	109	140.78	157.68	163.26	190.46	174.82	184.25	190.09			50
30 36W 25BCB	2901.	588	341	15		36.69	38.17	42.72	44.11	47.10	44.67			51
30 36W 32BBC	3064.	004060	384	113	122.54	128.94	131.70	153.26	142.57	144.77	148.62			52
30 37W 28AA2	3102.	004060	507	122	221.72	230.11	238.00	256.14	263.91	274.11	281.91			53
30 37W 3DBA	3108.	004060072				210.55	216.65	230.42	249.69	263.20	262.00			54
30 37W 6DCC	3121.	004060	520	101	142.75	159.08	165.47	173.79	178.32	180.68	194.78			55
30 37W 10DCB	3096.	004060	426	111	173.94	190.00	192.80	197.01	201.95	211.41	212.42			56
30 37W 20CBC	3125.	004	385	114	164.64	173.77	174.65	189.93	192.48	188.74	191.43			57
30 38W 30CC	3147.	004060	452	91	124.74	137.23	140.25	156.00	151.89	155.45	159.95			58
30 38W 13CCC	3142.	004060072			146.73	163.14	169.66	186.90	175.20	181.39	184.08			59
30 38W 15DBC	3144.	004	360	89	118.75	132.70	142.71	146.90	144.71	149.45	153.69			60
30 38W 30ACA	3152.	004060	377	69	82.15	101.97	109.79	124.03	118.25	120.24	125.34			61

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GRAY COUNTY														
24 27W 8CCC	2697.	004060	138	66	59.17	63.47		64.88	68.81	71.38	77.81			1
24 27W 14ABA	2654.	004060	92	74	66.20	65.64	63.84	64.44	65.01	64.89	73.70			2
24 28W 10ADD	2743.	004060	200	92	.	.	99.07	93.73	90.41	96.90				3
24 28W 31DD	2754.	004060	264	91	87.90	100.74	101.98	106.81	111.18	120.10	129.50			4
24 28W 36ACA	2720.	060	135	85	83.37	88.96	88.69	90.06	89.34	92.55	94.09			5
24 29W 16DCA	2787.	004060	222	98	96.28	101.03		102.52	101.35	109.25	110.21			6
24 29W 18CCB	2814.	004060	220	106	109.82	112.32	114.02	123.32	113.60	117.68	118.92			7
24 30W 18CH	2809.	004060	170	89	.	87.15	90.96	94.79	97.92	89.18	95.13			8
24 30W 8DCD	2859.	004060	238	114	.	123.80	127.92	126.42	127.96	127.15	138.35			9
24 30W 15CCC	2846.	004060	248	114	.	121.50	126.10	123.62	124.21	142.60	146.85			10
25 27W 33ABH	2728.	004060	249	134	131.80	134.04	134.28	135.64	135.15	136.87	137.16			11
25 29W 7BCB	2830.	004060	281	131	129.05	132.45	133.20	135.28	137.68	137.50	137.68			12
25 29W 14AB	2776.	004060	326	107	107.10	116.04		120.28	120.88	127.66	126.80			13
25 30W 20BCB	2734.	004060	184	9	9.82	9.02		11.46	12.45	11.77	13.51			14
25 30W 22ACD	2722.	004060	177	14	14.70	17.15	17.56	21.51	18.36		20.68			15
26 27W 13BBC	2567.	004060	165	9	7.95	9.25	9.55	.		9.17	10.79			16
26 27W 18ADC	2596.	004060	202	6		6.81	5.26	7.41	8.11	9.50	10.30			17
26 27W 27CDD	2612.	004060	222	33		31.23	30.00	32.84	35.13	38.45	42.27			18
26 28W 10ACH2	2632.	004060	172	16	18.90	20.68	21.39	23.40	25.32	25.82	25.81			19
26 29W 7CB	2785.	004	260	89	82.09	87.04	88.05	90.46	92.94	94.32	93.93			20
26 29W 9DBA	2738.	004060	263	65	55.90	58.54		61.62		66.99				21
26 29W 35CCC	2742.	004060	242	72	71.65	72.00	67.23	74.58	81.11	78.39	82.35			22
26 30W 17AD	2799.	004060	319	76	72.00	75.74	78.81	80.36	82.79	82.39	88.20			23
26 30W 24DDD	2754.	004060	253	54		55.75	60.10	61.38	64.11	69.60	72.01			24
27 27W 7ADC	2686.	004060	186	82	74.00	79.05	78.49	80.49	83.11	84.50				25
27 27W 10CDB	2712.	004060	235	131	123.47	127.47	127.54	128.87	129.75	131.40	133.30			26
27 27W 25CCD	2732.	004060	228	167	163.85	165.99	165.95	167.33	169.28	171.00	172.15			27
27 28W 5AAA	2707.	004060	228	66		62.15	62.23	65.75	67.19	72.30	79.95			28
27 28W 30CCA	2738.	004060	218	78			72.00	79.26	86.21					29
27 29W 9DA	2749.	004060	280	69	60.30	66.53	66.35	68.84	72.30	75.04	85.15			30
27 30W 8BBB	2790.	004060	265	68	66.60	75.47	75.40	78.24	82.35	85.30	93.67			31
27 30W 23BB	2772.	004060	247	68	63.90	73.06	73.44	75.35	78.92	82.42	87.10			32
27 30W 25CCB	2808.	004060	369	110	103.05	112.42	112.76	114.50	117.03	121.14	124.63			33
27 30W 34CCC	2807.	004060	404	102	101.00	111.95	112.12	114.27	116.34	120.95	124.80			34
28 27W 3BBB	2755.	004060	260	166			178.38	164.26	169.44	170.09	173.50			35

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
GRAY COUNTY CONTINUED														
28 28W 20ADD2	2795.	004060	220	145	146.25	148.00	144.90	148.35	151.81	152.17	159.98			36
28 29W 16ACC	2799.	004060	299	121	125.00			139.53	141.01	146.99	149.60			37
28 30W 688A	2840.	004060	485	125	123.50	137.90	138.70	140.86	143.88	149.42	162.63			38
28 30W 10DDD	2814.	004060	469	115	120.90	133.98	134.52	137.76	144.00	146.29	152.40			39
28 30W 17BHA	2817.	060	497	110	110.42	128.08	126.50	131.98	141.38	139.15	150.00			40
28 30W 24BAB	2804.	004060	429	114	119.57	132.20	137.80	137.05	138.86	145.62	159.52			41
29 27W 30BCC	2655.	004060	280	87	103.02		94.40	106.94	108.17	113.42	116.27			42
29 27W 36AHA	2573.	004060	348	45	54.00	65.20	64.71	64.90	65.79	73.24	77.47			43
29 28W 18CCC	2715.	004060	190	80		89.30	89.45	92.65	97.58	100.89	103.09			44
29 28W 19DDD	2712.	004060	292	92	95.66	101.86	101.06	104.65	108.31	108.59	110.75			45
29 28W 28CDC	2688.	060	278	88	91.20	97.72	98.00	99.63	100.59	102.44				46
29 29W 10BBB	2744.	060	249	85	87.80	97.79	97.20	99.44	99.92	109.05	107.36			47
29 29W 27BCB	2739.	004060	494	98	101.08	107.86	107.95	109.92	112.08	117.26	118.26			48
29 30W 58BB	2821.	004060	466	130	137.50	143.41	147.40	146.73	151.78	156.09	160.80			49
29 30W 12CCC	2768.	004060	478	98		108.68	109.03	111.60	115.12	119.13	122.56			50
29 30W 22BBC	2816.	004060	446	144	144.64	154.10	154.70	156.80	159.06	165.64	170.26			51
29 30W 35ACD	2805.	004060	445	146	147.85		159.60	161.17	163.63	169.72				52

TABLE 1.--HYDROLOGIC DATA, SOUTHWESTERN KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
HAMILTON COUNTY														
21 39W 7CBA	3497.	060	215	196	194.04	192.98	191.48	191.17	191.00		190.27			1
22 39W 3BBB	3453.	060	199		191.25	188.53	192.24	183.49	184.50	184.15	183.95			2
22 39W 8DDD	3468.	060	214		178.50	.	178.19	177.70	177.82	178.49	177.14			3
23 39W 15ADD	3325.	004060	144		130.14	130.06	130.27	130.08	130.22	130.26	129.95			4
23 40W 29DDH	3397.	110			240.35	264.42	263.20	267.24	279.05	272.12	280.74			5
23 42W 19CBB	3339.	588004	67	20	24.10	24.85	24.56	25.43	25.79	26.58	27.26			6
23 42W 26DCA	3309.	588	70	29	23.78	26.45	26.42	28.18	28.15	28.21	29.38			7
23 42W 27DDH	3311.	588	70	23	20.00	.	20.35	23.19	21.38	22.09	24.40			8
23 42W 34CBB	3307.	588	58	13	9.67	12.09	11.81	12.63	12.78	13.79	13.20			9
23 43W 21ABA	3364.	588	29	15	15.08	15.68	15.12	16.96	17.07	17.75	17.79			10
23 43W 23BCB	3356.	588	68	21	20.57	21.09	20.84	21.73	22.06	22.59	23.20			11
23 43W 25CBD2	3335.	588	47	8	8.83	9.75	9.32	9.91	10.25	9.50	10.36			12
23 43W 26BCC	3343.	588	22	7	7.10	7.57	7.47	8.02	8.26	10.18	8.46			13
24 39W 19CBC	3175.	588	65	6	6.75	8.70	8.85	10.65	9.88	10.15	10.85			14
24 39W 22CCB	3152.	588	42	8	11.81	12.28	12.27	14.27	13.28	15.00	14.76			15
24 39W 30BBD	3177.	588	77	9	9.15	10.01	9.60	11.50	10.83	11.12	11.95			16
24 39W 30CAD	3173.	588	68	6	6.80	9.82	9.96	10.61	10.63	10.40	10.74			17
24 39W 35BAC	3143.	588	43	9	5.42	7.70	7.71	8.60	9.14	10.01	9.98			18
24 39W 35CBA	3146.	004	86	11	11.40	14.69	14.84	15.55	15.87	16.75	16.71			19
24 40W 7CHB	3233.	588	58	14	13.91	15.49	15.44	16.48	16.38	15.49	16.63			20
24 40W 17BBB	3221.	588	71	13			14.96			16.58	16.78			21
24 40W 23AAB	3204.	588	104	26	24.41	26.30	26.52	28.32	28.10	26.30	28.16			22
24 40W 31BBB	3287.	004			63.62	64.74	64.69	.	64.52	63.94	63.96			23
24 41W 10AD	3254.	588004	45		14.77	24.34	26.01	26.93	26.88	27.33	21.12			24
24 42W 4AAD	3304.	588	44	7	6.55	8.73	8.85	9.32	9.49	9.68	10.01			25
24 42W 28DDD	3455.	072			160.00	160.63	160.58	160.42	160.69		161.67			26
24 43W 14CBB	3452.	072		114	110.86	111.50	111.97	112.20	112.70		113.72			27
25 39W 2CAD	3156.	004060	46	24	27.91	29.40	29.66	30.08	30.52	31.28	31.44			28
25 39W 23BUD	3286.	004060	133		78.72	92.37	91.87	92.03	91.33		91.13			29
25 39W 34DCA	3331.	072			121.96	120.52	122.68	121.13	120.91	121.21				30
25 40W 1CA	3218.	004	58	46	45.86	50.81	50.58	50.80	51.31		51.82			31
25 40W 26BBB	3412.	072		213	215.00	217.96	219.90	218.30	219.03	220.00	219.81			32
25 42W 20ADA	3509.	072			134.00	147.30	149.07	152.70	156.00	163.99				33
25 43W 3ABH	3575.	072			190.56	216.00	219.37	238.53	238.70		254.41			34
25 43W 21AAB	3522.	072			129.48	136.74	144.41	141.05	141.11					35

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
HAMILTON COUNTY CONTINUED														
25 43W 25CCD	3490.	004060	225	101	121.42	133.89	150.99	137.82	138.98	142.38	143.98			36
26 39W 18AA	3259.	004060			82.90	81.10	81.56	81.74	81.65		80.19			37
26 40W 18BA	3451.	072			111.58	110.84		110.59	110.58		110.66			38
26 41W 12DCC	3379.	072			186.56	194.93	195.53	199.62	204.73	207.88	214.40			39
26 41W 20BBD	3317.	004060	242	17	20.74	26.20	25.21	32.60	39.79	35.65	29.82			40
26 41W 36CCC	3270.	004060	231	35	29.00	33.56	33.81	36.52	40.13	45.05	42.87			41
26 42W 10BB2	3405.	004060	245	52	77.23	85.44		94.72	99.92	106.40	103.16			42
26 42W 17CB	3458.	004060072			108.17	119.84	124.31	127.87	135.42	140.44	146.24			43
26 42W 22CDB	3412.	004060	212	77	93.15	107.00	113.14	122.33	128.06	134.16	142.99			44
26 43W 25DCC	3508.	004060072				161.28	163.76	169.87	178.07	185.56	190.64			45

TABLE 1.--HYDROLOGIC DATA, SOUTHWESTERN KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
HASKELL COUNTY														
27 31W 7BDA	2845.	004060	518	92	89.00	97.84	102.10	101.73	105.31	109.60	110.88			1
27 31W 218BC	2836.	004060	497	99	103.68	113.24	114.02	116.88	119.14	121.72	123.71			2
27 31W 24CDC	2816.	004060	366	94	97.82	109.90	110.49	112.55	115.68	121.51	123.98			3
27 31W 31BCC	2895.	004060	520	151	154.83	165.80	166.90	169.68	172.78	176.61	185.04			4
27 32W 6CBB	2905.	004060	465	107		118.28	119.85	122.74	125.16	127.88	130.67			5
27 32W 13ABB	2841.	004060	471	85		95.79	96.76	100.41	103.11		107.51			6
27 32W 19CCD	2906.	004060	456	118	130.00	138.31	139.20	142.80	145.80	150.25	153.82			7
27 33W 29DAA	2995.	004060	540	194	186.30	202.87	204.40	218.54	213.65	223.77	229.76			8
27 33W 33DCD	2985.	004060	595	197	204.34	216.60	218.65	226.74	230.34	236.01	246.00			9
27 34W 16DDO3	2995.	004060	465	136	140.00	145.39	146.52	148.58	151.11	154.69				10
27 34W 28DAA	3041.	004060	496	186	187.00	194.43	194.84	207.01	211.62	213.85	209.08			11
28 31W 2CCB	2884.	004060	594	161	167.90	182.16	183.32	186.48	189.38					12
28 31W 32ABB	2905.	004060	515	187	191.43	202.25	203.54	205.71	209.02	216.48	217.80			13
28 31W 35CCB	2863.	004060	443	156	171.95	173.48	174.21	176.02	180.39	185.83	193.34			14
28 32W 9CCC	2963.	004060	565	210	216.00	227.22	227.57	232.11	237.78	244.04				15
28 32W 18BBB	2951.	004060	581	192	203.30	217.84	218.70	231.77	236.01	250.25	259.89			16
28 32W 24BCC	2910.	004060	549	175	181.59	192.22	194.47	197.40	199.84	205.68	207.56			17
28 32W 35BBA	2912.	004060	562	182	186.74	197.65	199.20	201.98	205.95	214.01	215.08			18
28 33W 21BCC	2974.	004060	579	219	228.83	255.09	258.12	270.88	276.74	283.83				19
28 33W 24DBC	2944.	004060	594	195				257.29		270.20	274.67			20
28 33W 27AAB	2953.	004060	583	209	221.00			263.89		281.00				21
28 34W 13BBB	3022.	004060	547	247	260.84	285.33	288.35	296.34	302.50	309.00	316.43			22
28 34W 15DAB	3020.	004060	570	243	263.00		285.81	288.90		290.81	312.19			23
28 34W 32ADD	3013.	004060	553	219	239.44	260.58	263.53	273.95	277.49	284.48	292.44			24
29 31W 9CB	2871.	004060	466	166	169.47	176.97	178.10	180.69	184.18	189.21	195.93			25
29 31W 14BBB	2857.	004060	432	163	167.00	178.87	179.08	181.87	186.04	190.94	195.10			26
29 31W 34BCA	2858.	004060	468	168	172.79	184.78	185.73	188.10	190.44	195.75	198.02			27
29 32W 4BCC	2916.	004060	571	184	198.00	214.20	215.99	220.67	222.16	223.94	225.63			28
29 32W 16DAA	2915.	004060	545	199	213.00	218.33	218.66	221.25	224.61	228.14	248.03			29
29 32W 19CC	2923.	004060	598	208	218.22	234.89	239.71	240.41	244.73	251.56	257.22			30
29 32W 26CB2	2895.	004060	523	191	204.10	219.60	220.40	223.83	228.11	232.72	236.26			31
29 33W 1AAB	2946.	004060	601	213	226.32	253.65	257.49	266.46	271.23	276.01	293.12			32
29 33W 5ACA	2963.	004060	588	210	222.90	245.89	249.25	258.09	264.66	272.68	282.35			33
29 33W 11BBC	2953.	004060	608	222		258.02	261.12	269.38	275.35	280.41	299.10			34
29 33W 28BCB	2963.	004060	558	212		239.48	242.34	254.75	260.55	268.15	270.54			35

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
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HASKELL COUNTY CONTINUED

29 34W 2ABB	2971.	004060	541	191	209.56	228.48	232.50	242.00	249.35	256.97	262.97			36
29 34W 9CBB	3001.	004060	549	208	228.39	247.50	248.81	258.70	264.27	271.60	277.75			37
29 34W 11ADD	2961.	004060	506	183	209.72		231.81		256.80	265.23	268.54			38
29 34W 24BCC	2963.	004060	548	193	198.50	217.35	219.39	235.64	241.51	245.56	263.98			39
29 34W 28CCD	2993.	004060	538	212	222.56	242.35	243.01	251.24	250.73	258.71				40
29 34W 36CBC	2976.	004060	556	213				252.91	259.58	267.44	272.13			41
30 31W 68BB	2879.	004060	527	186	196.47	203.36	204.46	206.92	210.35	214.42	222.16			42
30 31W 15ABB	2852.	004060	552	175			198.12	198.81	207.12	213.39	217.80			43
30 31W 24BBB	2833.	004060	543	165	167.22	182.55	183.84	187.50		183.51	190.92			44
30 31W 33BBB	2835.	004060	495	162		183.62	184.84	189.78	192.91	200.26	203.77			45
30 32W 11BBB	2885.	004060	560	188	202.41	214.08	214.55	218.52	223.54	227.65	237.48			46
30 32W 17BCC	2910.	004060	558	200	211.69	226.93	227.75	236.70	238.41	244.20	251.39			47
30 32W 22BBB	2876.	004060	512	176	192.38	202.52	202.96	207.20	210.58	214.56	217.10			48
30 32W 31BAB	2906.	004060	466	194	202.02	213.73	214.40	218.31	222.23	227.92	232.96			49
30 33W 2AAB	2946.	004060	606	225	234.77	252.70	256.49	267.50	272.70		287.89			50
30 33W 60BD	2986.	004060	596	233	241.42	255.68	260.03	263.05	266.31	274.01	275.96			51
30 33W 30CBD	2963.	004060	513	215	219.78	228.46	229.11	232.06	235.14	238.85	239.70			52
30 34W 58BB	3006.	004060	531	223	232.79	248.60	250.80	257.70	260.29	265.30	270.15			53
30 34W 16BBB	2983.	004060	508	207	210.58	221.04	223.88	228.40		235.82	239.34			54
30 34W 30ADD	2836.	004060	316	57	60.11	71.41	73.78	75.37	78.12	80.33				55

TABLE 1.--HYDROLOGIC DATA, SOUTHWESTERN KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	N
			TO BEDROCK (FEET)	TO WATER 1940 (FEET)	TO WATER 1966 (FEET)	TO WATER 1973 (FEET)	TO WATER 1974 (FEET)	TO WATER 1975 (FEET)	TO WATER 1976 (FEET)	TO WATER 1977 (FEET)	TO WATER 1978 (FEET)	TO WATER 1979 (FEET)	TO WATER 1980 (FEET)	
HODGEMAN COUNTY														
21 21W 21BCC	2134.	588	72	32							44.45			1
21 22W 3BBA	2170.	588	80	30							40.55			2
21 25W 14BCB	2309.	588	79								32.02			3
21 26W 35AAC	2378.	588	78								40.08			4
22 21W 2BBC	2122.	588	105	32							41.34			5
22 21W 6DCC	2138.	588	88	34							32.26			6
22 22W 4AAA	2201.	588	111	32							24.23			7
22 22W 23DDD	2159.	588	84	27							28.54			8
22 22W 27DCC	2167.	588	58	27							30.77			9
23 23W 1BAA	2205.	588	75	23							38.38			10
23 24W 11ABH	2281.	588	56								24.91			11
23 26W 7CCC	2612.	102									320.21			12
23 26W 31CDD	2621.	060	122	71							68.10			13
24 21W 20CBB	2348.	102									79.19			14
24 23W 3CCC	2422.	060	90								57.07			15
24 24W 2CCC	2478.	060	90								51.47			16
24 24W 20CCC	2511.	060	86								64.96			17

TABLE 1.--HYDROLOGIC DATA, SOUTHWESTERN KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
KEARNY COUNTY														
22 35W 23CDD	3025.	060	175	95	107.60	117.55	120.08	120.92	122.67	122.95				1
23 35W 5ACC	3096.	060	180	118	122.75	126.32	127.72	137.84	136.91	142.72	144.82			2
23 35W 12CCC	3009.	004060	369	67	79.15	89.81	93.14	103.05	112.84	128.78	133.95			3
23 35W 2588B2	3005.	004060	385	46	59.14	62.23	61.52	76.00	86.07	98.99	103.63			4
23 35W 29DAC2	3023.	004060	335	33	42.45	37.49	39.82	45.62	51.49	57.87	62.74			5
23 36W 4CBB	3183.	060	198	142	132.90	136.00	136.13	144.88	140.37	141.05	141.20			6
23 36W 328BB	3234.	060	305	189	218.09	224.06	219.83	230.07	233.29	236.28	236.50			7
23 37W 9ADD	3288.	060	233	201	201.79		205.11	208.27	208.22	210.33	215.15			8
23 37W 19CCC	3325.	060	294	223	232.92	247.82	244.17	253.96	248.65	254.22	255.60			9
23 37W 28CCB	3303.	060	300	218	236.98	249.02	244.33	257.10	255.01	255.77	259.50			10
23 37W 36BAB	3263.	060	310	205	229.75	239.13	243.11	242.47	246.29	252.37	255.90			11
24 35W 9CCC	2998.	004060	358	30	31.05	33.49	33.32	38.23	40.31	43.55	47.99			12
24 35W 13CCC2	2941.	588	346	12	8.28	11.47	12.05	14.25	16.32	18.74	19.40			13
24 35W 20CCC2	2973.	588	328	15	9.69	13.33	14.04	15.80	18.33	20.45	22.30			14
24 35W 22CCC	2962.	588	337	22	7.19	12.05	11.80	14.75	16.62	19.24	21.65			15
24 36W 15BCB	3074.	004060	190	66	75.13	85.40	83.53	90.82	94.67	97.82	102.80			16
24 36W 23CBB2	3014.	004060	310	26	24.88	25.70	26.22	30.32	32.31	34.56	39.03			17
25 35W 2BAA	2990.	004060	400	52					75.20	78.60	81.84			18
25 35W 17AAA	2995.	004060	405	37					59.72	65.29	69.70			19
25 35W 26BAB	3005.	004060	450	70					77.82	84.91	85.67			20
25 35W 28DBB	2997.	004	397	49	52.74	56.25	57.41	60.93	64.56	64.03	75.72			21
25 36W 11CBC	3005.	588	355	15	13.34	16.02	16.75	18.49	20.59	23.16	24.98			22
25 36W 18ACC	3033.	060	233	19	15.52	18.79	20.53	23.34	24.62	26.28	28.95			23
25 36W 288BD	3050.	004060	362	51			63.86	62.16	62.20	71.60	66.10			24
25 36W 35ACC	3026.	004	366	51	56.91	63.65	65.76	69.29	70.28	73.69	76.25			25
25 37W 15ABA2	3050.	588	30	5		10.12	10.23	12.04	11.28	12.46	12.02			26
25 37W 15DDD	3051.	588	66	12	12.97	14.58	14.58	16.27	15.72	16.05	16.80			27
25 37W 25BAD2	3056.	004060072			38.12	47.79	48.98	50.73	52.38	53.55	56.58			28
25 38W 8CAA	3140.	004060072			37.57	40.05	40.49	40.95	41.37	44.75	42.35			29
25 38W 20ACC	3175.	004060072			63.28	66.10	66.48			68.17	69.20			30
25 38W 26ACC	3145.	004060	145	63	65.42	67.55	68.35	69.25	69.82	70.47	71.22			31
26 35W 6ADA	3008.	004	418	58	60.72	64.67	66.52	70.06	72.67	80.36	79.60			32
26 35W 10DBC	3004.	004	464	81	83.00	87.12		88.54	90.49	92.92	96.50			33
26 36W 1DBB	3010.	004	400	48				63.35	65.44	70.53	71.62			34
26 36W 4BDA	3034.	004	354	52	55.86	62.32	63.81	65.60	67.18	69.73	71.72			35

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
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KEARNY COUNTY CONTIHNUED

26 36W 14ACD	3013.	004	363	55	50.20	55.61	56.79	57.99	49.97	62.89	65.78			36
26 37W 6ACB	3092.	004060	102		26.14	27.35	27.77	28.35	28.10	27.69	29.25			37
26 37W 210DD	3056.	004060	319	41	57.87	65.80	67.79	71.34	72.05	77.08	78.67			38
26 37W 25CDB	3082.	004	372	92	105.00			122.40	124.17	129.62	133.98			39
26 38W 8AAD	3245.	004072			136.98	134.00	134.09	135.43	134.50	135.04				40

TABLE 1.--HYDROLOGIC DATA, SOUTHWESTERN KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH	N
				TO WATER 1940 (FEET)	TO WATER 1966 (FEET)	TO WATER 1973 (FEET)	TO WATER 1974 (FEET)	TO WATER 1975 (FEET)	TO WATER 1976 (FEET)	TO WATER 1977 (FEET)	TO WATER 1978 (FEET)	TO WATER 1979 (FEET)	TO WATER 1980 (FEET)	
MEADE COUNTY														
30 26W 4CBB	2525.	004060	435	11	20.70	20.85	20.86	23.64	28.73	38.33	39.26			1
30 26W 7BBB	2541.	004060	401	22	29.92	35.68	31.95	34.87	42.67	50.84	48.99			2
30 26W 17BBC	2520.	004060	400	11	22.03	23.22	20.72	22.69	29.04	34.20	36.70			3
30 26W 31CBC	2485.	004060	350	14	14.00	16.09	14.68	16.85	25.53	29.90	32.30			4
30 27W 4DBD	2576.	004060	346	31	34.76	44.00	44.20	47.25	54.17	68.70	65.89			5
30 27W 22CDD	2518.	004	328	14	12.32	8.03	4.95	8.22	8.99	8.80	8.91			6
30 27W 23ABB	2531.	004060	321	12	16.50	22.60		24.29	30.05	38.60	34.23			7
30 27W 32DDD	2475.	004	315	26	11.86	7.89		7.02	9.87		9.10			8
30 28W 2BAA	2660.	004060	430	83	97.20	95.27	95.77	103.03	101.92	105.67	107.85			9
30 28W 17ABB	2697.	004060	517	102	109.60	111.04	112.12	112.67	115.59	117.49	123.32			10
30 29W 30CC	2728.	004060	464	102	107.44	110.05	111.70	113.24	116.08	117.99	122.28			11
30 29W 23CAD	2744.	004060	544	134	141.35	146.91	148.60	148.72	151.99	154.67	158.34			12
30 29W 28BBB	2758.	004060	553	137	137.89	145.93	145.95	146.62	150.86	154.82	158.85			13
30 29W 32BBB	2756.	004060	536	133	130.78	136.94	137.41	139.75	144.83	148.90	153.06			14
30 30W 12CBB	2813.	004060	493	163	165.55	175.45	176.42	178.65	182.85	188.50	190.14			15
30 30W 28ABB	2803.	004060	508	150	145.95	157.95	158.23	159.69	162.84	177.90	182.64			16
31 26W 30BBB2	2516.	004060	213	97				88.72	90.18	92.47	95.26			17
31 27W 20AAA2	2466.	004060	326	15				32.86	28.09	35.66	31.27			18
31 28W 10BCB	2643.	004060	463	114	112.20	120.36	116.12	123.60	128.79	128.78	136.60			19
31 29W 25AAA2	2698.	004060	438	145	156.52		154.33	156.16	162.72	167.68	171.54			20
31 29W 30AAA	2741.	004060	461	136	130.22	137.09	136.49	137.37	138.75	143.26	148.20			21
31 30W 16BBC	2770.	004060	505	136	133.90	142.79	146.40	148.56	153.76	168.47	169.78			22
32 28W 4ADD	2546.	004060	366	63	66.15	67.37	66.15	65.06	66.72	68.30	68.72			23
32 28W 14CBC	2430.	004060	300	6	6.43	6.32	5.30	6.25	6.42	7.90	8.04			24
32 29W 5CC	2719.	004060	464	139	137.35	145.84	145.48	148.92	149.39	152.14	160.81			25
32 29W 27AAB2	2688.	004060	555	143				140.92	141.27	142.05	143.54			26
32 30W 9CCC	2764.	004060	504	155	156.75	175.52	180.48	178.29	178.48	174.99	183.56			27
32 30W 28BBC	2759.	004060	459	167	170.28	179.86	180.72	181.85	188.52	191.75	199.41			28
32 30W 35CA02	2728.	004060	488	158	175.50	171.26	171.68	172.47	175.23		190.60			29
33 28W 29BC	2371.	060	176	14	14.30	14.52	14.99	15.61	17.00	16.90	16.55			30
33 29W 36AAB	2463.	004060	283	81	81.35	82.61	81.37	82.88	84.88	85.60	85.07			31
33 30W 35CB	2684.	004060	544	161	157.84	160.00		159.94		161.04	162.64			32
34 30W 22CBC	2675.	004060	675	191				191.48	194.26	192.53	193.24			33
34 30W 27BBB2	2660.	004060	671	187				187.36	187.50	187.08	188.59			34
35 30W 10CDA	2393.	588004060	318	23	23.16		22.47	22.75	22.83	26.90	22.72			35

TABLE 1.--HYDROLOGIC DATA, SOUTHWESTERN KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
MORTON COUNTY														
31 39W 18CCC	3246.	004060	226	116	135.60	153.74	156.10	161.55	174.85	182.73	176.28			1
31 39W 33BCC	3253.	004060072	215		160.00	176.74	178.35	188.57	201.72	201.97	202.45			2
31 40W 1DA	3236.	004060	276	111	133.10	143.40		152.51	156.14	161.75	166.80			3
31 40W 29ABB	3331.	004060	233	141	166.15	170.97	175.37	177.27	187.15	180.16	178.95			4
31 41W 7CDD	3441.	072			135.00	134.95	135.03	135.97	135.74	135.51	135.90			5
31 41W 31CBB	3441.	072			73.00	83.80	84.69	89.59	92.79	97.29	90.66			6
31 42W 29AAB	3510.	004060072		74	93.10	103.49	105.00	107.85	108.31	109.30	107.10			7
31 43W 3CB	3609.	004060072		61	65.70	64.28		64.26	66.35	65.89	65.10			8
31 43W 14DDC	3576.	110			67.78	67.06	68.29	68.29	69.03	67.35	67.70			9
31 43W 20CBB	3653.	004060		53	56.40	72.96		79.56		79.32	100.92			10
32 39W 9DD	3248.	004060	268	118	146.90	156.89	161.23	168.92	184.48	177.55				11
32 40W 21ADB	3342.	004060	237	132	156.00	174.64	176.84	182.62		187.51	189.92			12
32 41W 15CDC	3360.	004060072			18.00	18.10	18.81	21.60	22.60	20.72	18.75			13
32 42W 14CCC	3500.	004060072			90.60	96.54	98.16	103.19		111.59	113.95			14
32 42W 21BCC	3526.	004060072			113.64	131.60	132.55	143.88	144.47	144.45	146.30			15
32 42W 26CDD	3485.	004060072			102.00	114.26	126.26	129.62	139.60	138.41	142.80			16
32 43W 17DCC	3626.	060	146	60	60.00		62.43	65.98	71.27	72.11	73.75			17
33 39W 16ABB	3234.	004060	344	82	70.00	69.27	69.26	68.67	72.27	73.57	73.58			18
33 40W 27CCC	3308.	004060	323	98	80.00	81.50	80.69	80.82	81.38	80.57	81.55			19
33 41W 3AAD	3425.	004060072			117.26	131.40	126.34	140.19	141.59	151.53	149.93			20
33 41W 21CCC	3357.	588	127	27	41.10	42.10		42.90	43.38	44.74	43.30			21
33 41W 33DDD	3377.	004	157	68	69.40	68.16	67.95	63.52	65.24	63.52	62.20			22
33 42W 1AA	3438.	004	168	48	34.50	38.24		35.30	39.43	39.77	38.75			23
33 42W 21BCB	3527.	004060	167	87	85.00	88.15	88.42	89.23	89.42	88.17	88.25			24
33 43W 8BDA	3643.	004060072			95.00		95.51	96.95	97.60	98.18	99.55			25
34 42W 5BDC	3449.	004072			38.40	37.97	38.11	38.65	38.97	39.27	38.48			26
34 42W 22CDB	3492.	004060	112	92			80.81	81.00	82.51	80.88	82.48			27
34 43W 7BDD	3655.	072			147.20			149.00		149.22	149.00			28
35 40W 38BB	3367.	004060	407	179	183.12	174.65	173.52	174.10	174.22	174.89	174.35			29
35 43W 13BDB	3615.	004060	305	151		167.63	169.50	171.65	172.79	174.26	176.20			30

TABLE 1.--HYDROLOGIC DATA, SOUTHWESTERN KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	DEPTH TO	N
			BEDROCK (FEET)	WATER 1940 (FEET)	WATER 1966 (FEET)	WATER 1973 (FEET)	WATER 1974 (FEET)	WATER 1975 (FEET)	WATER 1976 (FEET)	WATER 1977 (FEET)	WATER 1978 (FEET)	WATER 1979 (FEET)	WATER 1980 (FEET)	
SEWARD COUNTY														
31 31W 8BCC	2829.	004060	519	164	169.48	181.85	182.43	185.20	188.70	192.50	196.56			1
31 31W 13BCB	2800.	004060	525	154	154.18	166.64	168.39	174.53	175.11	180.90	184.31			2
31 32W 3DAD	2845.	004060	496	158	174.18	171.83	181.05	186.43	188.98	191.80	198.54			3
31 32W 21CHA	2863.	004060	473	178	187.70	191.30	192.15	205.65	200.02	214.65	212.80			4
31 32W 34CBH	2846.	004060	496	177	176.00	187.27	188.62	195.88	199.91					5
31 33W 6CBD	2948.	004060	498	210	211.25	218.06	218.34	222.10		225.90	230.29			6
31 33W 20DBB	2897.	004060	537	179	179.11	186.54	187.44	189.84	192.08	194.30	196.79			7
31 34W 18BBB	2951.	004060	421	186	186.37	194.91	196.02	198.55	199.55	202.65	204.60			8
32 31W 8BBB	2815.	004060	455	175	165.55	184.97	176.94	179.46	182.36	188.75	190.20			9
32 31W 26CAA	2783.	004060	453	180	182.90	188.24	187.08	189.49	194.37	205.83	199.38			10
32 31W 31ACC	2778.	004060	438	173	177.54	185.46	186.50		188.86		194.08			11
32 32W 14BBB	2830.	004060	435	180	192.82	197.30	197.59	207.82	206.77	211.15	215.19			12
32 32W 19BAB	2854.	004060	475	189	194.76	201.47	201.15	207.26	206.35	209.03	210.52			13
32 33W 12BCC	2865.	004060	435	183	184.74	195.41	195.12	208.70	213.69	203.89	205.12			14
32 33W 21CDB	2697.	588	350	16	17.00		19.18	19.63	19.99	19.90				15
32 34W 10DA	2925.	004060	470	205	203.55	206.25	206.67	209.82	206.96	199.44	210.79			16
32 34W 17DCC	2953.	004060	493	213	222.83	231.59	236.99		237.82	236.93	239.02			17
32 34W 32BBB	2921.	004060	491	159	154.30	159.99	159.20	161.40	165.63	166.70	167.85			18
33 32W 25BBB	2574.	004060	394	24	27.00									19
33 32W 28CDD	2630.	004060	399	60					56.84	57.07	59.49			20
33 32W 28CDD2	2630.	004060	399	60				51.51	54.25	54.29	55.70			21
33 33W 12AAD	2626.	004060	316	5	5.70	8.68	7.15	7.14	7.20	7.37	8.35			22
34 31W 30BBB	2731.	004060	671	208					208.84	208.89	208.69			23
34 31W 30BBB2	2731.	004060	671	208				205.97	206.45	206.44	206.94			24
34 32W 35ADA	2734.	004060								188.86	191.37			25
34 33W 7CCB	2901.	004060	575	140	126.77		127.19	126.72	129.38	128.07	128.98			26
34 34W 16DAA	2943.	004060	673	114	94.59	101.05	102.92	112.35	114.27	121.55	118.16			27
34 34W 17DDD	2945.	004060	425	105				96.39	106.41	110.50	112.32			28
35 31W 18BBA	2707.	004060	497	187	181.98	171.40	170.92	175.42	180.68	171.75	172.25			29
35 33W 16BCA	2838.	004060	658	126	103.75	107.72	108.41	113.87	117.71	112.36	115.30			30
35 34W 10BBB	2912.	004060	647	90	80.38	73.10	70.35	71.80	76.57		68.48			31

TABLE 1.--HYDROLOGIC DATA, SOUTHWESTERN KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N,
STANTON COUNTY														
27 39W 28BB	3217.	004060	97	88	88.15	86.42	86.30	88.90	86.02	89.10	88.24			1
27 39W 23ACC2	3144.	004060	370	45	79.20	110.93	116.59	131.80	143.72	163.73	162.74			2
27 39W 278BA	3175.	004060	395	68	102.28	121.67	128.95	146.72	150.90	159.90	166.09			3
27 39W 34DDD	3153.	004060	404	54	114.20	145.88	159.60		198.54	218.45	226.03			4
27 40W 21DAA	3235.	004060	230	52	48.60	56.42	57.98	61.40	62.70	67.06	72.06			5
27 40W 25CBC	3228.	004060	328	73	85.85	92.82	94.73	105.50	113.15	116.95	121.36			6
27 41W 31CCB2	3402.	004060	308	156	167.60	196.14	193.81	205.71	222.39	218.44	224.38			7
27 41W 35CCC	3340.	004060072			135.05	139.62	143.43	154.00	155.10	163.33	158.91			8
27 42W 11DBD	3409.	004060	250	120	116.00	126.25		132.43	143.88	151.77	154.06			9
27 42W 31CCC	3537.	004060072			193.20	202.94	204.04	213.76	218.44	224.62	228.60			10
28 39W 58BB2	3187.	004060	347	56	56.50	83.00	84.55	89.50	93.89	101.74	105.93			11
28 39W 14BHC	3158.	004060072			97.10	109.37	111.87	115.76	118.88	122.72				12
28 39W 31BCC	3232.	004060	437	91	122.60	145.01	146.20	158.90		163.10	165.16			13
28 39W 33ACC	3201.	004060	428	82	120.15	140.94	142.98	155.96	164.44	169.02	174.53			14
28 39W 36ABB	3145.	004060	412	57	100.30	126.77	130.74	145.73	153.23	156.27	163.55			15
28 40W 4CCC	3289.	004060	354	110	115.65	135.42	138.54	155.95	154.78	163.14	161.60			16
28 40W 12DDC2	3225.	004060	385	83	107.46	134.30	137.67	150.80	164.69	174.09	180.41			17
28 40W 23ACC	3254.	004060	404	103	120.20	141.80		150.27	163.38	165.80	170.11			18
28 40W 32CCB	3320.	004060	446	158	172.50	203.43	205.82	213.10	220.74	228.52	234.57			19
28 41W 12BHC	3313.	004060	323	119	129.50	146.69	150.08	160.32	162.50	167.29	169.08			20
28 41W 31BDD	3414.	004060	280	155	146.00	154.29	155.50	172.17	172.15	177.55	178.67			21
28 42W 8CCC	3539.	004060	300	199	233.90	248.29	247.85		252.19	258.11	264.80			22
28 42W 32BBB	3540.	072			215.95	223.39	222.96	238.50	228.03	228.57	226.94			23
29 39W 17BCB	3239.	004060	456	108	128.29	150.45	157.92	163.11		180.70	185.55			24
29 39W 210BD	3183.	004060	413	62	82.68		109.68	114.20	122.23	128.28	130.10			25
29 39W 24DDA	3154.	004060	449	62	80.08	102.77	105.21		120.76	122.98	127.53			26
29 41W 13ACC	3344.	004060	400	176	192.67	216.34	218.92	225.77	231.32	237.37	242.41			27
29 41W 31CBD	3477.	072			236.52		253.18			259.86	263.24			28
29 42W 8CDC	3517.	072			186.97		192.88		197.10	200.17	195.06			29
29 42W 11DCD	3486.	072			212.29	218.69	219.32	220.22	221.35	225.87	233.55			30
29 42W 24CCC	3484.	004060072			221.26		211.54	225.37		206.88	208.58			31
29 43W 33CDB	3654.	072			119.83	113.95	111.10	114.16	115.99	115.72	116.38			32
30 39W 2ABB	3177.	004060	417	72	89.29	108.07		117.51	124.21	129.81	134.03			33
30 39W 18BBB	3238.	004060072			121.25	141.13	142.52	148.03		149.82	155.79			34
30 39W 23BBB	3179.	004060	404	72	89.50	108.93	112.90	117.96	123.94	129.88	134.73			35

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
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STANTON COUNTY CONTINUED

30 39W 32DA	3226.	004060	247	104	116.85	138.53	140.24	146.30	150.03	155.82	160.52			36
30 39W 36BDD	3181.	004060	415	82	102.90		125.63	129.82	137.53	139.84	145.45			37
30 40W 24CDC	3237.	004060072			115.30	135.68	133.60	.	149.42	145.17	148.68			38
30 40W 33CCB	3309.	072			164.36		169.88	.	181.96	182.60	189.43			39
30 41W 13CCC	3346.	004060	216	158	170.39	173.18	180.35	.			198.33			40
30 41W 32BAA	3433.	072			190.85		190.40	.						41
30 42W 12ACC	3457.	072			188.08		187.52	190.25	199.93	195.35	206.19			42
30 42W 16BDB	3524.	072			187.80		174.70	179.06	186.91	185.52	182.92			43
30 43W 34BBB	3622.	004060	103	42	66.39	72.60	70.48	80.78	88.06	83.30	82.39			44
30 43W 36BB	3595.	004060072			71.60	74.84	78.00	75.43	75.80	76.04	77.07			45

TABLE 1.--HYDROLOGIC DATA, SOUTHWESTERN KANSAS.

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
STEVENS COUNTY														
31 35W 78BB	3017.	004060	437	172	185.80	202.81	205.50	213.64	221.23	224.72	228.98			1
31 35W 15BAA	3009.	004060	449	224	236.42	246.47	247.84	252.66			262.35			2
31 35W 19CCC	3039.	004060	490	174	187.30	199.80	202.36	207.93	209.05	211.10	213.80			3
31 35W 26DCC	2988.	004060	447	213	230.24	240.28	242.45	257.04	250.38	255.28	261.23			4
31 36W 2CDD	3019.	004060	365	139	155.86	162.26	165.70	167.60	167.59	169.33	169.38			5
31 36W 18BAA	3056.	004060	376	96	102.24	112.68	116.45	123.86	127.33	130.08	133.53			6
31 36W 27BCB	3071.	004060	461	136	137.34		149.43	155.84	157.66	162.97	164.71			7
31 37W 9BCC	3103.	004060	403	108	130.15	144.84	147.71	160.43	162.16	168.67				8
31 37W 22BCC	3096.	004060	440	106	128.39	142.21		155.97	157.89	163.18	172.61			9
31 38W 17CDA	3170.	004060	380	110	131.00		149.59	157.33	165.40	174.90	170.81			10
31 38W 34BAC	3143.	004060	418	95	98.70	99.17	100.95	102.50	109.69	110.13				11
31 39W 23BBB	3199.	004060	259	98	116.92	137.28	138.60	144.05	152.20	150.54	154.76			12
32 35W 2CBB	2988.	004060	419	199	230.61				253.89	256.84				13
32 35W 8DDD	3012.	004060	502	130		130.78	131.03	135.99	139.39	143.54	144.05			14
32 37W 4ACA	3141.	004060	521	144	162.00	171.68	175.47	181.65	186.88	192.41	197.39			15
32 37W 10DCC	3120.	004060	540	127	136.45	142.05	143.99	147.31	151.07	153.37	153.99			16
32 38W 6ACC	3150.	004060	320	60	55.64	56.29	56.34	56.90	58.49	57.87	57.15			17
32 38W 11ADA	3159.	004060	529	118	114.12	114.39	113.60	112.65	113.36	115.50	117.53			18
32 38W 23BDD	3175.	004060	505	116	106.23	108.06	101.69	.	110.46	119.33	119.57			19
32 39W 28BB	3216.	004060	296	96	132.95	141.31	144.02	158.34		172.64	176.30			20
32 39W 15BCA	3247.	004060	267	117	128.47	136.16		.						21
33 36W 11DDC	3020.	004060	475	101	102.53	110.00	110.83	115.99	128.16	128.85	132.23			22
33 36W 26DDD	3032.	004060	422	121	118.73	125.17	125.17	126.80	138.90	139.10	147.62			23
33 37W 9BCC	3113.	004060	525	81	.	77.92	78.64	.		77.50	78.45			24
33 37W 17CCC	3124.	004060	554	83	89.32	72.42	72.85	75.22	78.31	81.39	83.34			25
33 37W 23CDB	3092.	004060	562	87	83.85	90.72	91.94	94.24	94.54	95.57	96.36			26
33 38W 6AAB	3203.	004060	378	93	94.67	91.67	90.98	91.13	90.84	91.68	93.92			27
33 38W 10ACC	3166.	004060	466	101	107.76	106.97	107.51	111.20	115.02	119.46	122.70			28
33 38W 20DDB	3191.	004060	456	106	124.95	133.85	132.22	133.71	143.21	140.40	135.75			29
33 38W 25DDC	3167.	004060	572	117	107.58	113.50	113.78	.						30
34 35W 7BCC	3025.	004060	605	120	113.64	127.60	128.35	130.80	139.01	142.24				31
34 35W 18BCA	3035.	004060	667	130				130.19	136.18	145.57	140.76			32
34 37W 8DAC	3162.	004060	642	133	113.02	113.64	113.36	110.08	114.60	117.07	118.76			33
34 37W 27ABC	3132.	004060	532	125	105.80	103.52	103.13	103.38	103.70	104.49	107.70			34
34 38W 2CDB	3197.	004060	577	139	136.00	137.13	137.63	139.03		142.84				35

TABLE 1 CONTINUED

WELL NUMBER	ALTITUDE (FEET)	AQUIFER	DEPTH TO BEDROCK (FEET)	DEPTH TO WATER 1940 (FEET)	DEPTH TO WATER 1966 (FEET)	DEPTH TO WATER 1973 (FEET)	DEPTH TO WATER 1974 (FEET)	DEPTH TO WATER 1975 (FEET)	DEPTH TO WATER 1976 (FEET)	DEPTH TO WATER 1977 (FEET)	DEPTH TO WATER 1978 (FEET)	DEPTH TO WATER 1979 (FEET)	DEPTH TO WATER 1980 (FEET)	N
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STEVENS COUNTY CONTINUED

34 38W 34BDB	3204.	004060	564	149	136.50	137.76	138.35	138.27						36
34 39W 2CCA	3248.	004060	533	118	108.35	105.50	104.51	103.42	102.45	102.64	102.67			37
34 39W 14DDD	3276.	004060	497	154				159.09	158.89	159.38	159.35			38
34 39W 15CAD	3280.	004060	510	141	141.73	138.16	136.97	135.59	134.79	135.90	135.79			39
35 36W 1AAA	3022.	004060	590	120		103.38	104.59	103.99		107.76	108.87			40
35 39W 10CAD	3302.	004060	502	183	188.00	196.20	185.85	186.05	184.90	185.41	193.57			41

Table 2.--Changes in depth to water and saturated thickness,
northwestern Kansas.

TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN NORTHWESTERN KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
TO, OGALLALA FORMATION; KN, NIOBRARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
KJ, UNDIFFERENTIATED LOWER CRETACEOUS AND UPPER JURASSIC DEPOSITS.

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
CHEYENNE COUNTY										
1 38W 2CDC	QA	25.06	0.71	-2.46	-2	-0.21	-0.07	16	18	-11
1 38W 8DCC	QA	14.38	1.12	-2.08	-2	-0.17	-0.09	19	21	-11
1 38W 30BDC	QA	9.89	5.84	-1.86	-3	-0.16	-0.10	18	21	-14
1 39W 25CBC	QA	9.90	0.09	-1.33	-3	-0.11	-0.10	16	19	-15
2 38W 27DAD	TO								82	
2 39W 19ABC	QA, TO								21	
2 39W 27BBB	QA	18.29	0.57	-0.46	0	-0.04	-0.01	10	10	-3
2 40W 20BBC	TO								14	
2 40W 28DBA	TO	112.46		0.13	0	0.01	-0.02	28	28	-2
2 41W 27BBD	TO	200.71	14.53	-2.11	-1	-0.18	-0.03	41	42	-2
2 41W 330BC	TO	237.95		-2.71	-3	-0.23	-0.11	50	53	-6
2 42W 14DDO	TO	232.40	-0.34	-0.57	0	-0.05	-0.01	16	16	-3
3 37W 19BBC	TO	228.05	-1.06	-8.18	-13	-0.68	-0.47	97	110	-12
3 37W 36ADB	TO	197.65	4.27	-15.56	-23	-1.30	-0.81	102	125	-18
3 39W 20DAC	TO	141.83	6.93	-1.36	-12	-0.11	-0.42	57	69	-17
3 39W 32BDB	TO	155.94	4.92	-2.34	-6	-0.20	-0.21	67	73	-8
3 40W 9BAA2	QA, TO	20.44	-0.84	-0.54	0	-0.04	-0.02	2	2	-22
3 40W 22BCA	QA	6.53	0.24	0.23	0	0.02	0.02	11	11	4
3 40W 28CBH	QA	12.25	-0.19	-3.55	-2	-0.30	-0.08	14	16	-14
3 40W 35AAC	TO	100.45	-0.35	-4.28	-5	-0.36	-0.19	44	49	-11
3 41W 16AAC	TO	135.65	2.54	0.55	0	0.05	0.01	38	38	1
3 41W 31ADB	TO	237.90	-8.22	-29.45	-39	-2.45	-1.39	17	56	-69
3 42W 21BCC	TO								59	
4 37W 11BCC	TO								126	
4 37W 17AAC	TO								138	
4 37W 25DCA	TO	148.75	4.56	-7.25	-2	-0.60	-0.06	135	137	-1
4 38W 4BAC	TO	212.23	5.01	-5.23	-5	-0.44	-0.19	115	120	-4
4 38W 11CCC	TO	197.30	0.03	-2.30	-2	-0.19	-0.08	140	142	-2
4 38W 20CCC	TO	153.60	-0.66	-4.03	-3	-0.34	-0.09	143	146	-2
4 38W 21ADC	TO	180.80	14.74	7.20	-3	0.60	-0.10	135	138	-2
4 39W 20BC	TO	199.60	0.70	-3.15	-8	-0.26	-0.27	108	116	-7
4 39W 15CCA	TO	139.67	17.69	3.27	-4	0.27	-0.13	135	139	-3
4 39W 18CAB	TO	156.56	0.18	0.17	-4	0.01	-0.13	112	116	-3
4 39W 27CCA	TO	133.64		-4.15	-4	-0.35	-0.13	131	135	-3
4 40W 22BCB	TO	124.74		-0.84	-2	-0.07	-0.06	90	92	-2

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
CHEYENNE COUNTY CONTINUED										
4 41W 16DAA	QA	15.90	0.20	-1.66	-3	-0.14	-0.10	22	25	-12
4 41W 25BCB	TO	141.37	0.93	-1.73	0	-0.14	-0.01	70	70	-1
4 41W 31ACA	TO	96.93	-0.72	-2.91	-3	-0.24	-0.10	45	48	-6
4 42W 26BDH	QA, TO	18.54	1.28	3.61	-1	0.30	-0.02	37	38	-1
5 37W 15DBH	TO	151.05	2.29	-14.65	-14	-1.22	-0.50	146	160	-9
5 38W 13BAA	TO	76.06	5.15	-3.50	-2	-0.29	-0.07	144	146	-1
5 38W 22ACB	TO	94.50	1.38	-3.90	-5	-0.32	-0.16	176	180	-3
5 38W 26CCA	TO	116.70	5.34	-5.00	-5	-0.42	-0.17	168	173	-3
5 39W 8CCC	TO	183.79	-1.29	-8.09	-9	-0.67	-0.31	137	146	-6
5 39W 11CBC	TO	146.33	3.13	-6.23	-6	-0.52	-0.23	145	151	-4
5 39W 19BBC	TO								121	
5 39W 25CDA	TO	128.86	7.94	-3.81	-2	-0.32	-0.07	166	168	-1
5 40W 4CBD	TO	206.72	0.79	-5.92	-7	-0.49	-0.24	123	130	-5
5 40W 14BCD	TO	217.13	-4.84		-30		-1.08	108	138	-22
5 40W 15ACB	TO	210.88	0.94	-21.78	-21	-1.81	-0.75	121	142	-15
5 40W 27BBA	TO	199.60	-0.10		-27		-0.95	127	154	-17
5 41W 12ADC	TO	207.20	-0.11	-8.90	-9	-0.74	-0.33	106	115	-8
5 41W 20DAA	TO	223.00	0.43	-11.32	-16	-0.94	-0.57	86	102	-16
5 42W 4AAB	QA, TO	17.94	0.16	-1.78	-3	-0.15	-0.11	67	70	-4
5 42W 14CBC	TO	154.26	11.36	-6.76	-9	-0.56	-0.33	61	70	-13
5 42W 36CCB	TO	209.60	-0.41	-6.00	-10	-0.50	-0.34	95	105	-9

TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN NORTHWESTERN KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
TO, OGALLALA FORMATION; KN, NIOBRARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
KJ, UNDIFFERENTIATED LOWER CRETACEOUS AND UPPER JURASSIC DEPOSITS.

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
DECATUR COUNTY										
1 26W 18DDH	QA	22.02	8.17	4.45	6	0.37	0.21	37	31	19
1 29W 3DDH	QA	28.50	1.30	-5.44	-6	-0.45	-0.20	17	22	-25
1 29W 19BDD	QA	15.30	5.45	-4.33	-5	-0.36	-0.19	38	43	-12
1 30W 34DDD	QA	30.30	2.11	-8.76	-10	-0.73	-0.37	30	40	-26
2 26W 11BBA	TO	87.62	-1.38	-0.27	-3	-0.02	-0.09	22	25	-10
2 28W 13ABA		27.48	1.46	-1.25	0	-0.10	-0.02	31	31	-2
2 29W 24HCC	TO	96.37	0.22	0.26	4	0.02	0.13	28	24	15
2 30W 26DCC	TO								101	
3 26W 30CBB2	TO	132.11	-5.75	-12.66	-13	-1.06	-0.47	10	23	-57
3 27W 32ABA	TO	76.62	-1.94	-1.79	-3	-0.15	-0.09	43	46	-6
3 28W 6DCB	QA	39.50	-6.45	-13.89	-6	-1.16	-0.20	16	21	-26
3 28W 32BCA	TO								47	
3 29W 12BBA	QA	28.58	-1.54	-3.68	-3	-0.31	-0.09	26	29	-9
3 29W 17DCB	QA, TO	22.99	-0.56	-2.94	-4	-0.25	-0.14	27	31	-13
3 29W 31DCC	QA	22.52	1.52	-2.17	-3	-0.18	-0.09	15	18	-14
3 30W 3CBA	TO								81	
3 30W 26BBB	QA	11.00	1.42	-0.80	-4	-0.07	-0.14	38	42	-10
4 26W 8DDO	QA	28.66	2.57	0.07	-3	0.01	-0.10	41	44	-6
4 26W 19DCA	QA								23	
4 26W 36BBB	TO								41	
4 27W 17DAC	TO	104.42	1.47	-0.60	1	-0.05	0.02	58	57	1
4 27W 33BBB	QA	16.59	1.58	-0.51	-4	-0.04	-0.13	37	41	-9
4 28W 15AAA	TO	93.80	1.19	0.31	-2	0.03	-0.06	36	38	-5
4 28W 30DDD	TO	91.68		1.02	0	0.08	0.01	18	18	2
4 30W 7BBB	QA								14	
4 30W 9DDD	TO								14	
4 30W 25DCC	TO								71	
5 26W 5ADD	TO	134.06	-5.62	-5.13	-6	-0.43	-0.22	36	42	-14
5 26W 26DDA	QA	22.20	0.76	0.23	4	0.02	0.14	52	48	8
5 26W 33DCC	QA	17.56	0.73	0.66	2	0.06	0.09	42	40	6
5 27W 21CCA	TO	103.36	0.39	0.87	0	0.07	-0.01			
5 28W 7BBC	QA	16.39	0.85	3.55	3	0.30	0.09	36	33	8
5 28W 10BBB	QA	9.18	2.02	-1.14	3	-0.09	0.10	38	35	8
5 28W 14ADD	TO	134.56	1.18	0.50	-2	0.04	-0.06	25	27	-6
5 28W 17DAC	TO								22	

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
DECATUR COUNTY CONTINUED										
5 29W 11BAA	QA	12.57	0.52	-0.18	-3	-0.02	-0.09	29	32	-8
5 29W 22CBB	QA	14.84	-1.88	-2.23	-4	-0.19	-0.14	31	35	-11
5 30W 35BCB	TO	116.10	0.67	-4.48	-4	-0.37	-0.15	84	88	-5

TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN NORTHWESTERN KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
TO, OGALLALA FORMATION; KN, NIobrARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
KJ, UNDIFFERENTIATED LOWER CRETACEOUS AND UPPER JURASSIC DEPOSITS.

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
GOVE COUNTY										
11 26W 4CDC	TO	64.22	-3.19	-4.22	-2	-0.35	-0.08	126	128	-2
11 27W 16AAA	TO	103.37		-9.22	-8	-0.77	-0.30	77	85	-10
11 27W 36BCC	TO	76.30	0.79					64		
11 29W 4DAD	TO	118.54	-5.64		-10		-0.34	51	61	-16
11 30W 27ABB	TO	126.66	-1.72		-10		-0.34	38	48	-20
13 26W 20CBC	QA	9.35	0.38	1.83		0.15		34		

TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN NORTHWESTERN KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
TO, OGALLALA FORMATION; KN, NIOBRARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
KJ, UNDIFFERENTIATED LOWER CRETACEOUS AND UPPER JURASSIC DEPOSITS.

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
LOGAN COUNTY										
11 32W 4ACD	TO	107.47	6.58	-5.47	-11	-0.46	-0.41	101	112	-10
11 32W 19AAB	TO	101.63	-0.23		-10		-0.34	81	91	-11
11 34W 16CDB	TO	119.15	3.85	-0.68	3	-0.06	0.10	51	48	6
11 36W 6ADD2	TO	159.60	-0.71	-22.54	-18	-1.88	-0.63	60	78	-23
11 36W 6DBB2	TO	169.30	-0.22	-19.30	-21	-1.61	-0.76	113	134	-16
13 35W 23BCC	QA	47.95	2.14		-3		-0.11	14	17	-17
13 36W 20CCB	QA	11.97	-1.07					18		

TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN NORTHWESTERN KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
TO, OGALLALA FORMATION; KN, NIOBRARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
KJ, UNDIFFERENTIATED LOWER CRETACEOUS AND UPPER JURASSIC DEPOSITS.

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
RAWLINS COUNTY										
1 33W 29CCC	TO	114.29	3.81	1.34	1	0.11	0.03	30	29	2
2 31W 3CAD	QA	17.93	1.29	-3.23	-3	-0.27	-0.10	24	27	-11
2 32W 14DCA	QA	21.21	1.82	-2.79	-3	-0.23	-0.11	28	31	-10
2 32W 20DCD	QA	12.80	0.04	-4.50	-8	-0.38	-0.28	19	27	-29
2 33W 26DCC	QA	23.40	0.99	-3.55	-10	-0.30	-0.37	23	33	-32
2 35W 13ABB	TO	167.00	4.22	3.34	7	0.28	0.25	41	34	21
2 35W 34CAA	QA, TO	30.31	1.32	-0.66	-1	-0.05	-0.05	82	83	-2
2 36W 13DDD	TO	190.08	6.91	0.02	-4	0.00	-0.15	70	74	-6
2 36W 15CDD	TO	203.84	0.76	0.01	0	0.00	0.01	86	86	0
2 36W 18CCB	TO								81	
2 36W 36BAA	TO								120	
3 31W 7CBD	TO	146.25	5.09	0.06	-4	0.00	-0.15	54	58	-7
3 31W 23BBB	TO	73.60	0.	-0.50	-1	-0.04	-0.02	45	46	-1
3 31W 27DAD	TO								41	
3 33W 30CC	QA	25.70	0.77	-5.10	-4	-0.43	-0.13	36	40	-9
3 33W 8CDC	QA	22.50	0.50	-6.38	-3	-0.53	-0.09	30	32	-8
3 34W 3ABB	QA	12.95	4.82	0.85	-1	0.07	-0.03	27	28	-3
3 34W 26BAC	QA	11.31	-0.36	-2.83	-4	-0.24	-0.15	29	33	-13
3 34W 33BCC	QA	15.16	1.94	-1.08	-1	-0.09	-0.04	37	38	-3
3 35W 24CBB	QA	27.24	2.33	-2.52	-6	-0.21	-0.22	23	29	-22
3 36W 14CBB	TO	202.12	7.27	-10.84	-14	-0.90	-0.50	107	121	-12
3 36W 17CCC	TO	207.00	-1.62	-11.61	-11	-0.97	-0.39	93	104	-11
3 36W 28DAA	TO								141	
4 31W 16ABD	QA	10.75	0.43	-2.82	-4	-0.24	-0.13	39	43	-9
4 31W 25DDD	QA	16.00	-0.03	-1.32	-1	-0.11	-0.04	16	17	-6
4 33W 18DDA	TO	87.19	-3.42	0.50	1	0.04	0.03	66	65	1
4 33W 28DCA	TO	153.04	3.76	-1.77	-1	-0.15	-0.04	84	85	-1
4 34W 33CBC	TO	120.02	1.06	-2.80	-5	-0.23	-0.18	90	95	-5
4 35W 6DCD	TO	159.02	6.08	-1.20	-2	-0.10	-0.07	101	103	-2
4 35W 13DAD	QA	15.94	0.12	-0.88	-3	-0.07	-0.11	35	38	-8
4 35W 29DDD	TO	150.50	0.10	-0.32	-1	-0.03	-0.02	74	74	-1
4 36W 6BBB	TO	188.71	5.39		-27		-0.95	104	131	-20
4 36W 9CDD	QA, TO	23.88	-0.36	-6.43	-6	-0.54	-0.21	111	117	-5
5 31W 10DDA	TO	41.38	2.36	-1.20	-11	-0.10	-0.41	29	40	-28
5 31W 20CCA	TO	33.90	1.59	-4.20	-12	-0.35	-0.43	34	46	-26

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
RAWLINS COUNTY CONTINUED										
5 31W 23DDD	TO	121.09	0.19	-0.49	-3	-0.04	-0.11	39	42	-7
5 32W 14CDD	TO	130.56	1.58	0.29	-1	0.02	-0.02	49	50	-1
5 33W 29BDA	TO	18.76	0.52	-1.73	-7	-0.14	-0.24	96	103	-7
5 34W 18BB	TO	115.50	-0.40	-1.12	1	-0.09	0.02	122	121	0
5 34W 28ADC	TO	134.23	0.62	-0.11	-7	-0.01	-0.26	113	120	-6
5 35W 10CDD	TO								110	
5 36W 21BCD	QA, TO	18.94	1.18	-3.41	-2	-0.28	-0.07	136	138	-1

TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN NORTHWESTERN KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
TO, OGALLALA FORMATION; KN, NIOBRARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
KJ, UNDIFFERENTIATED LOWER CRETACEOUS AND UPPER JURASSIC DEPOSITS.

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
SHERIDAN COUNTY										
6 27W 30CD	QA	32.57	1.63	-0.74	-4	-0.06	-0.13	35	39	-9
6 27W 8DCA	QA, TO	21.28	-0.51	-6.67	0	-0.56	-0.01	87	87	0
6 27W 19DAB	QA	28.39	0.16	-1.77	2	-0.15	0.06	32	30	5
6 27W 27BCC	TO	163.22	-0.42	-8.78	-1	-0.73	-0.04	157	158	-1
6 28W 10DAA	TO								68	
6 28W 28ADD	QA, TO	45.93	-1.84	-4.56	-4	-0.38	-0.14	86	90	-4
6 28W 30BCC	TO	57.21	-1.84	-6.23	-4	-0.52	-0.15	102	106	-4
6 29W 10DBC	TO	142.18	-1.71	-23.50	-26	-1.96	-0.94	63	89	-29
6 29W 24ABB	TO	101.07	-0.77	-4.82	-10	-0.40	-0.36	104	114	-9
6 29W 33CDA	TO	102.91	-0.72	-9.59	-9	-0.80	-0.32	104	113	-8
6 30W 2BCA	QA, TO	20.08	-0.63	-8.43	-10	-0.70	-0.36	72	82	-12
6 30W 13BAA	TO	123.10	2.39		-8		-0.29	93	101	-8
6 30W 14CCD	TO	106.85	1.34	-3.97	-12	-0.33	-0.42	96	108	-11
6 30W 24DDC	TO								95	
7 26W 6AAB	TO	125.89	1.96	0.04	-1	0.00	-0.03	78	79	-1
7 26W 12BAC	TO	102.71	-1.42	-10.72	-9	-0.89	-0.31	67	76	-11
7 26W 15BDD	TO	145.54	-2.41					101		
7 26W 19BBC	TO	127.14	-3.51					74		
7 26W 28CAB	TO	152.73	-0.46	-4.25	-11	-0.35	-0.38	90	101	-11
7 27W 24BBB	TO	128.53	-1.44	-10.02	-15	-0.84	-0.52	91	106	-14
7 28W 8BDC	TO								142	
7 28W 19BBA	TO	136.04	-1.45	-17.89	-24	-1.49	-0.86	104	128	-19
7 28W 21ABB	TO	147.71	-0.72	-16.66	-19	-1.39	-0.67	87	106	-18
7 28W 36ABA	TO	135.19	-1.33	-7.69	-12	-0.64	-0.44	98	110	-11
7 29W 20BD	TO	146.79	-0.50	-10.54	-20	-0.88	-0.71	112	132	-15
7 29W 21ABB	TO								119	
7 29W 27CCC	TO	164.83	-1.02					100		
7 29W 30ABA	TO	145.34	1.21	-23.49	-32	-1.96	-1.16	110	142	-23
7 30W 24DDD	TO	144.01	-0.09	-24.08	-33	-2.01	-1.18	103	136	-24
8 26W 14DAA	QA	16.77	-0.07	2.76	-4	0.23	-0.13	49	53	-7
8 26W 16CDD	QA	37.14	-0.54	-2.63	-14	-0.22	-0.50	33	47	-30
8 27W 11DCD	QA	10.55	-0.45	-1.99	2	-0.17	0.09	49	47	5
8 27W 33BBD	QA	18.37	-1.40	-0.45	-3	-0.04	-0.12	32	35	-10
8 28W 9ABC	TO	130.44		-12.70	-11	-1.06	-0.41	103	114	-10
8 29W 1DCB	TO	138.32	-0.39	-15.69	-13	-1.31	-0.48	102	115	-12

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
SHERIDAN COUNTY CONTINUED										
8 29W 29BAA	TO	91.29	-0.60	-9.23	-7	-0.77	-0.26	132	139	-5
8 30W 11CBC	TO	158.01	-1.66	-24.51	-35	-2.04	-1.25	119	154	-23
8 30W 13DAA	TO	131.37	-3.22	-21.61	-28	-1.80	-1.01	126	154	-18
8 30W 30ABC	TO	117.84	-4.00	-11.98	-11	-1.00	-0.39	116	127	-9
9 27W 12CCC	TO								94	
9 27W 19DDD	TO								81	
9 28W 4BCC	TO,QA	27.42	-1.85	-1.70	-9	-0.14	-0.34	71	80	-12
9 28W 6CCB	QA,TO	6.98	0.58	-0.05	-3	-0.00	-0.11	80	83	-4
9 28W 31AAC	TO								87	
9 29W 17BAB	TO	97.18	-1.07	-12.95	-13	-1.08	-0.47	99	112	-12
9 29W 26BAA	TO								87	
9 30W 3AAB2	TO	134.04	-2.29	-14.75	-16	-1.23	-0.57	83	99	-16
9 30W 16CDA	TO	54.50		-9.76	-29	-0.81	-1.02	108	136	-21
9 30W 35BBB	TO	141.89	-2.39	-12.56	-22	-1.05	-0.78	73	95	-23
10 27W 20CBC	QA								38	
10 27W 22DBA	QA								55	
10 28W 50DB	TO	101.51	-1.35	-6.29	-3	-0.52	-0.09	71	74	-3
10 28W 29DAA	QA,TO	26.51	-0.38	-1.08	-5	-0.09	-0.16	35	40	-11
10 29W 20CCC	QA								68	
10 30W 8DDD	TO	99.48	-0.16	-6.44	-3	-0.54	-0.12	87	90	-4
10 30W 12ADA	TO	99.31	-1.69	-11.61	-10	-0.97	-0.37	88	98	-11
10 30W 17DAD	TO	66.62	-0.82	-3.76	-3	-0.31	-0.09	98	101	-3

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TO, OGALLALA FORMATION; KN, NIobrARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
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WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
SHERMAN COUNTY										
6 37W 38CC	TO	161.50	-0.06	-4.80	-11	-0.40	-0.38	117	127	-8
6 37W 78BA	QA	8.39	0.27	-2.22	-3	-0.18	-0.12	126	129	-3
6 37W 16CDD	TO	170.60	-0.34	-6.78	-14	-0.57	-0.49	93	107	-13
6 37W 19ABB	TO	159.52	0.45	-4.09	-10	-0.34	-0.34	149	159	-6
6 37W 34DCD	TO								157	
6 38W 9ABD	TO	164.10	-7.82	-12.80	-17	-1.07	-0.61	154	171	-10
6 38W 20ACC	TO,QA	14.91	-1.44	-3.71	-4	-0.31	-0.14	156	160	-2
6 39W 9DDD	TO	151.20	-5.92	-8.45	-6	-0.70	-0.22	179	185	-3
75 6 40W 10AAC	TO	154.84	1.52	-3.60	-4	-0.30	-0.14	186	190	-2
6 40W 21AAC	TO								172	
6 40W 30DCC	TO	161.65	-1.25	-8.05	-3	-0.67	-0.09	164	167	-2
6 40W 35BCC	TO	152.60	-1.21	-10.05	-8	-0.84	-0.27	185	193	-4
6 41W 1ABB	TO	162.45	-0.65	-5.85	-12	-0.49	-0.44	134	146	-9
6 41W 98CB	TO								150	
6 41W 19DBD	TO	185.25	-7.11	-15.68	-23	-1.31	-0.83	140	163	-14
6 41W 27DBD	TO	157.54	-1.25	-15.39	-17	-1.28	-0.59	167	184	-9
6 42W 2AAA	TO	193.82	-0.92	-12.12	-15	-1.01	-0.53	83	98	-15
6 42W 8CBB	TO	208.98	0.37	-7.68	-26	-0.64	-0.93	95	121	-21
6 42W 22DCC	TO	197.29	-5.64	-14.10	-20	-1.18	-0.72	118	138	-15
6 42W 30ADA	TO	198.50	-3.52	-14.90	-23	-1.24	-0.80	111	133	-17
7 37W 48BC	TO	136.75	-0.25		-15		-0.53	133	148	-10
7 37W 5CCB	TO	136.10	-1.84	-6.15	-12	-0.51	-0.43	158	170	-7
7 37W 178DA	TO	133.95	-1.07	-4.12	-12	-0.34	-0.43	155	167	-7
7 38W 168AA	TO								178	
7 39W 9BBB	TO	113.08	-0.18	-8.24	-7	-0.69	-0.25	182	189	-4
7 39W 24BAA	TO	150.33	-4.93	-16.39	-13	-1.37	-0.48	150	163	-8
7 39W 30CCB	TO	136.09	-0.74	-18.45	-23	-1.54	-0.82	217	240	-10
7 40W 6ADB	TO	161.97	-1.07	-12.55	-10	-1.05	-0.36	181	191	-5
7 40W 298BA	TO	135.57	-0.57	-14.03	-15	-1.17	-0.52	152	167	-9
7 40W 358BB	TO	123.51	1.82	-20.51	-22	-1.71	-0.77	131	153	-14
7 40W 36BAB	TO	131.24	-1.39	-21.30	-26	-1.78	-0.94	190	216	-12
7 41W 108BA	TO	157.38	-1.33		-16		-0.58	173	189	-9
7 41W 16ADC	TO	147.91	0.39	-13.01	-18	-1.08	-0.64	169	187	-10
7 41W 280BB	TO	124.40	-2.20	-12.91	-13	-1.08	-0.48	156	169	-8
7 42W 7DAA	TO	190.47	-1.44	-26.07	-27	-2.17	-0.98	130	157	-17

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
SHERMAN COUNTY CONTINUED										
7 42W 17CCC	TO	133.30	-1.60	-15.33	-14	-1.28	-0.51	130	144	-10
7 42W 27AAB	TO	160.73	-3.08	-20.13	-19	-1.68	-0.67	160	179	-10
8 37W 3ADB	TO	151.42	-0.93	-7.83	-25	-0.65	-0.91	122	147	-17
8 37W 6ADB	TO	138.00	-0.55	-4.70	-14	-0.39	-0.50	126	140	-10
8 37W 21CCC	TO	138.66	0.21	-17.50	-19	-1.46	-0.67	91	110	-17
8 37W 28ABC	TO	130.71	8.78	-18.56	-21	-1.55	-0.74	107	128	-16
8 37W 32ABB	TO	94.50	-0.59	-14.13	-12	-1.18	-0.41	122	133	-9
8 38W 17CDD	TO	155.88	-1.38	-13.69	-13	-1.14	-0.46	137	150	-9
8 38W 24AAB	TO	121.72	-5.95	-10.31	-12	-0.86	-0.42	138	150	-8
8 38W 28ACC	TO	144.20	-1.18	-11.85	-10	-0.99	-0.36	87	97	-11
8 39W 28AA	TO	162.20	-5.56	-26.95	-24	-2.25	-0.86	133	157	-15
8 39W 15CCC	TO	165.00	-8.12	-30.00	-38	-2.50	-1.36	107	145	-26
8 39W 17UCD	TO	178.80	3.57	-18.00	-27	-1.50	-0.96	121	148	-18
8 39W 27AAB	TO	174.70	-3.94	-30.08	-33	-2.51	-1.17	120	153	-21
8 39W 28CAB	TO	163.50	-1.35	-19.50	-34	-1.63	-1.20	125	158	-21
8 40W 12DBA	TO	162.55	-1.03	-29.20	-43	-2.43	-1.52	127	170	-25
8 40W 17CDB	TO	130.52	-6.20	-22.83	-29	-1.90	-1.02	146	175	-16
8 40W 20CBC3	TO	118.01	-1.14	-28.60	-32	-2.38	-1.14	148	180	-18
8 40W 20CCC	TO	112.76	-1.85	-32.36	-33	-2.70	-1.17	164	197	-17
8 40W 20DAA	TO	65.46	2.94	-9.46	-20	-0.79	-0.73	151	171	-12
8 40W 24AAA	TO	181.17	-2.01	-32.24	-47	-2.69	-1.68	109	156	-30
8 40W 25AAC	TO	183.23	-2.88	-25.23	-50	-2.10	-1.79	107	157	-32
8 40W 35CCB	TO	158.56	-1.30	-28.31	-27	-2.36	-0.95	113	140	-19
8 41W 17CBA	TO	140.16	8.43	-11.36	-11	-0.95	-0.40	160	171	-7
8 41W 25BBC	TO	111.15	-1.37	-15.64	-17	-1.30	-0.61	153	170	-10
8 42W 4BBC	TO	181.97		-30.10	-33	-2.51	-1.18	138	171	-19
8 42W 15DOB	TO	121.64	3.01	-22.33	-24	-1.86	-0.84	152	176	-13
8 42W 19ABB	TO	168.37	-3.26	-38.03	-44	-3.17	-1.58	142	186	-24
8 42W 29ACB	TO	121.78	-0.22	-21.70	-21	-1.81	-0.74	107	128	-16
8 42W 31DCD	TO	73.89	0.90	-15.65	-24	-1.30	-0.85	133	157	-15
8 42W 34DCB	TO	143.58	4.08	-18.93	-20	-1.58	-0.70	121	141	-14
9 38W 11DDD	TO								46	
9 38W 13BCC	TO	76.18	-0.81		-2		-0.08	86	88	-2
9 39W 17BBA	TO	153.80			-28		-0.99	82	110	-25
9 39W 19CCC	TO	131.97	0.62		-27		-0.96	113	140	-19

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
SHERMAN COUNTY CONTINUED										
9 40W 8CCB	TO	150.67	-2.52		-28		-0.99	100	128	-22
9 40W 8CDB	TO	149.25	-4.67	-33.25	-33	-2.77	-1.19	102	135	-25
9 40W 13CDC	TO	158.90	-0.41	-33.76	-36	-2.81	-1.28	101	137	-26
9 40W 27CDC	TO	155.03	-0.79	-27.33	-30	-2.28	-1.07	159	189	-16
9 40W 29BBB	TO	152.70	-8.37	-33.32	-31	-2.78	-1.10	93	124	-25
9 41W 5DCC	TO	164.05	-6.24	-28.15	-36	-2.35	-1.29	101	137	-26
9 41W 11DCB	TO	168.10	-6.14	-32.68	-36	-2.72	-1.29	128	164	-22
9 41W 14BBC	TO	168.45	-1.46		-34		-1.23	129	163	-21
9 41W 28AAA	TO	167.91	-13.38	-33.71	-44	-2.81	-1.57	122	166	-26
9 41W 32AAA	TO								174	
9 41W 34BAB	TO	144.45		-30.74	-33	-2.56	-1.19	146	179	-19
9 42W 8AAA	TO	154.10	-1.40	-23.32	-34	-1.94	-1.22	117	151	-23
9 42W 11CCC	TO	165.26	1.03	-30.26	-40	-2.52	-1.44	109	149	-27
9 42W 14AAA	TO	164.66	-2.68	-34.09	-49	-2.84	-1.74	126	175	-28
9 42W 16CDD2	TO	141.03		-24.23	-27	-2.02	-0.97	150	177	-15
9 42W 35ABB	TO	138.64	-1.55	-35.66	-37	-2.97	-1.31	129	166	-22
10 37W 23ABB	TO	190.89		-16.94	-20	-1.41	-0.71	98	118	-17
10 40W 10ADC	QA, TO	16.65	0.26	-0.90	-5	-0.08	-0.17	51	56	-8
10 41W 15CAD	QA, TO	19.86		-7.89	-8	-0.66	-0.28	97	105	-7
10 42W 21BBB	TO	101.46	-1.87	-15.96	-28	-1.33	-1.02	122	150	-19
10 42W 24BBA	TO	95.92	-1.09	-11.99	-23	-1.00	-0.82	108	131	-17

TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN NORTHWESTERN KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
TO, OGALLALA FORMATION; KN, NIOBRARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
KJ, UNDIFFERENTIATED LOWER CRETACEOUS AND UPPER JURASSIC DEPOSITS.

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
THOMAS COUNTY										
6 31W 3ADB	TO	119.11	-0.09	-3.91	-10	-0.33	-0.36	73	83	-12
6 31W 33CCD	QA, TO	28.12	0.33	-17.82	-10	-1.49	-0.36	103	113	-9
6 32W 12CBC	TO	116.42	-0.43	-2.35	-1	-0.20	-0.05	94	95	-1
6 32W 29CDC	TO	124.13	0.36	-13.06	-11	-1.09	-0.40	80	91	-12
6 32W 34CBC		89.83								
6 33W 27AAD	QA, TO								114	
6 33W 32DBB	QA, TO								97	
6 34W 10DD	TO	136.46			-1		-0.05			
6 34W 10DDA	TO	148.04	3.06	-8.46	-4	-0.71	-0.14	87	91	-4
6 34W 11CDD	TO								95	
6 34W 17CBC	TO	160.85	-4.37	-9.73	-10	-0.81	-0.35	97	107	-9
6 35W 2CDD	TO	128.60	0.20	-1.71	-12	-0.14	-0.41	121	133	-9
6 35W 26ACB	TO	152.78	-0.95	-3.13	-2	-0.26	-0.06	102	104	-2
6 36W 6BCD	TO	187.98		-10.33	-14	-0.86	-0.50	135	149	-9
6 36W 11ACC	TO	167.84	-1.34	-7.07	0	-0.59	0.01	112	112	0
6 36W 30DCB	TO	152.66	-0.26	-5.70	-1	-0.48	-0.02	154	155	0
6 36W 34DDB	TO	98.17	0.43	-4.56	1	-0.38	0.03	148	147	1
7 31W 10CA	TO	113.35	-6.53	-12.10	-5	-1.01	-0.19	133	138	-4
7 31W 26CCC	TO	115.16	-0.21	-11.60	-11	-0.97	-0.40	119	130	-9
7 32W 7ACA	TO	76.11	-0.76	-12.61	-8	-1.05	-0.29	70	78	-10
7 32W 13AAA	TO	115.55	-1.74	-14.98	-14	-1.25	-0.48	118	132	-10
7 33W 78DA	TO	154.14	0.35	-4.92	-13	-0.41	-0.47	100	113	-12
7 33W 21DBC	TO	113.55	-1.25	-9.97	-3	-0.83	-0.09	96	99	-3
7 33W 35ADD	TO	147.28	-1.94	-16.05	-16	-1.34	-0.58	105	121	-13
7 34W 8BBB	TO								110	
7 34W 25AAA	TO	111.04	0.64	-5.20	-5	-0.43	-0.18	129	134	-4
7 34W 26DBD	TO	108.15	0.04	-3.90	-4	-0.32	-0.15	122	126	-3
7 35W 10CCC	TO	128.30	-0.74	-9.02	-5	-0.75	-0.19	130	135	-4
7 36W 17CCC	TO	141.87	-0.40	-7.75	-3	-0.65	-0.10	125	128	-2
7 36W 35CBB	TO	90.51	-3.49	-8.80	-9	-0.73	-0.30	130	139	-6
8 31W 20CDD	TO	115.69	-7.73	-14.24	-18	-1.19	-0.63	104	122	-15
8 32W 7BAA	TO	112.77	-1.16	-13.91	-15	-1.16	-0.53	159	174	-8
8 32W 12DBC	TO	107.52	-1.03	0.72	2	0.06	0.09	109	107	2
8 32W 27DAB	TO	112.48	-2.33	-2.21	0	-0.18	-0.02	116	116	0
8 33W 2CDD	TO	135.70	-1.14	-12.70	-16	-1.06	-0.56	134	150	-10

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
THOMAS COUNTY CONTINUED										
8 33W 7AAB	TO	151.57	18.57	-8.49	-8	-0.71	-0.27	92	100	-8
8 33W 34BHC	TO	145.56	-6.60	-16.04	-16	-1.34	-0.56	51	67	-23
8 34W 18AC	TO	122.08	-0.62	-6.43	-9	-0.54	-0.32	148	157	-6
8 34W 6CBC	TO	138.85	-1.10	-3.95	-9	-0.33	-0.32	88	97	-9
8 34W 23CBD	TO	167.43	-1.45	-12.83	-5	-1.07	-0.19	68	73	-7
8 36W 18ABA2	TO	125.84	-0.49	-3.58	-1	-0.30	-0.03	107	108	-1
9 31W 10BBB	TO	85.69	-0.19	-2.74	-1	-0.23	-0.02	91	92	-1
9 31W 22ABD	TO								108	
9 31W 36AAB	TO	141.10	-4.21	-10.45	-11	-0.87	-0.40	68	79	-14
9 32W 9BDA	TO	69.49	-1.56	-2.70	-11	-0.22	-0.41	104	115	-10
9 32W 27BCD	TO	114.56	-2.32	-16.98	-18	-1.42	-0.63	92	110	-16
9 33W 7BBB	TO	131.67	-2.77	-15.83	-15	-1.32	-0.52	124	139	-11
9 33W 14AAB	TO								117	
9 33W 15ACC	TO	117.90	-2.73	-19.13	-18	-1.59	-0.64	130	148	-12
9 33W 26DAD		143.98								
9 33W 30CAA	TO	194.59	-1.11	-18.49	-34	-1.54	-1.20	85	119	-28
9 33W 31CDB	TO								179	
9 33W 35AAD	TO	147.78	-3.83	-18.88	-23	-1.57	-0.81	102	125	-18
9 35W 32DAA	TO	187.40	0.34	0.27	-5	0.02	-0.19	48	53	-10
10 31W 26AAA	QA, TO	9.24	-0.86	-4.16	2	-0.35	0.06	22	20	9
10 31W 29AAB	TO	87.70	-0.97	-5.60	-6	-0.47	-0.20	95	101	-6
10 32W 4CAB	TO	108.49	5.57	-5.39	-2	-0.45	-0.09	106	108	-2
10 32W 11BAA	TO	112.98	-2.59	-8.02	-3	-0.67	-0.11	58	61	-5
10 32W 29DCB	TO	91.00	-1.48	-10.52	-13	-0.88	-0.46	93	106	-12
10 33W 30BC	TO	140.60	10.00	-13.38	-21	-1.12	-0.74	113	134	-15
10 33W 6BHC	TO	181.38	-3.72		-45		-1.62	134	179	-25
10 33W 19CBD	TO	107.04	-3.28	-7.65	-7	-0.64	-0.25	59	66	-11
10 33W 27BBB	TO								65	
10 34W 1ABA	TO								163	
10 34W 12BCD	TO	173.52	0.22	-4.68	-17	-0.39	-0.59	123	140	-12
10 34W 14BCC	TO	142.22	0.08	-0.07	-4	-0.01	-0.15	52	56	-8
10 36W 7ACC	TO	172.72	-0.54		-18		-0.63			
10 36W 36ACC	TO	170.79	0.99	-2.14	-7	-0.18	-0.24	28	35	-19

TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN NORTHWESTERN KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
TO, OGALLALA FORMATION; KN, NIOBRARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
KJ, UNDIFFERENTIATED LOWER CRETACEOUS AND UPPER JURASSIC DEPOSITS.

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
WALLACE COUNTY										
11 38W 35CCC2	TO	140.67	-2.07	-64.67	-60	-5.39	-2.13	48	108	-55
11 42W 8DDC	TO	107.96	-0.86		-10		-0.36	56	66	-15
13 42W 10BAC	TO	38.00						12		

Table 2.--Changes in depth to water and saturated thickness,
west-central Kansas.

TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN WEST-CENTRAL KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
TO, OGALLALA FORMATION; KN, NIOBRARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
KJ, UNDIFFERENTIATED LOWER CRETACEOUS AND UPPER JURASSIC DEPOSITS.

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
GREELEY COUNTY										
16 39W 2BDC	TO	123.02	-3.37		-42		-1.50	97	139	-30
16 39W 4BAB	TO	133.90	9.00		-39		-1.39	86	125	-31
16 39W 15CBB	TO	125.70	-1.55		-30		-1.06	37	67	-44
16 39W 18BBC	TO	145.00	-3.24	-20.00	-27	-1.67	-0.96	55	82	-33
16 39W 22DCB	TO	123.30	-0.90	-34.50	-28	-2.88	-1.01	40	68	-42
16 39W 25CBB	TO	115.95	-2.32	-22.45	-16	-1.87	-0.57	51	67	-24
16 40W 2ABA	TO	109.40	-2.60	-28.90	-37	-2.41	-1.34	73	110	-34
16 40W 6BAA	TO	138.80	-2.30	-23.10	-35	-1.92	-1.24	103	138	-25
16 40W 15ACC	TO	144.60	-0.10	-24.70	-31	-2.06	-1.09	47	78	-39
16 40W 18DBA	TO								96	
16 40W 26ADA	TO	110.25	-1.77		-17		-0.62	47	64	-27
16 40W 35BBA	TO	93.88	2.62	-20.88	-18	-1.74	-0.64	31	49	-36
16 41W 5BBB	TO	167.20	-0.70		-39		-1.40	83	122	-32
16 41W 20BAD	TO	150.20	-0.77	-18.86	-21	-1.57	-0.76	84	105	-20
16 41W 23BBB	TO	142.60	5.74		-24		-0.84	78	102	-23
16 41W 33AAB	TO	161.35	-0.70		-5		-0.19	41	46	-12
16 42W 10CBC	TO	199.90	-1.22		-26		-0.92	30	56	-46
16 42W 22BCB	TO	197.40	-1.48	1.10	-14	0.09	-0.51	40	54	-27
17 39W 2BBA	TO	124.02			-22		-0.79	37	59	-37
17 39W 6CCD	TO	136.30	-0.95		-2		-0.08	44	46	-5
17 39W 14ADD	TO	115.30	-0.46		-7		-0.26	88	95	-8
17 39W 19DBB	TO	129.30	0.40		-4		-0.15	53	57	-8
17 39W 22ABB	TO	124.85	-0.63	-1.49	-7	-0.12	-0.24	70	77	-9
17 39W 34CCB	TO	94.50	0.90		1		0.02	41	40	1
17 40W 4DCB	TO	168.80	-0.40	-12.10	-17	-1.01	-0.60	18	35	-48
17 40W 15CCB	TO	136.00	-1.00	-8.95	-13	-0.75	-0.46	73	86	-15
17 40W 17BBA	TO	195.75	-12.76		-31		-1.10	21	52	-59
17 40W 31BBA	TO	185.80	2.30	-17.64	-35	-1.47	-1.24	32	67	-52
17 41W 1AAD	TO	119.10	-0.85	-2.10	1	-0.18	0.03	26	25	4
17 42W 27CBB	TO	40.40	-0.74		-9		-0.34	21	30	-31
18 39W 7BBB	TO	116.90	8.25		-8		-0.28	28	36	-22
18 39W 19CDA	TO	71.80	-1.42					28		
18 39W 23CCB	TO	131.70	-0.62	-9.50	-19	-0.79	-0.67	53	72	-26
18 39W 24AAC	TO	138.80	0.60		-34		-1.21	44	78	-43
18 40W 4CBD	TO	135.30	-2.15	-4.08	-10	-0.34	-0.37	26	36	-29

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
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GREELEY COUNTY CONTINUED

18 40W 6BBA	TO	142.70	1.62		-20		-0.70	44	64	-31
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TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN WEST-CENTRAL KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
TO, OGALLALA FORMATION; KN, NIobrARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
KJ, UNDIFFERENTIATED LOWER CRETACEOUS AND UPPER JURASSIC DEPOSITS.

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
LANE COUNTY										
16 29W 26CCD	TO								50	
16 30W 24DCC	TO								21	
16 30W 29CDD	TO	124.70	-0.93		-4		-0.13	49	53	-7
16 30W 34DAB	TO	120.60	-2.23		-5		-0.16	51	56	-8
17 27W 20CCC	TO	97.50	-1.10		-14		-0.48	30	43	-31
17 27W 26CCC	TO	94.70	0.90		-15		-0.52	32	47	-31
17 28W 7BBB	TO	94.50	-1.54		-12		-0.41	76	87	-13
17 28W 15BBC	TO	101.00	1.02		-17		-0.61	49	66	-26
17 28W 26ABB	TO	99.50	1.00	-11.22	-15	-0.94	-0.52	41	55	-26
17 28W 34CBB	TO	88.30	3.20		-10		-0.37	44	54	-19
17 29W 38DC	TO	109.50	0.13		-8		-0.27	47	54	-14
17 29W 6CCB	TO	118.10	-1.64		-15		-0.54	55	70	-22
17 29W 28DCD	TO	74.00	0.45		-6		-0.21	49	55	-11
17 29W 36BAA	TO	81.00	-0.68		-11		-0.39	38	49	-22
17 30W 5AAC	TO	114.80	-0.13		-7		-0.24	60	67	-10
17 30W 13CBB	TO	87.40	-0.31	-3.46	-3	-0.29	-0.12	64	67	-5
17 30W 20BBB	TO	95.20	1.00		-8		-0.29	70	78	-11
17 30W 22ACA	TO	82.40	-0.20		-6		-0.23	62	68	-9
18 27W 13CCC	TO	86.30		-0.19	2	-0.02	0.06	9	7	24
18 28W 18ACC	TO	63.70	3.20		-13		-0.45	31	44	-29
18 29W 4DAD	TO	63.70	1.10		-8		-0.27	46	54	-14
18 30W 2AAA	TO	87.10	-3.89		-19		-0.68	37	56	-34
18 30W 4BAB	TO	70.70	-1.16		-2		-0.06	54	56	-3
18 30W 23AAA	TO								95	

TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN WEST-CENTRAL KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
TO, OGALLALA FORMATION; KN, NIOBRARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
KJ, UNDIFFERENTIATED LOWER CRETACEOUS AND UPPER JURASSIC DEPOSITS.

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
SCOTT COUNTY										
16 31W 17D00	TO	118.24			0		-0.01	43	43	-1
16 31W 23CCC	TO	122.50	11.44		-3		-0.09	52	54	-5
16 31W 31BCB	TO	138.88	0.52	-10.45	-12	-0.87	-0.42	29	41	-29
16 32W 23BCD	TO	141.75	7.19	-0.96	-6	-0.08	-0.21	29	35	-16
16 33W 7CCC	TO	155.89	-0.82	-12.25	-26	-1.02	-0.92	37	63	-41
16 33W 19CBB	TO	157.31	-0.61	-16.60	-33	-1.38	-1.19	35	68	-49
16 33W 21BCC	TO	163.95	-0.78	-12.35	-19	-1.03	-0.68	24	43	-44
16 33W 24DAB	TO	11.30	-0.16	-0.89	-5	-0.07	-0.19	47	52	-10
16 33W 25BCC	TO	10.20	-0.51		-5		-0.19	74	79	-7
16 33W 31CBB	TO	145.83	-2.37	-16.79	-29	-1.40	-1.03	57	86	-34
16 33W 33BAA	TO								64	
16 34W 9CCB	TO	151.42	-2.93	-17.90	-33	-1.49	-1.19	30	63	-53
16 34W 13BCB	TO	156.12	-1.23		-27		-0.97	31	58	-47
16 34W 20DBC	TO	156.17	-1.58	-25.33	-38	-2.11	-1.36	34	72	-53
16 34W 22BDC	TO	158.16	-1.87	-21.46	-45	-1.79	-1.61	38	83	-54
16 34W 29CBB	TO	156.18	-0.75	-22.06	-37	-1.84	-1.33	44	81	-46
16 34W 31BBB2	TO								80	
16 34W 34CBB	TO	154.06	-1.33	-24.56	-40	-2.05	-1.43	36	76	-53
17 31W 4DCC	TO	121.16	0.80		-4		-0.15	49	53	-8
17 31W 14CCD	TO	104.57	-1.69		-11		-0.38	59	70	-15
17 31W 17DAA	TO	111.60	6.19	-0.14	0	-0.01	0.01	79	79	1
17 31W 25BCC	TO	97.34		-7.55	-9	-0.63	-0.33	73	82	-11
17 31W 31BBB	TO	107.54	-2.07		-21		-0.73	70	91	-23
17 31W 35CCB	TO	94.12	0.93		-8		-0.29	53	61	-13
17 32W 5ABB	TO								101	
17 32W 11DAA	TO								49	
17 32W 16BBB	TO	126.90	-6.79		-39		-1.39	104	143	-27
17 32W 27BBB	TO	131.30	-1.76	-24.21	-36	-2.02	-1.30	49	85	-43
17 32W 31BCB	TO	114.54	-3.61	-25.85	-47	-2.15	-1.66	130	177	-26
17 32W 34CAA	TO								74	
17 33W 78BBB	TO	146.76	-1.55	-12.18	-35	-1.02	-1.24	55	90	-39
17 33W 13DDD	TO	119.11	-1.59		-40		-1.43	122	162	-25
17 33W 14ACB	TO	129.86	-1.81		-37		-1.32	84	121	-30
17 33W 16ABC	TO								87	
17 33W 28CDA	TO	131.98	-6.12	-31.99	-48	-2.67	-1.71	58	106	-45

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
SCOTT COUNTY CONTINUED										
17 34W 68CB	TO	136.70	-1.48	-18.15	-29	-1.51	-1.03	57	86	-33
17 34W 16ACB	TO	121.99	0.32	-9.86	-15	-0.82	-0.54	72	87	-17
17 34W 250BB	TO	131.17	-0.57	-16.59	-28	-1.38	-1.01	58	86	-33
17 34W 27ABA	TO	119.38	-0.50		-17		-0.62	69	86	-20
17 34W 28CCB	TO	123.09	0.70	-15.32	-25	-1.28	-0.90	61	86	-29
18 31W 20ABA	TO								55	
18 31W 24BCB	TO	76.82	-1.64		-9		-0.31	33	42	-21
18 31W 27ABA	TO	69.65	0.35		0		0.01	35	35	1
18 32W 14BBB	TO	109.02	0.84	-10.55	-24	-0.88	-0.86	66	90	-27
18 32W 17ABA	TO	101.72	-1.85	-23.65	-40	-1.97	-1.42	38	78	-51
18 32W 20CBH	TO	85.03	-1.53	-25.92	-42	-2.16	-1.50	94	136	-31
18 33W 3CCB	TO	113.32	0.84	-30.17	-42	-2.51	-1.51	69	111	-38
18 33W 5CCC	TO	93.80	9.12	-9.04	-19	-0.75	-0.67	25	44	-43
18 33W 11ABB	TO	103.08	-0.15		-48		-1.72	96	144	-33
18 33W 20CCD	TO	97.20	0.34	-8.45	-28	-0.70	-1.01	20	48	-59
18 33W 26DAD2	QA, TO	69.05	-1.25	-22.05	-39	-1.84	-1.39	99	138	-28
18 33W 34BOA	TO								96	
18 33W 35AAA	QA, TO	56.09	-1.34	-26.05	-39	-2.17	-1.40	88	127	-31
18 34W 1CBH	TO	116.76	-0.91	-9.24	-21	-0.77	-0.74	49	70	-30
18 34W 5CBH	TO	109.81	-1.06		-22		-0.78	58	80	-27
18 34W 9CDD2	TO	107.38	-2.33		-17		-0.62	56	73	-24
18 34W 18BBB	TO	112.52	-5.92	-19.72	-34	-1.64	-1.20	27	61	-55
18 34W 25BBB	TO	108.79	6.07	-12.94	-19	-1.08	-0.67	23	42	-45
18 34W 30DDC	TO	138.56		-39.21	-56	-3.27	-1.98			
18 34W 34BBC	TO	118.01		-17.36	-28	-1.45	-1.00	42	70	-40
19 31W 20BAD	KN	77.15	0.23							
19 32W 6CCB	QA, TO	54.43	-1.47		-33		-1.19	145	178	-19
19 32W 32ACB		81.26	1.93		-12		-0.44	123	135	-9
19 33W 6DBB	TO	65.57	1.34		-7		-0.23	51	58	-11
19 33W 12DDC	QA, TO	47.28	-1.45	-17.72	-22	-1.48	-0.80	153	175	-13
19 33W 15DBD	TO	103.20	-1.79	-32.30	-47	-2.69	-1.69	29	76	-62
19 33W 21AAD	TO	106.25	-1.03		-49		-1.76	18	67	-74
19 33W 24ABB	QA, TO	58.95	-0.42	-11.79	-23	-0.98	-0.82	160	183	-13
19 33W 25DCD	QA, TO	81.82	-0.50	-22.12	-40	-1.84	-1.42	132	172	-23
19 33W 29CBB2	QA, TO	119.89	5.79	-18.89	-44	-1.57	-1.57	54	98	-45

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
SCOTT COUNTY CONTINUED										
19 33W 34DCC	QA,TO	94.90	-0.90	-15.50	-45	-1.29	-1.60	67	112	-40
19 34W 16AAD	TO								30	
19 34W 34BBB	TO	123.70			-8		-0.27	16	24	-32
20 31W 14CBC	QA,TO	36.90	-9.84					53		
20 32W 7CBA	QA,TO								171	
20 32W 16DAD	TO	119.49			-62		-2.23	36	98	-64
20 32W 21BBC	TO								113	
20 32W 30BCD	TO	75.25	-1.18		-50		-1.79	112	162	-31
20 32W 32DCC	QA,TO	62.83	15.69	-13.80	-26	-1.15	-0.92	112	138	-19
20 33W 2DBB	QA,TO	92.85	1.61	-16.24	-43	-1.35	-1.53	62	105	-41
20 33W 5BAB	TO	112.76	-0.26		-46		-1.63	12	58	-79
20 33W 9BBB	TO	93.63	0.18	-9.12	-34	-0.76	-1.20	34	68	-49
20 33W 10DBC	QA,TO	108.40	-2.76		-58		-2.09	69	127	-46
20 33W 17BAB	TO	111.52	-2.34	-26.67	-50	-2.22	-1.77	20	70	-71
20 33W 21ABD	QA,TO								99	
20 33W 26CBB3	TO	94.53	-0.58		-52		-1.84	58	110	-47
20 33W 35DBA	QA,TO	83.14	1.87	-29.85	-43	-2.49	-1.54	64	107	-40
20 34W 2DBC	TO	79.85	0.18	-5.55	-10	-0.46	-0.35	29	39	-25
20 34W 15BAA	TO	102.80	-0.31		-6		-0.21	35	41	-14
20 34W 36CCD	TO	80.19	0.12		-27		-0.97	27	54	-50

TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN WEST-CENTRAL KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
TO, OGALLALA FORMATION; KN, NIOBRARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
KJ, UNDIFFERENTIATED LOWER CRETACEOUS AND UPPER JURASSIC DEPOSITS.

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO	WATER-LEVEL	WATER-LEVEL	WATER-LEVEL	AVERAGE	AVERAGE	SATURATED	SATURATED	PERCENT
		WATER IN	CHANGE	CHANGE	CHANGE	WATER-LEVEL	WATER-LEVEL	THICKNESS	THICKNESS	CHANGE IN
		1978	1977-78	1966-78	1950-78	CHANGE	CHANGE	IN 1978	IN 1950	SATURATED
		(FEET)	(FEET)	(FEET)	(FEET)	(FEET/YEAR)	(FEET/YEAR)	(FEET)	(FEET)	THICKNESS
										1950-78
WALLACE COUNTY										
13 43W 36ABB	TO	169.90	-1.41	-20.82	-21	-1.73	-0.75	100	121	-17
14 38W 21DCC	TO	81.52	-0.14	-1.37	0	-0.11	0.02	12	12	4
14 38W 29CCC	TO	92.05	-0.45		-9		-0.32	59	68	-13
14 39W 36BCB	TO	135.90	-0.36	-18.70	-32	-1.56	-1.14	51	83	-38
14 40W 16CBC	TO								68	
14 40W 23ADD	TO								102	
14 40W 29ABA	TO								93	
14 41W 18DCB	TO	139.50	-5.20		-34		-1.20	248	281	-12
14 41W 22BBB	TO	111.60	-1.37	-25.47	-28	-2.12	-0.99	106	134	-21
14 41W 28DCA	TO	132.00	15.39		-20		-0.71	282	302	-7
14 41W 30DDC	TO	168.80	3.02		-38		-1.35	99	137	-28
14 42W 2AAB	TO	170.50	-2.38	-19.60	-28	-1.63	-0.98	230	257	-11
14 42W 10BBA	TO	166.50	-2.46		-34		-1.20	237	270	-12
14 42W 14DBD	TO	137.40	-5.33	-19.95	-36	-1.66	-1.30	263	299	-12
14 42W 22BDD	TO	164.00	-2.78		-31		-1.11	268	299	-10
14 42W 30BCA	TO	185.80	-0.64	-26.20	-31	-2.18	-1.10	200	231	-13
15 38W 5CCB	TO	101.30	-0.55		-25		-0.90	43	68	-37
15 38W 7BBB	TO	130.10	-1.76	-24.16	-40	-2.01	-1.43	48	88	-46
15 38W 14CCD	TO	100.20	-0.98	-19.07	-30	-1.59	-1.08	50	80	-38
15 38W 18CCC	TO	140.55	-2.38		-51		-1.81	35	86	-59
15 38W 21CBC	TO	128.77	-2.00	-26.22	-44	-2.19	-1.56	51	95	-46
15 38W 28DBB	TO	140.57	-1.64	-34.26	-59	-2.85	-2.09	61	120	-49
15 38W 30CCB	TO	141.95	-3.32	-33.22	-57	-2.77	-2.03	90	147	-39
15 38W 36CBB	TO	111.25	-1.40	-30.39	-35	-2.53	-1.26	42	77	-46
15 39W 28CD	TO	152.10	0.59	-27.02	-43	-2.25	-1.54	43	86	-50
15 39W 6CBA	TO	149.16	-2.35	-30.36	-43	-2.53	-1.54	74	117	-37
15 39W 8ACC	TO	158.90	-0.74	-28.96	-46	-2.41	-1.64	63	109	-42
15 39W 15DBA	TO	155.00	-1.44		-45		-1.61	50	95	-47
15 39W 26ACC	TO	139.03	-2.23	-27.46	-49	-2.29	-1.75	100	149	-33
15 39W 28BBD	TO	104.76	-2.89	-28.51	-40	-2.38	-1.42	95	135	-29
15 40W 3BAB	TO	111.52	-2.73	-26.46	-26	-2.21	-0.91	142	168	-15
15 40W 7BBB	TO	143.10	-1.82	-26.40	-26	-2.20	-0.93	117	143	-18
15 40W 9DCB	TO	118.42	-1.82	-27.62	-33	-2.30	-1.19	143	176	-19
15 40W 13BAA	TO	138.50	0.29	-26.55	-35	-2.21	-1.23	104	138	-25
15 40W 14CCC	TO	112.75	-0.87		-32		-1.13	145	177	-18

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
WALLACE COUNTY CONTINUED										
15 40W 20BBD	TO	122.48	-0.23		-28		-1.02	149	177	-16
15 40W 26CAB	TO	124.10	-1.26	-22.05	-24	-1.84	-0.86	121	145	-17
15 40W 30DBB	TO	140.82		-26.13	-32	-2.18	-1.14	124	156	-20
15 41W 5ACB	TO	170.13	3.72	-22.93	-34	-1.91	-1.22	65	99	-34
15 41W 10BAB	TO	190.23	-1.32	-26.44	-33	-2.20	-1.19	74	107	-31
15 41W 27CBC	TO	179.38	-2.60		-34		-1.23	86	120	-29
15 41W 29CAC	TO	202.92	-0.19		-43		-1.53	27	70	-61
15 41W 36DDB	TO	135.60	-1.25	-22.43	-32	-1.87	-1.13	129	161	-20
15 42W 28BB	TO	193.80	-0.27	-26.85	-35	-2.24	-1.24	31	66	-53
15 42W 9BDD	TO	201.60	-1.17	-15.00	-20	-1.25	-0.70			
15 42W 16ADC	TO								10	
15 42W 32BDA	TO	245.35	-2.16	-11.45	-29	-0.95	-1.05	26	55	-53
15 42W 36CDC	TO	238.66	0.60	-24.48	-45	-2.04	-1.60	31	76	-59

TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN WEST-CENTRAL KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
TO, OGALLALA FORMATION; KN, NIOBRARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
KJ, UNDIFFERENTIATED LOWER CRETACEOUS AND UPPER JURASSIC DEPOSITS.

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
WICHITA COUNTY										
16 35W 1DCD	TO	86.45	-0.05	-6.85	-8	-0.57	-0.30	23	31	-27
16 35W 6AAB	TO	80.56	2.45	0.98	-10	0.08	-0.34	37	47	-20
16 35W 13CCC	TO	150.10	-1.16	-23.50	-32	-1.96	-1.15	20	52	-62
16 35W 20CCC	TO	153.20	0.99	-28.52	-50	-2.38	-1.79	36	86	-58
16 35W 27BBC	TO								59	
16 35W 31DBA	TO	138.63	1.30	-24.03	-42	-2.00	-1.49	53	95	-44
16 36W 3DCC	TO	121.85	-1.54		-35		-1.24	16	51	-68
16 36W 7BCB	TO	106.40	0.70	-14.60	-26	-1.22	-0.94	34	60	-44
16 36W 14CCD	TO	135.73	1.21	-20.98	-48	-1.75	-1.70	68	116	-41
16 36W 17ABC	TO	129.11	-1.37	-30.61	-46	-2.55	-1.65	28	74	-62
16 36W 21CCC	TO	145.06	-6.17	-45.16	-61	-3.76	-2.18	60	121	-50
16 36W 25BBB	TO	142.76	2.30	-22.18	-48	-1.85	-1.71	59	107	-45
16 36W 30CBC	TO	144.59	-2.19	-35.29	-58	-2.94	-2.06	73	131	-44
16 36W 34CCC	TO	128.45	-3.25	-26.15	-38	-2.18	-1.37	59	97	-40
16 36W 35CCC	TO	130.67	-1.92	-24.47	-36	-2.04	-1.27	70	106	-34
16 36W 36CBC	TO	126.55	-1.80	-21.10	-36	-1.76	-1.27	73	109	-33
16 37W 4DCC	TO	118.35	-0.95		-38		-1.37	31	69	-56
16 37W 13BBC	TO	122.45	-1.43	-29.75	-44	-2.48	-1.59	29	73	-61
16 37W 15CCC	TO	141.00	-1.16	-34.30	-58	-2.86	-2.07	63	121	-48
16 37W 17BBB	TO	137.90	-4.05	-36.90	-52	-3.07	-1.85	56	108	-48
16 37W 27ABC	TO	145.96	-3.20	-34.06	-58	-2.84	-2.07	64	122	-48
16 37W 29BBB	TO	145.20	-1.60	-41.40	-59	-3.45	-2.11	74	133	-45
16 37W 30ACB	TO	146.40	-1.72	-34.20	-58	-2.85	-2.09	54	112	-52
16 38W 5BBB	TO	142.30	-1.55	-38.30	-55	-3.19	-1.97	80	135	-41
16 38W 10ABB	TO	134.40	-0.70	-38.04	-51	-3.17	-1.84	74	125	-41
16 38W 16ACC	TO	127.70	-2.17	-38.48	-55	-3.21	-1.95	86	141	-39
16 38W 19BBA	TO	119.00	-3.85		-39		-1.39	61	100	-39
16 38W 26BBB	TO	131.60	9.15	-19.58	-57	-1.63	-2.02	65	122	-46
16 38W 29ADB	TO	124.50	-1.40	-32.23	-45	-2.69	-1.59	56	100	-45
17 35W 2BBB	TO	145.10	-0.53		-36		-1.29	44	80	-45
17 35W 15CDC	TO	128.10	-2.45	-18.10	-30	-1.51	-1.08	76	106	-28
17 35W 18ACB	TO	134.34	0.02	-23.54	-37	-1.96	-1.33	61	98	-38
17 35W 27CCC	TO	144.18	-3.19	-34.58	-53	-2.88	-1.90	66	119	-45
17 35W 30CBB	TO	156.24	-1.80	-29.64	-62	-2.47	-2.22	62	124	-50
17 36W 5CCD	TO								92	

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
WICHITA COUNTY CONTINUED										
17 36W 10CBH	QA, TO	49.47	-0.95		-20		-0.73	48	68	-30
17 36W 20DDH	TO	81.26	-0.99	-24.46	-33	-2.04	-1.19	63	96	-35
17 36W 23BCC	TO	152.46	0.64	-27.11	-52	-2.26	-1.87	76	128	-41
17 36W 33BCB	TO	137.80	-0.63	-24.50	-40	-2.04	-1.42	70	110	-36
17 36W 36BBH	TO	153.73	-0.97	-28.63	-60	-2.39	-2.13	62	122	-49
17 37W 3AAB	TO	130.22	0.77	-26.19	-41	-2.18	-1.47	54	95	-43
17 37W 8BAA	TO	123.80	-2.68	-22.60	-40	-1.88	-1.42	72	112	-36
17 37W 13CDD	TO	95.15	2.35		-25		-0.90	80	105	-24
17 37W 22CCC	TO	128.80	-3.52	-24.41	-37	-2.03	-1.31	66	103	-36
17 37W 28CCC	TO	127.00	-0.89	-28.60	-42	-2.38	-1.50	63	105	-40
17 38W 18AA	TO	122.50	-0.45	-14.08	-38	-1.17	-1.34	63	100	-38
17 38W 6BDD	TO								59	
17 38W 10AAB	TO	111.90	1.33		-29		-1.03	98	127	-23
17 38W 12DCB	TO								103	
17 38W 21BBH	TO	121.20	-1.90	-20.82	-21	-1.73	-0.76	44	65	-33
17 38W 24ACC	TO								124	
17 38W 27ACD	TO	132.30	-1.40		-37		-1.33	42	79	-47
17 38W 28CCC	TO	138.70	-1.98	-25.07	-34	-2.09	-1.20	51	85	-40
18 35W 2ACC	TO	129.25		-25.25	-41	-2.10	-1.47	41	82	-50
18 35W 8BBC2	TO								104	
18 35W 14DCD	TO	113.15	1.66	-22.03	-33	-1.84	-1.18	24	57	-58
18 35W 17DAA	TO								78	
18 35W 34ABH	TO	121.10	-1.00	-23.20	-36	-1.93	-1.29	22	58	-62
18 36W 2DCB	TO	124.74	-1.63	-20.77	-35	-1.73	-1.24	73	108	-32
18 36W 9BBH	TO	128.71	-1.93	-27.67	-48	-2.31	-1.70	66	114	-42
18 36W 15DAD	TO	82.20	1.10		-22		-0.79	83	105	-21
18 36W 18DDC	TO	124.20	-0.96	-34.18	-42	-2.85	-1.51	50	92	-46
18 36W 29ABH	TO								86	
18 36W 36CCC	TO	76.50	-0.74	-6.90	-7	-0.57	-0.23	44	50	-13
18 37W 18BH	TO	136.43	-3.58	-28.02	-56	-2.34	-2.02	38	94	-60
18 37W 3CCC	TO	140.92	0.01		-51		-1.82	60	111	-46
18 37W 5CBH	TO	146.30	0.60		-57		-2.05	50	107	-54
18 37W 14BBH	TO	126.88	7.72		-54		-1.92	63	117	-46
18 37W 19AAD	TO	140.16	6.11	-31.61	-54	-2.63	-1.93	27	81	-67
18 37W 21BBH	TO	152.46	1.87	-38.81	-67	-3.23	-2.41	23	90	-75

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1950-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-78
WICHITA COUNTY CONTINUED										
18 37W 348BB	TO	92.90	-1.71	-22.20	-31	-1.85	-1.10	37	68	-45
18 37W 36ABB	TO	104.40	-1.30	-15.07	-28	-1.26	-1.01	51	79	-36
18 38W 28CC	TO	146.20	-2.82	-30.45	-51	-2.54	-1.83	53	104	-49
18 38W 88BD	TO	122.30	-2.80		-40		-1.44	60	100	-40
18 38W 12BCC	TO	153.50	-3.14	-36.10	-63	-3.01	-2.23	49	111	-56
18 38W 20ACC2	TO	131.40	-0.10	-22.69	-41	-1.89	-1.48	38	79	-52
18 38W 23BAB	QA, TO								85	
18 38W 31DBC	TO								39	
18 38W 36DDD	TO	83.50	-1.35	-1.09	-6	-0.09	-0.20	46	51	-11
19 35W 1AAA	TO	114.06	5.98	-13.81	-31	-1.15	-1.11	20	51	-61
19 35W 88BB	TO	92.15	2.22		-7		-0.26	43	50	-14
19 35W 29BCB	TO	37.24	-1.07		-5		-0.19			
19 36W 15BAA	TO	77.93	-0.50		-7		-0.25	34	41	-17
19 37W 22AAB	TO	107.30	5.06		-9		-0.33	31	40	-23
19 38W 14AAB	TO	97.00	3.89		-2		-0.07	63	65	-3
19 38W 18DCC	TO	131.90	0.83		-12		-0.42	48	60	-20
19 38W 26CCB	TO	105.10			-9		-0.33	68	77	-12
19 38W 31CBC	TO	138.60	0.67		1		0.05	66	65	2
20 35W 15BCB	QA, TO	56.70	0.60	-1.08	1	-0.09	0.05	23	22	6
20 36W 14DAD	TO	98.35	2.53	-4.15	-4	-0.35	-0.16	10	14	-31
20 37W 29DCC	TO	116.10	1.24		-18		-0.65	23	41	-44
20 38W 17CBD	TO	143.30	3.98		-8		-0.30	89	97	-9
20 38W 33BBA	TO	140.30		-6.30	-14	-0.52	-0.51	65	79	-18

Table 2.--Changes in depth to water and saturated thickness,
southwestern Kansas.

TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN SOUTHWESTERN KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
TO, OGALLALA FORMATION; KN, NIOBRARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
KJ, UNDIFFERENTIATED LOWER CRETACEOUS AND UPPER JURASSIC DEPOSITS.

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1940-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-78
FINNEY COUNTY										
21 29W 36CCB	QA	22.71	-1.36	-4.96	-6	-0.41	-0.15	0	6	-95
21 30W 5BBB	QU,TO	38.34	-0.66	-9.72	-3	-0.81	-0.09	40	43	-8
21 31W 8ABB	QU,TO	47.20	0.17	1.36	8	0.11	0.21	26	18	43
21 32W 8ABD	QU	80.91	0.89	-39.58	-45	-3.30	-1.18	69	114	-39
21 32W 20CBD	QU,TO	77.47	-4.37	-32.36	-46	-2.70	-1.22	123	169	-27
21 32W 26DAA	QU,TO								75	
21 33W 2ACB	QU	68.20	0.56	-28.94	-41	-2.41	-1.08	93	134	-31
21 33W 7DDA	QU	68.23	-1.61	-19.93	-35	-1.66	-0.93	27	62	-57
21 33W 31CBH2	QU,TO	79.10	-2.80	-46.77	-49	-3.90	-1.29	21	70	-70
21 34W 14DBB	KN	97.11	7.74	-28.09		-2.34				
21 34W 16AAD2	QU,TO	94.21	3.49	1.15	-14	0.10	-0.37	26	40	-36
22 27W 14ADC	KJ	176.69	0.17							
22 31W 12CDC2	QU,TO	92.13	-2.63	-6.78	-9	-0.56	-0.24	43	52	-18
22 31W 16ADD	QU,TO	97.75	0.57	-12.22	-14	-1.02	-0.36	83	97	-14
22 31W 35ABB	QU,TO	94.94	-1.45	-14.50	-23	-1.21	-0.60	54	77	-30
22 32W 8ACB	QU,TO	67.70	-1.82	-27.70	-35	-2.31	-0.91	156	191	-18
22 32W 21CCD	QU,TO	99.75	-0.15	-33.28	-42	-2.77	-1.10	98	140	-30
22 33W 30BC	QU,TO	80.40	-1.06	-47.35	-47	-3.95	-1.25	118	165	-29
22 33W 17ADB	KN	78.00	-4.56							
22 33W 17DCD2	QU,TO	103.90	-3.85	-61.60	-71	-5.13	-1.87	37	108	-66
22 33W 22BAA	QU,TO	76.70	3.20	-29.52	-37	-2.46	-0.97	113	150	-24
22 33W 32CBC	QU,TO	147.45	-4.10	-64.95	-94	-5.41	-2.49	116	210	-45
22 33W 36AAA2	QU,TO	57.45	4.92	-35.87	-43	-2.99	-1.14	143	186	-23
22 34W 8BCB	KN	130.10	17.30	-21.20		-1.77				
22 34W 10AAA	QU,TO	104.82	-1.82	-45.58	-62	-3.80	-1.63	48	110	-56
22 34W 26ADD	QU,TO	131.53	-4.73	-59.92	-89	-4.99	-2.33	71	160	-55
22 34W 32BCB	QU,TO	154.60	-6.90	-60.49	-87	-5.04	-2.28	80	167	-52
23 27W 12CCC	QU,TO	63.28	-1.48	-0.76	-4	-0.06	-0.11	9	13	-33
23 27W 22DAB	QU,TO	82.59	1.78							
23 28W 22DCD	QU,TO									
23 28W 34DDC	QU,TO	89.45	-0.70							
23 29W 30BBB	QU,TO	76.81	-0.05							
23 29W 34CDD	TO	94.75	-7.59	-10.75	-11	-0.90	-0.28	52	63	-17
23 30W 4CAC	QU,TO	65.31	9.83							
23 30W 19CCB	QU,TO	83.47	-0.30	-1.27	6	-0.11	0.15	59	53	10

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1940-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-78
FINNEY COUNTY CONTINUED										
23 31W 30CD	QU,TO	98.00	0.64	-14.97	-26	-1.25	-0.68	69	95	-27
23 31W 35CCC	QU,TO								105	
23 32W 11ADC	QU,TO	142.76	-5.68	-20.01	-26	-1.67	-0.68	99	125	-21
23 32W 18BCD	QU,TO	64.00	40.10	-17.86	-29	-1.49	-0.76	226	255	-11
23 32W 19CB	QU,TO	94.10	16.80	-49.35	-58	-4.11	-1.53	216	274	-21
23 32W 22DAB	QU,TO	136.74	-0.74	-27.63	-37	-2.30	-0.97	136	173	-21
23 32W 31CA	QU,TO	86.50	7.90	-37.10	-46	-3.09	-1.20	238	283	-16
23 32W 35DBA	QU,TO								187	
23 33W 10DCC	QU,TO	105.70	11.10	-68.10	-81	-5.68	-2.12	199	280	-29
23 33W 17BBB	QU,TO	122.41	19.07	-62.07	-96	-5.17	-2.54	218	314	-31
23 33W 26ABB	QU,TO	102.80	28.30	-52.40	-61	-4.37	-1.60	224	285	-21
23 33W 28CDC	QU,TO								293	
23 33W 32ABB	QU,TO	110.78	-2.97	-45.44	-62	-3.79	-1.63	239	301	-21
23 34W 1DCD	QU,TO	146.57	13.23	-64.87	-101	-5.41	-2.65	187	288	-35
23 34W 3BCB	QU,TO	142.54	-2.99	-66.54	-93	-5.55	-2.44	160	253	-37
23 34W 9DBB	QU,TO	125.41	1.44	-61.03	-85	-5.09	-2.25	208	293	-29
23 34W 14BDC	QU,TO	128.66	15.54	-65.56	-90	-5.46	-2.36	201	291	-31
23 34W 17CCC	QU,TO	126.11	2.86	-56.04	-80	-4.67	-2.11	223	303	-26
23 34W 21DDC	QU,TO	127.43	2.67	-55.79	-86	-4.65	-2.27	229	315	-27
23 34W 26CCC	QU,TO	120.55	2.02	-47.25	-67	-3.94	-1.75	223	290	-23
23 34W 28CDA	QU,TO	120.50	2.17	-49.55	-75	-4.13	-1.96	244	318	-23
24 31W 11DBD	QU,TO	125.40	0.78	-10.11	-11	-0.84	-0.30	116	127	-9
24 31W 27CCB	QU,TO	124.60		-5.04	-11	-0.42	-0.28	170	181	-6
24 31W 31BCD	QA								224	
24 32W 3DAC	QU,TO	96.50	-2.16	-15.56	-27	-1.30	-0.70	203	229	-12
24 32W 5BCB	QU,TO								268	
24 32W 25CBB2	QA	14.52	-0.03		-6		-0.15	215	221	-2
24 32W 29AC	QA	49.62	-2.96	-20.73	-15	-1.73	-0.38	245	260	-6
24 32W 35DD	QU,TO	34.90	0.25	-7.61	-14	-0.63	-0.37	221	235	-6
24 33W 9CCD	QU								344	
24 33W 9CCD2	QA								344	
24 33W 14BCB	QU,TO								326	
24 33W 21CAB	QU,TO	97.60	-6.95		-38		-0.99	317	355	-11
24 33W 22DCA	QU,TO	98.55	-7.71		-28		-0.73	306	334	-8
24 33W 23BCA	QA	19.80	8.14	-9.23	-4	-0.77	-0.10	327	331	-1

FINNEY COUNTY CONTINUED

[illegible]

TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN SOUTHWESTERN KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
TO, OGALLALA FORMATION; KN, NIOBRARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
KJ, UNDIFFERENTIATED LOWER CRETACEOUS AND UPPER JURASSIC DEPOSITS.

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1940-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-78
FORD COUNTY										
25 26W 25CDD	TO	74.80			4		0.11	112	108	4
25 26W 30ABC	TO	109.23			-5		-0.14	116	121	-4
26 26W 32ADD	TO	48.32			-5		-0.14	80	85	-6
26 26W 36DCC	TO	35.18			-4		-0.11	133	137	-3
27 23W 36CCC	TO	41.55			4		0.12	105	101	4
27 24W 26DAA	TO	84.45			-5		-0.14	107	112	-5
27 26W 21DAA	TO	161.59			-2		-0.04	37	39	-4
28 21W 10DDD	TO	38.99			2		0.05	50	48	4
28 22W 12CAC	TO	57.25			9		0.23	38	29	30
28 22W 32BAB	TO	120.11			1		0.02	41	40	2
28 24W 9CBC	TO	129.74			-5		-0.12	97	102	-5
28 25W 19BBB	TO	142.17			-9		-0.24	123	132	-7
28 26W 6AAB	TO	142.35			-9		-0.25	53	62	-15
29 22W 17DAD	TO	124.88			-6		-0.15	115	121	-5
29 23W 16CAA	TO	201.52			-3		-0.07	126	129	-2
29 24W 1ABA	TO								80	
29 24W 18BAA	TO	157.50			-9		-0.22	53	61	-14
29 25W 3ADA	TO	174.08			-22		-0.58	61	83	-27
29 26W 1CDD	TO	89.95			-12		-0.31	73	85	-14
29 26W 36BBB	TO	23.02			3		0.08	189	186	2

TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN SOUTHWESTERN KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
TO, OGALLALA FORMATION; KN, NIOBRARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
KJ, UNDIFFERENTIATED LOWER CRETACEOUS AND UPPER JURASSIC DEPOSITS.

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO	WATER-LEVEL	WATER-LEVEL	WATER-LEVEL	AVERAGE	AVERAGE	SATURATED	SATURATED	PERCENT
		WATER IN	CHANGE	CHANGE	CHANGE	WATER-LEVEL	WATER-LEVEL	THICKNESS	THICKNESS	CHANGE IN
		1978	1977-78	1966-78	1940-78	CHANGE	CHANGE	IN 1978	IN 1940	THICKNESS
		(FEET)	(FEET)	(FEET)	(FEET)	(FEET/YEAR)	(FEET/YEAR)	(FEET)	(FEET)	1940-78
GRANT COUNTY										
27 35W 17ADD	QU,TO	212.55	-4.05	-26.82	-38	-2.23	-0.99	249	287	-13
27 36W 18DCB	QU,TO	163.95	-4.99	-47.45	-60	-3.95	-1.58	231	291	-21
27 36W 25CC	QU,TO	276.03	-3.91	-22.38	-60	-1.86	-1.58	162	222	-27
27 37W 4ABB	QU,TO	143.95	-3.81	-57.50	-74	-4.79	-1.95	172	246	-30
27 37W 11ABA	QU,TO	180.86	-11.33	-49.37	-74	-4.11	-1.94	187	261	-28
27 37W 22BBB	QU,TO,KJ	146.70	0.20	-57.77		-4.81				
27 37W 29CBB	QU,TO	186.60	-5.53	-102.15	-137	-8.51	-3.59	132	269	-51
27 38W 12ADC	QU,TO	169.46	-4.59	-103.96	-135	-8.66	-3.56	111	246	-55
27 38W 15BBB	KJ	173.26	3.13	-40.34		-3.36				
27 38W 22CBB	QU,TO	183.87	17.87	-107.07	-135	-8.92	-3.55	156	291	-46
27 38W 23CB	QU,TO	160.73	-26.22	-62.46	-111	-5.20	-2.91	174	285	-39
27 38W 25BBB	QU,TO	190.68	-4.04	-95.33	-145	-7.94	-3.81	135	280	-52
27 38W 32BCC	QU,TO	152.98	-1.47	-47.80	-103	-3.98	-2.71	218	321	-32
28 35W 5BCC	QU,TO	291.29	-7.09	-38.09	-54	-3.17	-1.43	166	220	-25
28 35W 15CBB	QU,TO	274.47	-4.37	-23.75	-61	-1.98	-1.62	235	296	-21
28 35W 36ABC	QU,TO	282.88	-5.38	-46.47	-61	-3.87	-1.60	289	350	-17
28 36W 2CDD2	QU,TO,KJ	268.30	-1.15	-26.70		-2.22				
28 36W 21CDD	QU,TO	247.67	-6.37	-53.82	-90	-4.48	-2.36	182	272	-33
28 37W 2BRB3	QU,TO,KJ	210.48	26.65							
28 37W 10BCD2	QU,TO	176.62	-7.71	-75.90	-128	-6.33	-3.36	173	301	-42
28 37W 30BB0	QU,TO	182.13		-78.40	-117	-6.53	-3.08	245	362	-32
28 38W 7BBB	QU,TO	207.78	-4.97	-95.32	-152	-7.94	-3.99	201	353	-43
28 38W 8BC	QU,TO	219.45	-5.09	-99.15	-169	-8.26	-4.46	205	374	-45
28 38W 12BCB	QU,TO	157.92	-12.51	-83.52	-121	-6.96	-3.18	202	323	-37
28 38W 12DDD	QU,TO	139.35	9.53		-99		-2.61	226	325	-31
28 38W 17AAA	QU,TO	196.91	-5.23	-78.79	-156	-6.57	-4.10	225	381	-41
28 38W 31DBB	QU,TO	171.47	-5.06	-70.89	-113	-5.91	-2.99	247	360	-32
28 38W 33BD3	QU,TO	155.12	-8.31	-59.59	-93	-4.97	-2.45	283	376	-25
29 35W 1CCC	QU,TO	262.97	3.58		-53		-1.39	247	300	-18
29 35W 6HAA	QU,TO	214.49	5.71	-2.58	-25	-0.21	-0.67	230	255	-10
29 35W 28ACC	QU,TO	220.88	-6.05	-35.42	-74	-2.95	-1.94	329	403	-18
29 36W 4BAA2	QU,TO								261	
29 36W 4BD	QU,TO	253.95	-5.98	-92.95	-121	-7.75	-3.18	146	267	-45
29 36W 19BCB	QU,TO	175.48	-3.78	-57.48	-131	-4.79	-3.46	230	361	-36
29 37W 3CD	QU,TO	203.43	-1.99	-70.43	-132	-5.87	-3.49	218	350	-38

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1940-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-78
GRANT COUNTY CONTINUED										
29 37W 8CBA	QU,TO	196.54	-7.07	-82.02	-151	-6.84	-3.96	233	384	-39
29 37W 22AAB	QU,TO	161.09	0.83	-57.09	-113	-4.76	-2.98	298	411	-28
29 37W 29BBA	QU,TO	239.11	-16.08	-91.11	-165	-7.59	-4.35	265	430	-38
29 38W 3BAA	QU,TO	198.44		-77.00	-144	-6.42	-3.80	261	405	-36
29 38W 8CCC	QU,TO	172.46	-13.24	-63.46	-98	-5.29	-2.59	308	406	-24
29 38W 20CDC	QU,TO,KJ	125.93	-3.17	-45.06		-3.76				
29 38W 22CBB	QU	131.94		-57.94	-78	-4.83	-2.05	361	439	-18
29 38W 35CCD	QU,TO	149.40	-3.69	-34.22	-75	-2.85	-1.98	320	395	-19
30 35W 2DBC	QU,TO	282.49	-5.19	-41.96	-57	-3.50	-1.51	243	300	-19
30 35W 19BCD	QU,TO	174.58	10.97	-21.27	-41	-1.77	-1.07	299	340	-12
30 36W 18BB	QU,TO	188.23	-5.93	-57.81	-90	-4.82	-2.37	275	365	-25
30 36W 4ABB	QU,TO,KJ	180.76	-0.06							
30 36W 6BBC	QU,TO	257.18	-8.68	-65.18	-136	-5.43	-3.58	208	344	-40
30 36W 7AAB	QU,TO	223.30	-2.25	-32.55	-109	-2.71	-2.88	258	367	-30
30 36W 16DAB	QU,TO	190.09	-5.84	-49.31	-81	-4.11	-2.13	242	323	-25
30 36W 25BCB	QA	44.67	2.43		-30		-0.78	296	326	-9
30 36W 32BBC	QU,TO	148.62	-3.85	-26.08	-36	-2.17	-0.94	235	271	-13
30 37W 2BAA2	QU,TO	281.91	-7.80	-60.19	-160	-5.02	-4.21	225	385	-42
30 37W 3DBA	QU,TO,KJ	262.00	1.20							
30 37W 6DCC	QU,TO	194.78	-14.10	-52.03	-94	-4.34	-2.47	325	419	-22
30 37W 10DCB	QU,TO	212.42	-1.01	-38.48	-101	-3.21	-2.67	214	315	-32
30 37W 20CBC	QU	191.43	-2.69	-26.79	-77	-2.23	-2.04	194	271	-29
30 38W 3DCC	QU,TO	159.95	-4.50	-35.21	-69	-2.93	-1.81	292	361	-19
30 38W 13CCC	QU,TO,KJ	184.08	-2.69	-37.35		-3.11				
30 38W 15DBC	QU	153.69	-4.24	-34.94	-65	-2.91	-1.70	206	271	-24
30 38W 30ACA	QU,TO	125.34	-5.10	-43.19	-56	-3.60	-1.48	252	308	-18

TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN SOUTHWESTERN KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
TO, OGALLALA FORMATION; KN, NIOBRARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
KJ, UNDIFFERENTIATED LOWER CRETACEOUS AND UPPER JURASSIC DEPOSITS.

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1940-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-78
GRAY COUNTY										
24 27W 8CCC	QU,TO	77.81	-6.43	-18.64	-12	-1.55	-0.31	60	72	-16
24 27W 14ABA	QU,TO	73.70	-8.81	-7.50	0	-0.63	0.01	18	18	2
24 28W 10ADD	QU,TO								108	
24 28W 31DD	QU,TO	129.50	-9.40	-41.60	-39	-3.47	-1.01	135	173	-22
24 28W 36ACA	TO	94.09	-1.54	-10.72	-9	-0.89	-0.24	41	50	-18
24 29W 16DCA	QU,TO	110.21	-0.96	-13.93	-12	-1.16	-0.32	112	124	-10
24 29W 18CCB	QU,TO	118.92	-1.24	-9.10	-13	-0.76	-0.34	101	114	-11
24 30W 18CB	QU,TO	95.13	-5.95		-6		-0.16	75	81	-8
24 30W 8DCD	QU,TO	138.35	-11.20		-24		-0.64	100	124	-20
24 30W 15CCC	QU,TO	146.85	-4.25		-33		-0.86	101	134	-25
25 27W 33ABB	QU,TO	137.16	-0.29	-5.36	-3	-0.45	-0.08	112	115	-3
25 29W 7BCB	QU,TO	137.68	-0.18	-8.63	-7	-0.72	-0.18	143	150	-4
25 29W 14AB	QU,TO	126.80	0.86	-19.70	-20	-1.64	-0.52	199	219	-9
25 30W 20BCB	QU,TO	13.51	-1.74	-3.69	-5	-0.31	-0.12	170	175	-3
25 30W 22ACD	QU,TO	20.68		-5.98	-7	-0.50	-0.18	156	163	-4
26 27W 13BBC	QU,TO	10.79	-1.62	-2.84	-2	-0.24	-0.05	154	156	-1
26 27W 18ADC	QU,TO	10.30	-0.80		-4		-0.11	192	196	-2
26 27W 27CDD	QU,TO	42.27	-3.82		-9		-0.24	180	189	-5
26 28W 10ACB2	QU,TO	25.81	0.01	-6.91	-10	-0.58	-0.26	146	156	-6
26 29W 7CB	QU	93.93	0.39	-11.84	-5	-0.99	-0.13	166	171	-3
26 29W 9DBA	QU,TO								198	
26 29W 35CCC	QU,TO	82.35	-3.96	-10.70	-10	-0.89	-0.27	160	170	-6
26 30W 17AD	QU,TO	88.20	-5.81	-16.20	-12	-1.35	-0.32	231	243	-5
26 30W 24DDD	QU,TO	72.01	-2.41		-18		-0.47	181	199	-9
27 27W 7ADC	QU,TO								104	
27 27W 10CDB	QU,TO	133.30	-1.90	-9.83	-2	-0.82	-0.06	102	104	-2
27 27W 25CCD	QU,TO	172.15	-1.15	-8.30	-5	-0.69	-0.14	56	61	-8
27 28W 5AAA	QU,TO	79.95	-7.65		-14		-0.37	148	162	-9
27 28W 30CCA	QU,TO								140	
27 29W 9DA	QU,TO	85.15	-10.11	-24.85	-16	-2.07	-0.42	195	211	-8
27 30W 8BBB	QU,TO	93.67	-8.37	-27.07	-26	-2.26	-0.68	171	197	-13
27 30W 23BB	QU,TO	87.10	-4.68	-23.20	-19	-1.93	-0.50	160	179	-11
27 30W 25CCB	QU,TO	124.63	-3.49	-21.58	-15	-1.80	-0.39	244	259	-6
27 30W 34CCC	QU,TO	124.80	-3.85	-23.80	-23	-1.98	-0.60	279	302	-8
28 27W 38BB	QU,TO	173.50	-3.41		-8		-0.20	87	94	-8

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1940-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-78
GRAY COUNTY CONTINUED										
28 28W 20ADD2	QU,TO	159.98	-7.81	-13.73	-15	-1.14	-0.39	60	75	-20
28 29W 16ACC	QU,TO	149.60	-2.61	-24.60	-29	-2.05	-0.75	149	178	-16
28 30W 6BBA	QU,TO	162.63	-13.21	-39.13	-38	-3.26	-0.99	322	360	-10
28 30W 10DDD	QU,TO	152.40	-6.11	-31.50	-37	-2.63	-0.98	317	354	-11
28 30W 17BBA	TO	150.00	-10.85	-39.58	-40	-3.30	-1.05	347	387	-10
28 30W 24BAB	QU,TO	159.52	-13.90	-39.95	-46	-3.33	-1.20	269	315	-14
29 27W 30BCC	QU,TO	116.27	-2.85	-13.25	-29	-1.10	-0.77	164	193	-15
29 27W 36ABA	QU,TO	77.47	-4.23	-23.47	-32	-1.96	-0.85	271	303	-11
29 28W 18CCC	QU,TO	103.09	-2.20	-23	-23	-0.61	-0.61	87	110	-21
29 28W 19DDD	QU,TO	110.75	-2.16	-15.09	-19	-1.26	-0.49	181	200	-9
29 28W 28CDC	TO								190	
29 29W 10BBB	TO	107.36	1.69	-19.56	-22	-1.63	-0.59	142	164	-14
29 29W 27BCB	QU,TO	118.26	-1.00	-17.18	-20	-1.43	-0.53	376	396	-5
29 30W 5BBB	QU,TO	160.80	-4.71	-23.30	-31	-1.94	-0.81	305	336	-9
29 30W 12CCC	QU,TO	122.56	-3.43	-25	-25		-0.65	355	380	-6
29 30W 22BBC	QU,TO	170.26	-4.62	-25.62	-26	-2.14	-0.69	276	302	-9
29 30W 35ACD	QU,TO								299	

TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN SOUTHWESTERN KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
TO, OGALLALA FORMATION; KN, NIOBRARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
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WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1940-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-78
HAMILTON COUNTY										
21 39W 7CBA	TO	190.27		3.77	6	0.31	0.15	25	19	30
22 39W 38BB	TO	183.95	0.20	7.30		0.61		15		
22 39W 8DDD	TO	177.14	1.35	1.36		0.11		37		
23 39W 15ADD	QU,TO	129.95	0.31	0.19		0.02		14		
23 40W 29DD8	KU	280.74	-8.62	-40.39		-3.37				
23 42W 19CBB	QA,QU	27.26	-0.68	-3.16	-7	-0.26	-0.19	40	47	-15
23 42W 26DCA	QA	29.38	-1.17	-5.60	0	-0.47	-0.01	41	41	-1
23 42W 27DD8	QA	24.40	-2.31	-4.40	-1	-0.37	-0.04	46	47	-3
23 42W 34CBB	QA	13.20	0.59	-3.53	0	-0.29	-0.01	45	45	0
23 43W 21ABA	QA	17.79	-0.04	-2.71	-3	-0.23	-0.07	11	14	-20
23 43W 23BCB	QA	23.20	-0.61	-2.63	-2	-0.22	-0.06	45	47	-5
23 43W 25CBD2	QA	10.36	-0.86	-1.53	-2	-0.13	-0.06	37	39	-6
23 43W 26BCC	QA	8.46	1.72	-1.36	-1	-0.11	-0.04	14	15	-10
24 39W 19CBC	QA	10.85	-0.70	-4.10	-5	-0.34	-0.13	54	59	-8
24 39W 22CCB	QA	14.76	0.24	-2.95	-7	-0.25	-0.18	27	34	-20
24 39W 30BBD	QA	11.95	-0.83	-2.80	-3	-0.23	-0.08	65	68	-4
24 39W 30CAD	QA	10.74	-0.34	-3.94	-5	-0.33	-0.12	57	62	-8
24 39W 35BAC	QA	9.98	0.03	-4.56	-1	-0.38	-0.03	33	34	-3
24 39W 35CBA	QU	16.71	0.04	-5.31	-6	-0.44	-0.15	69	75	-8
24 40W 7CBB	QA	16.63	-1.14	-2.72	-3	-0.23	-0.07	41	44	-6
24 40W 17BBB	QA	16.78	-0.20		-4		-0.10	54	58	-7
24 40W 23AAB	QA	28.16	-1.86	-3.75	-2	-0.31	-0.06	76	78	-3
24 40W 31BBB	QU	63.96	-0.02	-0.34		-0.03				
24 41W 10AD	QA,QU	21.12	6.21	-6.35		-0.53		24		
24 42W 4AAD	QA	10.01	-0.33	-3.46	-3	-0.29	-0.08	34	37	-8
24 42W 28DDD	KJ	161.67		-1.67		-0.14				
24 43W 14CBB	KJ	113.72		-2.86	0	-0.24	0.01			
25 39W 2CAD	QU,TO	31.44	-0.16	-3.53	-7	-0.29	-0.20	15	22	-34
25 39W 23BDD	QU,TO	91.13		-12.41		-1.03		42		
25 39W 34DCA	KJ									
25 40W 1CA	QU	51.82		-5.96	-6	-0.50	-0.15	6	12	-49
25 40W 26BBB	KJ	219.81	0.19	-4.81	-7	-0.40	-0.18			
25 42W 20ADA	KJ									
25 43W 3ABB	KJ	254.41		-63.85		-5.32				
25 43W 21AAB	KJ									

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1940-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-78
HAMILTON COUNTY CONTINUED										
25 43W 25CCD	QU,TO	143.98	-1.60	-22.56	-43	-1.88	-1.13	81	124	-35
26 39W 18AA	QU,TO	80.19		2.71		0.23				
26 40W 18BA	KJ	110.66		0.92		0.08				
26 41W 12DCC	KJ	214.40	-6.52	-27.84		-2.32				
26 41W 20BBD	QU,TO	29.82	5.83	-9.08	-13	-0.76	-0.34	212	225	-6
26 41W 36CCC	QU,TO	42.87	2.18	-13.87	-8	-1.16	-0.21	188	196	-4
26 42W 10BB2	QU,TO	103.16	3.24	-25.93	-51	-2.16	-1.35	142	193	-27
26 42W 17CB	QU,TO,KJ	146.24	-5.80	-38.07		-3.17				
26 42W 22CDB	QU,TO	142.99	-8.83	-49.84	-66	-4.15	-1.74	69	135	-49
26 43W 25DCC	QU,TO,KJ	190.64	-5.08							

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TO, OGALLALA FORMATION; KN, NIOBRARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
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WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1940-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-78
HASKELL COUNTY										
27 31W 780A	QU,TO	110.88	-1.28	-21.88	-19	-1.82	-0.50	407	426	-4
27 31W 21BBC	QU,TO	123.71	-1.99	-20.03	-25	-1.67	-0.65	373	398	-6
27 31W 24CDC	QU,TO	123.98	-2.47	-26.16	-30	-2.18	-0.79	242	272	-11
27 31W 31BCC	QU,TO	185.04	-8.43	-30.21	-34	-2.52	-0.90	335	369	-9
27 32W 6CBB	QU,TO	130.67	-2.79		-24		-0.62	334	358	-7
27 32W 13ABB	QU,TO	107.51			-23		-0.59	363	386	-6
27 32W 19CCD	QU,TO	153.82	-3.57	-23.82	-36	-1.98	-0.94	302	338	-11
27 33W 29DAA	QU,TO	229.76	-5.99	-43.46	-36	-3.62	-0.94	310	346	-10
27 33W 33DCD	QU,TO	246.00	-9.99	-41.66	-49	-3.47	-1.29	349	398	-12
27 34W 16DDD3	QU,TO								329	
27 34W 28DAA	QU,TO	209.08	4.77	-22.08	-23	-1.84	-0.61	287	310	-7
28 31W 2CCB	QU,TO								433	
28 31W 32ABB	QU,TO	217.80	-1.32	-26.37	-31	-2.20	-0.81	297	328	-9
28 31W 35CCB	QU,TO	193.34	-7.51	-21.39	-37	-1.78	-0.98	250	287	-13
28 32W 9CCC	QU,TO								355	
28 32W 18BBB	QU,TO	259.89	-9.64	-56.59	-68	-4.72	-1.79	321	389	-17
28 32W 24BCC	QU,TO	207.56	-1.88	-25.97	-33	-2.16	-0.86	341	374	-9
28 32W 35BBA	QU,TO	215.08	-1.07	-28.34	-33	-2.36	-0.87	347	380	-9
28 33W 21BCC	QU,TO								360	
28 33W 24DBC	QU,TO	274.67	-4.47		-80		-2.10	319	399	-20
28 33W 27AAB	QU,TO								374	
28 34W 13BBB	QU,TO	316.43	-7.43	-55.59	-69	-4.63	-1.83	231	300	-23
28 34W 15DAB	QU,TO	312.19	-21.38	-49.19	-69	-4.10	-1.82	258	327	-21
28 34W 32ADD	QU,TO	292.44	-7.96	-53.00	-73	-4.42	-1.93	261	334	-22
29 31W 9CB	QU,TO	195.93	-6.72	-26.46	-30	-2.21	-0.79	270	300	-10
29 31W 14BBB	QU,TO	195.10	-4.16	-28.10	-32	-2.34	-0.84	237	269	-12
29 31W 34BCA	QU,TO	198.02	-2.27	-25.23	-30	-2.10	-0.79	270	300	-10
29 32W 48CC	QU,TO	225.63	-1.69	-27.63	-42	-2.30	-1.10	345	387	-11
29 32W 16DAA	QU,TO	248.03	-19.89	-35.03	-49	-2.92	-1.29	297	346	-14
29 32W 19CC	QU,TO	257.22	-5.66	-39.00	-49	-3.25	-1.30	341	390	-13
29 32W 26CB2	QU,TO	236.26	-3.54	-32.16	-45	-2.68	-1.19	287	332	-14
29 33W 1AAB	QU,TO	293.12	-17.11	-66.80	-80	-5.57	-2.11	308	388	-21
29 33W 5ACA	QU,TO	282.35	-9.67	-59.45	-72	-4.95	-1.90	306	378	-19
29 33W 11BBC	QU,TO	299.10	-18.69		-77		-2.03	309	386	-20
29 33W 28BCB	QU,TO	270.54	-2.39		-59		-1.54	287	346	-17

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1940-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-78
HASKELL COUNTY CONTINUED										
29 34W 2ABB	QU,TO	262.97	-6.00	-53.41	-72	-4.45	-1.89	278	350	-21
29 34W 9CBB	QU,TO	277.75	-6.15	-49.36	-70	-4.11	-1.84	271	341	-20
29 34W 11ADD	QU,TO	268.54	-3.31	-58.82	-86	-4.90	-2.25	237	323	-26
29 34W 24BCC	QU,TO	263.98	-18.42	-65.48	-71	-5.46	-1.87	284	355	-20
29 34W 28CCD	QU,TO								326	
29 34W 36CBC	QU,TO	272.13	-4.69		-59		-1.56	284	343	-17
30 31W 6BBB	QU,TO	222.16	-7.74	-25.69	-36	-2.14	-0.95	305	341	-11
30 31W 15ABB	QU,TO	217.80	-4.41		-43		-1.13	334	377	-11
30 31W 24BBB	QU,TO	190.92	-7.41	-23.70	-26	-1.98	-0.68	352	378	-7
30 31W 33BBB	QU,TO	203.77	-3.51		-42		-1.10	291	333	-13
30 32W 11BBB	QU,TO	237.48	-9.83	-35.07	-49	-2.92	-1.30	323	372	-13
30 32W 17BCC	QU,TO	251.39	-7.19	-39.70	-51	-3.31	-1.35	307	358	-14
30 32W 22BBB	QU,TO	217.10	-2.54	-24.72	-41	-2.06	-1.08	295	336	-12
30 32W 31BAB	QU,TO	232.96	-5.04	-30.94	-39	-2.58	-1.03	233	272	-14
30 33W 2AAB	QU,TO	287.89		-53.12	-63	-4.43	-1.65	318	381	-17
30 33W 6DBD	QU,TO	275.96	-1.95	-34.54	-43	-2.88	-1.13	320	363	-12
30 33W 30CBD	QU,TO	239.70	-0.85	-19.92	-25	-1.66	-0.65	273	298	-8
30 34W 5BBB	QU,TO	270.15	-4.85	-37.36	-47	-3.11	-1.24	261	308	-15
30 34W 16BBB	QU,TO	239.34	-3.52	-28.76	-32	-2.40	-0.85	269	301	-11
30 34W 30ADD	QU,TO								259	

TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN SOUTHWESTERN KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
TO, OGALLALA FORMATION; KN, NIOBRARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
KJ, UNDIFFERENTIATED LOWER CRETACEOUS AND UPPER JURASSIC DEPOSITS.

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1940-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-78
HODGEMAN COUNTY										
21 21W 21BCC	QA	44.45			-12		-0.33	28	40	-31
21 22W 3BBA	QA	40.55			-11		-0.28	39	50	-21
21 25W 14CB	QA	32.02						47		
21 26W 35AAC	QA	40.08						38		
22 21W 2BBC	QA	41.34			-9		-0.25	64	73	-13
22 21W 6DCC	QA	32.26			2		0.05	56	54	3
22 22W 4AAA	QA	24.23			8		0.20	87	79	10
22 22W 23DD	QA	28.54			-2		-0.04	55	57	-3
22 22W 27DCC	QA	30.77			-4		-0.10	27	31	-12
23 23W 18AA	QA	38.38			-15		-0.40	37	52	-30
23 24W 11ABB	QA	24.91						31		
23 26W 7CCC		320.21								
23 26W 31CDD	TO	68.10			3		0.08	54	51	6
24 21W 20CBB		79.19								
24 23W 3CCC	TO	57.07						33		
24 24W 2CCC	TO	51.47						39		
24 24W 20CCC	TO	64.96						21		

TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN SOUTHWESTERN KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
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WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1940-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-78
KEARNY COUNTY										
22 35W 23CDD	TO								80	
23 35W 5ACC	TO	144.82	-2.10	-22.07	-27	-1.84	-0.71	35	62	-43
23 35W 12CCC	QU,TO	133.95	-5.17	-54.80	-67	-4.57	-1.76	235	302	-22
23 35W 25BBB2	QU,TO	103.63	-4.64	-44.49	-58	-3.71	-1.52	281	339	-17
23 35W 29DAC2	QU,TO	62.74	-4.87	-20.29	-30	-1.69	-0.78	272	302	-10
23 36W 4CBB	TO	141.20	-0.15	-8.30	1	-0.69	0.02	57	56	1
23 36W 32BBB	TO	236.50	-0.22	-18.41	-48	-1.53	-1.25	69	116	-41
23 37W 9ADD	TO	215.15	-4.82	-13.36	-14	-1.11	-0.37	18	32	-44
23 37W 19CCC	TO	255.60	-1.38	-22.68	-33	-1.89	-0.86	38	71	-46
23 37W 28CCB	TO	259.50	-3.73	-22.52	-42	-1.88	-1.09	41	82	-51
23 37W 36BAB	TO	255.90	-3.53	-26.15	-51	-2.18	-1.34	54	105	-48
24 35W 9CCC	QU,TO	47.99	-4.44	-16.94	-18	-1.41	-0.47	310	328	-5
24 35W 13CCC2	QA	19.40	-0.66	-11.12	-7	-0.93	-0.19	327	334	-2
24 35W 20CCC2	QA	22.30	-1.85	-12.61	-7	-1.05	-0.19	306	313	-2
24 35W 22CCC	QA	21.65	-2.41	-14.46	0	-1.21	0.01	315	315	0
24 36W 15BCB	QU,TO	102.80	-4.98	-27.67	-37	-2.31	-0.97	87	124	-30
24 36W 23CBB2	QU,TO	39.03	-4.47	-14.15	-13	-1.18	-0.34	271	284	-5
25 35W 2BAA	QU,TO	81.84	-3.24		-30		-0.79	318	348	-9
25 35W 17AAA	QU,TO	69.70	-4.41		-33		-0.86	335	368	-9
25 35W 26BAB	QU,TO	85.67	-0.76		-16		-0.41	364	380	-4
25 35W 28DBB	QU	75.72	-11.69	-22.98	-27	-1.92	-0.70	321	348	-8
25 36W 11CBC	QA	24.98	-1.82	-11.64	-10	-0.97	-0.26	330	340	-3
25 36W 18ACC	TO	28.95	-2.67	-13.43	-10	-1.12	-0.26	204	214	-5
25 36W 28BB2	QU,TO	66.10	5.50		-15		-0.40	296	311	-5
25 36W 35ACC	QU	76.25	-2.56	-19.34	-25	-1.61	-0.66	290	315	-8
25 37W 15ABA2	QA	12.02	0.44		-7		-0.18	18	25	-28
25 37W 15DDD	QA	16.80	-0.75	-3.83	-5	-0.32	-0.13	49	54	-9
25 37W 25BAD2	QU,TO,KJ	56.58	-3.03	-18.46		-1.54				
25 38W 8CAA	QU,TO,KJ	42.35	2.40	-4.78		-0.40				
25 38W 20ACC	QU,TO,KJ	69.20	-1.03	-5.92		-0.49				
25 38W 26ACC	QU,TO	71.22	-0.75	-5.80	-8	-0.48	-0.22	74	82	-10
26 35W 6ADA	QU	79.60	0.76	-18.88	-22	-1.57	-0.57	338	360	-6
26 35W 10DBC	QU	96.50	-3.58	-13.50	-16	-1.13	-0.41	368	383	-4
26 36W 1DBB	QU	71.62	-1.09		-24		-0.62	328	352	-7
26 36W 4BDA	QU	71.72	-1.99	-15.86	-20	-1.32	-0.52	282	302	-7

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1940-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-78
KEARNY COUNTY CONTIHNUED										
26 36W 14ACD	QU	65.78	-2.89	-15.58	-11	-1.30	-0.28	297	308	-4
26 37W 6ACB	QU,TO	29.25	-1.56	-3.11		-0.26		73		
26 37W 21DDD	QU,TO	78.67	-1.59	-20.80	-38	-1.73	-0.99	240	278	-14
26 37W 25CDB	QU	133.98	-4.36	-28.98	-42	-2.41	-1.10	238	280	-15
26 38W 8AAD	QU,KJ									

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MEADE COUNTY										
30 26W 4CBB	QU,TO	39.26	-0.93	-18.56	-28	-1.55	-0.74	396	424	-7
30 26W 7BBB	QU,TO	48.99	1.85	-19.07	-27	-1.59	-0.71	352	379	-7
30 26W 17BBC	QU,TO	36.70	-2.50	-14.67	-26	-1.22	-0.68	363	389	-7
30 26W 31CBC	QU,TO	32.30	-2.40	-18.30	-18	-1.53	-0.48	318	336	-5
30 27W 4DBD	QU,TO	65.89	2.81	-31.13	-35	-2.59	-0.92	280	315	-11
30 27W 22CDD	QU	8.91	-0.11	3.41	5	0.28	0.13	319	314	2
30 27W 23ABB	QU,TO	34.23	4.37	-17.73	-22	-1.48	-0.59	287	309	-7
30 27W 32DDO	QU	9.10		2.76	17	0.23	0.44	306	289	6
30 28W 28AA	QU,TO	107.85	-2.18	-10.65	-25	-0.89	-0.65	322	347	-7
30 28W 17ABB	QU,TO	123.32	-5.83	-13.72	-21	-1.14	-0.56	394	415	-5
30 29W 3DCC	QU,TO	122.28	-4.29	-14.84	-20	-1.24	-0.53	342	362	-6
30 29W 23CAD	QU,TO	158.34	-3.67	-16.99	-24	-1.42	-0.64	386	410	-6
30 29W 28BBB	QU,TO	158.85	-4.03	-20.96	-22	-1.75	-0.58	394	416	-5
30 29W 32BBB	QU,TO	153.06	-4.16	-22.28	-20	-1.86	-0.53	383	403	-5
30 30W 12CBB	QU,TO	190.14	-1.64	-24.59	-27	-2.05	-0.71	303	330	-8
30 30W 28ABB	QU,TO	182.64	-4.74	-36.69	-33	-3.06	-0.86	325	358	-9
31 26W 30BBB2	QU,TO	95.26	-2.79		2		0.05	118	116	2
31 27W 20AAA2	QU,TO	31.27	4.39		-16		-0.43	295	311	-5
31 28W 10BCB	QU,TO	136.60	-7.82	-24.40	-23	-2.03	-0.59	326	349	-6
31 29W 25AAA2	QU,TO	171.54	-3.86	-15.02	-27	-1.25	-0.70	266	293	-9
31 29W 30AAA	QU,TO	148.20	-4.94	-17.98	-12	-1.50	-0.32	313	325	-4
31 30W 16BBC	QU,TO	169.78	-1.31	-35.88	-34	-2.99	-0.89	335	369	-9
32 28W 4ADD	QU,TO	68.72	-0.42	-2.57	-6	-0.21	-0.15	297	303	-2
32 28W 14CBC	QU,TO	8.04	-0.14	-1.61	-2	-0.13	-0.05	292	294	-1
32 29W 5CC	QU,TO	160.81	-8.67	-23.46	-22	-1.95	-0.57	303	325	-7
32 29W 27AAB2	QU,TO	143.54	-1.49		-1		-0.01	411	412	0
32 30W 9CCC	QU,TO	183.56	-8.57	-26.81	-29	-2.23	-0.75	320	349	-8
32 30W 28BBC	QU,TO	199.41	-7.66	-29.13	-32	-2.43	-0.85	260	292	-11
32 30W 35CAD2	QU,TO	190.60		-15.10	-33	-1.26	-0.86	297	330	-10
33 28W 29BC	TO	16.55	0.35	-2.25	-3	-0.19	-0.07	159	162	-2
33 29W 36AAB	QU,TO	85.07	0.53	-3.72	-4	-0.31	-0.11	198	202	-2
33 30W 35CB	QU,TO	162.64	-1.60	-4.80	-2	-0.40	-0.04	381	383	0
34 30W 22CBC	QU,TO	193.24	-0.71		-2		-0.06	482	484	0
34 30W 27BBB2	QU,TO	188.59	-1.51		-2		-0.04	482	484	0
35 30W 10CDA	QA,QU,TO	22.72	4.18	0.44	0	0.04	0.01	295	295	0

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MORTON COUNTY										
31 39W 18CCC	QU,TO	176.28	6.45	-40.68	-60	-3.39	-1.59	50	110	-55
31 39W 33BCC	QU,TO,KJ	202.45	-0.48	-42.45		-3.54		13		
31 40W 10A	QU,TO	166.80	-5.05	-33.70	-56	-2.81	-1.47	109	165	-34
31 40W 29ABB	QU,TO	178.95	1.21	-12.80	-38	-1.07	-1.00	54	92	-41
31 41W 7CDD	KJ	135.90	-0.39	-0.90		-0.07				
31 41W 31CBB	KJ	90.66	6.63	-17.66		-1.47				
31 42W 29AAB	QU,TO,KJ	107.10	2.20	-14.00	-33	-1.17	-0.87			
31 43W 3CB	QU,TO,KJ	65.10	0.79	0.60	-4	0.05	-0.11			
31 43W 14DDC	KU	67.70	-0.35	0.08		0.01				
31 43W 20CBB	QU,TO	100.92	-21.60	-44.52	-48	-3.71	-1.26			
32 39W 9DD	QU,TO								150	
32 40W 21ADB	QU,TO	189.92	-2.41	-33.92	-58	-2.83	-1.52	47	105	-55
32 41W 15CDC	QU,TO,KJ	18.75	1.97	-0.75		-0.06				
32 42W 14CCC	QU,TO,KJ	113.95	-2.36	-23.35		-1.95				
32 42W 21BCC	QU,TO,KJ	146.30	-1.85	-32.66		-2.72				
32 42W 26CDD	QU,TO,KJ	142.80	-4.39	-40.80		-3.40				
32 43W 17DCC	TO	73.75	-1.64	-13.75	-14	-1.15	-0.36	72	86	-16
33 39W 16ABB	QU,TO	73.58	-0.01	-3.58	8	-0.30	0.22	270	262	3
33 40W 27CCC	QU,TO	81.55	-0.98	-1.55	16	-0.13	0.43	241	225	7
33 41W 3AAD	QU,TO,KJ	149.93	1.60	-32.67		-2.72				
33 41W 21CCC	QA	43.30	1.44	-2.20	-16	-0.18	-0.43	84	100	-16
33 41W 33DDD	QU	62.20	1.32	7.20	6	0.60	0.15	95	89	7
33 42W 1AA	QU	38.75	1.02	-4.25	9	-0.35	0.24	129	120	8
33 42W 21BCB	QU,TO	88.25	-0.08	-3.25	-1	-0.27	-0.03	79	80	-2
33 43W 8BDA	QU,TO,KJ	99.55	-1.37	-4.55		-0.38				
34 42W 5BDC	QU,KJ	38.48	0.79	-0.08		-0.01				
34 42W 22CDB	QU,TO	82.48	-1.60		10		0.25	30	20	48
34 43W 7BDD	KJ	149.00	0.22	-1.80		-0.15				
35 40W 3BBB	QU,TO	174.35	0.54	8.77	5	0.73	0.12	233	228	2
35 43W 13BDB	QU,TO	176.20	-1.94		-25		-0.66	129	154	-16

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SEWARD COUNTY										
31 31W 8BCC	QU,TO	196.56	-4.06	-27.08	-33	-2.26	-0.86	322	355	-9
31 31W 13BCB	QU,TO	184.31	-3.41	-30.13	-30	-2.51	-0.80	341	371	-8
31 32W 3DAD	QU,TO	198.54	-6.74	-24.36	-41	-2.03	-1.07	297	338	-12
31 32W 21CBA	QU,TO	212.80	1.85	-25.10	-35	-2.09	-0.92	260	295	-12
31 32W 34CBB	QU,TO								319	
31 33W 6CBD	QU,TO	230.29	-4.39	-19.04	-20	-1.59	-0.53	268	288	-7
31 33W 20DBB	QU,TO	196.79	-2.49	-17.68	-18	-1.47	-0.47	340	358	-5
31 34W 18BBB	QU,TO	204.60	-1.95	-18.23	-19	-1.52	-0.49	216	235	-8
32 31W 8BBB	QU,TO	190.20	-1.45	-24.65	-15	-2.05	-0.40	265	280	-5
32 31W 26CAA	QU,TO	199.38	6.45	-16.48	-19	-1.37	-0.51	254	273	-7
32 31W 31ACC	QU,TO	194.08		-16.54	-21	-1.38	-0.55	244	265	-8
32 32W 14BBB	QU,TO	215.19	-4.04	-22.37	-35	-1.86	-0.93	220	255	-14
32 32W 19BAB	QU,TO	210.52	-1.49	-15.76	-22	-1.31	-0.57	264	286	-8
32 33W 12BCC	QU,TO	205.12	-1.23	-20.38	-22	-1.70	-0.58	230	252	-9
32 33W 21CDB	QA								334	
32 34W 10DA	QU,TO	210.79	-11.35	-7.24	-6	-0.60	-0.15	259	265	-2
32 34W 17DCC	QU,TO	239.02	-2.09	-16.19	-26	-1.35	-0.68	254	280	-9
32 34W 32BBB	QU,TO	167.85	-1.15	-13.55	-9	-1.13	-0.23	323	332	-3
33 32W 25BBB	QU,TO								370	
33 32W 28CDD	QU,TO	59.49	-2.42		1		0.01	340	339	0
33 32W 28CDD2	QU,TO	55.70	-1.41		4		0.11	343	339	1
33 33W 12AAD	QU,TO	8.35	-0.98	-2.65	-3	-0.22	-0.09	308	311	-1
34 31W 30BBB	QU,TO	208.69	0.20		-1		-0.02	462	463	0
34 31W 30BBB2	QU,TO	206.94	-0.50		1		0.03	464	463	0
34 32W 35ADA	QU,TO	191.37	-2.51							
34 33W 7CCB	QU,TO	128.98	-0.91	-2.21	11	-0.18	0.29	446	435	3
34 34W 16DAA	QU,TO	118.16	3.39	-23.57	-4	-1.96	-0.11	555	559	-1
34 34W 17DDD	QU,TO	112.32	-1.82		-7		-0.19	313	320	-2
35 31W 18BBA	QU,TO	172.25	-0.50	9.73	15	0.81	0.39	325	310	5
35 33W 16BCA	QU,TO	115.30	-2.94	-11.55	11	-0.96	0.28	543	532	2
35 34W 10BBB	QU,TO	68.48		11.90	22	0.99	0.57	579	557	4

TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN SOUTHWESTERN KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
TO, OGALLALA FORMATION; KN, NIUBRARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
KJ, UNDIFFERENTIATED LOWER CRETACEOUS AND UPPER JURASSIC DEPOSITS.

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1940-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-78
STANTON COUNTY										
27 39W 28BB	QU,TO	88.24	0.86	-0.09	0	-0.01	-0.01	9	9	-3
27 39W 23ACC2	QU,TO	162.74	0.99	-83.54	-118	-6.96	-3.10	207	325	-36
27 39W 27BBA	QU,TO	166.09	-6.19	-63.81	-98	-5.32	-2.58	229	327	-30
27 39W 34DDD	QU,TO	226.03	-7.58	-111.83	-172	-9.32	-4.53	178	350	-49
27 40W 21DAA	QU,TO	72.06	-5.00	-23.46	-20	-1.96	-0.53	158	178	-11
27 40W 25CBC	QU,TO	121.36	-4.41	-35.51	-48	-2.96	-1.27	207	255	-19
27 41W 31CCB2	QU,TO	224.38	-5.94	-56.78	-68	-4.73	-1.80	84	152	-45
27 41W 35CCC	QU,TO,KJ	158.91	4.42	-23.86		-1.99				
27 42W 11DBD	QU,TO	154.06	-2.29	-38.06	-34	-3.17	-0.90	96	130	-26
27 42W 31CCC	QU,TO,KJ	228.60	-3.98	-35.40		-2.95				
28 39W 58BB2	QU,TO	105.93	-4.19	-49.43	-50	-4.12	-1.31	241	291	-17
28 39W 14BBC	QU,TO,KJ									
28 39W 31BCC	QU,TO	165.16	-2.06	-42.56	-74	-3.55	-1.95	272	346	-21
28 39W 33ACC	QU,TO	174.53	-5.51	-54.38	-93	-4.53	-2.44	253	346	-27
28 39W 36ABB	QU,TO	163.55	-7.28	-63.25	-107	-5.27	-2.80	248	355	-30
28 40W 4CCC	QU,TO	161.60	1.54	-45.95	-52	-3.83	-1.36	192	244	-21
28 40W 12DDC2	QU,TO	180.41	-6.32	-72.95	-97	-6.08	-2.56	205	302	-32
28 40W 23ACC	QU,TO	170.11	-4.31	-49.91	-67	-4.16	-1.77	234	301	-22
28 40W 32CCB	QU,TO	234.57	-6.05	-62.07	-77	-5.17	-2.01	211	288	-27
28 41W 12BBC	QU,TO	169.08	-1.79	-39.58	-50	-3.30	-1.32	154	204	-25
28 41W 31BDD	QU,TO	178.67	-1.12	-32.67	-24	-2.72	-0.62	101	125	-19
28 42W 8CCC	QU,TO	264.80	-6.69	-30.90	-66	-2.57	-1.73	35	101	-65
28 42W 32BBB	KJ	226.94	1.63	-10.99		-0.92				
29 39W 17BCB	QU,TO	185.55	-4.85	-57.26	-78	-4.77	-2.04	270	348	-22
29 39W 21DBD	QU,TO	130.10	-1.82	-47.42	-68	-3.95	-1.79	283	351	-19
29 39W 24DDA	QU,TO	127.53	-4.55	-47.45	-66	-3.95	-1.72	321	387	-17
29 41W 13ACC	QU,TO	242.41	-5.04	-49.74	-66	-4.14	-1.75	158	224	-30
29 41W 31CBD	KJ	263.24	-3.38	-26.72		-2.23				
29 42W 8CDC	KJ	195.06	5.11	-8.09		-0.67				
29 42W 11DCD	KJ	233.55	-7.68	-21.26		-1.77				
29 42W 24CCC	QU,TO,KJ	208.58	-1.70	12.68		1.06				
29 43W 33CDB	KJ	116.38	-0.66	3.45		0.29				
30 39W 2ABB	QU,TO	134.03	-4.22	-44.74	-62	-3.73	-1.63	283	345	-18
30 39W 18BBB	QU,TO,KJ	155.79	-5.97	-34.54		-2.88				
30 39W 23BBB	QU,TO	134.73	-4.85	-45.23	-63	-3.77	-1.65	269	332	-19

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1940-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-78
STANTON COUNTY CONTINUED										
30 39W 32DA	QU,TO	160.52	-4.70	-43.67	-57	-3.64	-1.49	86	143	-40
30 39W 36HDD	QU,TO	145.45	-5.61	-42.55	-63	-3.55	-1.67	270	333	-19
30 40W 24CDC	QU,TO,KJ	148.68	-3.51	-33.38		-2.78				
30 40W 33CCB	KJ	189.43	-6.83	-25.07		-2.09				
30 41W 13CCC	QU,TO	198.33		-27.94	-40	-2.33	-1.06	18	58	-70
30 41W 32BAA	KJ									
30 42W 12ACC	KJ	206.19	-10.84	-18.11		-1.51				
30 42W 16HDB	KJ	182.92	2.60	4.88		0.41				
30 43W 34BBB	QU,TO	82.39	0.91	-16.00	-40	-1.33	-1.06	21	61	-66
30 43W 36BB	QU,TO,KJ	77.07	-1.03	-5.47		-0.46				

TABLE 2.--CHANGES IN DEPTH TO WATER AND SATURATED THICKNESS
IN SOUTHWESTERN KANSAS.

EXPLANATION OF GEOLOGIC UNITS--QA, ALLUVIUM; QU, QUATERNARY UNDIFFERENTIATED;
TO, OGALLALA FORMATION; KN, NIOBRARA CHALK; KU, UNDIFFERENTIATED LOWER CRETACEOUS DEPOSITS;
KJ, UNDIFFERENTIATED LOWER CRETACEOUS AND UPPER JURASSIC DEPOSITS.

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1940-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-78
STEVENS COUNTY										
31 35W 7BBB	QU,TO	228.98	-4.26	-43.18	-57	-3.60	-1.50	208	265	-22
31 35W 15BAA	QU,TO	262.35		-25.93	-38	-2.16	-1.01	187	225	-17
31 35W 19CCC	QU,TO	213.80	-2.70	-26.50	-40	-2.21	-1.05	276	316	-13
31 35W 26DCC	QU,TO	261.23	-5.95	-30.99	-48	-2.58	-1.27	186	234	-21
31 36W 2CDD	QU,TO	169.38	-0.05	-13.52	-30	-1.13	-0.80	196	226	-13
31 36W 18BAA	QU,TO	133.53	-3.45	-31.29	-38	-2.61	-0.99	242	280	-13
31 36W 27BCB	QU,TO	164.71	-1.74	-27.37	-29	-2.28	-0.76	296	325	-9
31 37W 9BCC	QU,TO								295	
31 37W 22BCC	QU,TO	172.61	-9.43	-44.22	-67	-3.69	-1.75	267	334	-20
31 38W 17CDA	QU,TO	170.81	4.09	-39.81	-61	-3.32	-1.60	209	270	-23
31 38W 34BAC	QU,TO								323	
31 39W 23BBB	QU,TO	154.76	-4.22	-37.84	-57	-3.15	-1.49	104	161	-35
32 35W 2CBB	QU,TO								220	
32 35W 8DDD	QU,TO	144.05	-0.51		-14		-0.37	358	372	-4
32 37W 4ACA	QU,TO	197.39	-4.98	-35.39	-53	-2.95	-1.40	324	377	-14
32 37W 10DCC	QU,TO	153.99	-0.62	-17.54	-27	-1.46	-0.71	386	413	-7
32 38W 6ACC	QU,TO	57.15	0.72	-1.51	3	-0.13	0.07	263	260	1
32 38W 11ADA	QU,TO	117.53	-2.03	-3.41	0	-0.28	0.01	411	411	0
32 38W 23BDD	QU,TO	119.57	-0.24	-13.34	-4	-1.11	-0.09	385	389	-1
32 39W 2BBB	QU,TO	176.30	-3.66	-43.35	-80	-3.61	-2.11	120	200	-40
32 39W 15BCA	QU,TO								150	
33 36W 11DDC	QU,TO	132.23	-3.38	-29.70	-31	-2.47	-0.82	343	374	-8
33 36W 26DDD	QU,TO	147.62	-8.52	-28.89	-27	-2.41	-0.70	274	301	-9
33 37W 9BCC	QU,TO	78.45	-0.95		3		0.07	447	444	1
33 37W 17CCC	QU,TO	83.34	-1.95	5.98	0	0.50	-0.01	471	471	0
33 37W 23CDB	QU,TO	96.36	-0.79	-12.51	-9	-1.04	-0.25	466	475	-2
33 38W 6AAB	QU,TO	93.92	-2.24	0.75	-1	0.06	-0.02	284	285	0
33 38W 10ACC	QU,TO	122.70	-3.24	-14.94	-22	-1.24	-0.57	343	365	-6
33 38W 20DDB	QU,TO	135.75	4.65	-10.80	-30	-0.90	-0.78	320	350	-9
33 38W 25DDC	QU,TO								455	
34 35W 7BCC	QU,TO								485	
34 35W 18BCA	QU,TO	140.76	4.81		-11		-0.28	526	537	-2
34 37W 8DAC	QU,TO	118.76	-1.69	-5.74	14	-0.48	0.37	523	509	3
34 37W 27ABC	QU,TO	107.70	-3.21	-1.90	17	-0.16	0.46	424	407	4
34 38W 2CDB	QU,TO								438	

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1978 (FEET)	WATER-LEVEL CHANGE 1977-78 (FEET)	WATER-LEVEL CHANGE 1966-78 (FEET)	WATER-LEVEL CHANGE 1940-78 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-78 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-78 (FEET/YEAR)	SATURATED THICKNESS IN 1978 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-78
STEVENS COUNTY CONTINUED										
34 38W 34BDB	QU,TO								415	
34 39W 2CCA	QU,TO	102.67	-0.03	5.68	15	0.47	0.40	430	415	4
34 39W 14DDD	QU,TO	159.35	0.03		-5		-0.14	338	343	-2
34 39W 15CAD	QU,TO	135.79	0.11	5.94	5	0.49	0.14	374	369	1
35 36W 1AAA	QU,TO	108.87	-1.11		11		0.29	481	470	2
35 39W 10CAD	QU,TO	193.57	-8.16	-5.57	-11	-0.46	-0.28	308	319	-3

Table 3.--Altitude of bedrock and water levels, northwestern Kansas.

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN NORTHWESTERN KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
CHEYENNE COUNTY						
1 38W 2CDC	2993.	3011.	3011.	3008.	3009.	1
1 38W 8DCC	3024.	3045.	3045.	3042.	3043.	2
1 38W 308DC	3062.	3083.	3082.	3074.	3080.	3
1 39W 25CBC	3076.	3095.	3093.	3092.	3092.	4
2 38W 27DAD	3154.	3236.	3233.	3218.		5
2 39W 19ABC	3172.	3193.	3194.			6
2 39W 278BB	3207.	3217.	3217.	3216.	3217.	7
2 40W 20HBC	3356.	3370.	3370.			8
2 40W 28DBA	3312.	3340.	3339.		3340.	9
2 41W 27BBD	3378.	3420.	3421.	3405.	3419.	10
2 41W 33DBC	3362.	3415.	3415.		3412.	11
2 42W 14DDO	3445.	3461.	3461.	3461.	3461.	12
3 37W 19BBC	3143.	3253.	3248.	3241.	3240.	13
3 37W 36ADB	3081.	3206.	3199.	3179.	3183.	14
3 39W 20DAC	3251.	3320.	3310.	3301.	3308.	15
3 39W 32BDB	3267.	3340.	3336.	3329.	3334.	16
3 40W 9BAA2	3336.	3338.	3338.	3338.	3338.	17
3 40W 22BCA	3259.	3270.	3270.	3270.	3270.	18
3 40W 28CBB	3282.	3298.	3299.	3296.	3296.	19
3 40W 35AAC	3301.	3350.	3349.	3345.	3345.	20
3 41W 16AAC	3396.	3434.	3434.	3432.	3434.	21
3 41W 31ADB	3410.	3466.	3457.	3435.	3427.	22
3 42W 21BCC	3476.	3535.	3533.			23
4 37W 11BCC	3101.	3227.	3221.	3196.		24
4 37W 17AAC	3121.	3259.	3258.	3244.		25
4 37W 25DCA	3090.	3227.	3233.	3221.	3225.	26
4 38W 4BAC	3182.	3302.	3302.	3292.	3297.	27
4 38W 11CCC	3154.	3296.	3296.	3294.	3294.	28
4 38W 20CCC	3188.	3334.	3335.	3332.	3331.	29
4 38W 21ADC	3175.	3313.	3303.	3295.	3310.	30
4 39W 2DBC	3212.	3328.	3324.	3320.	3320.	31
4 39W 15CCA	3217.	3356.	3349.	3335.	3352.	32
4 39W 18CAB	3261.	3377.	3373.	3373.	3373.	33
4 39W 27CCA	3237.	3372.	3373.		3368.	34
4 40W 22BCB	3305.	3397.	3396.		3395.	35

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
CHEYENNE COUNTY CONTINUED						
4 41W 16DAA	3365.	3390.	3389.	3387.	3387.	36
4 41W 25BCB	3360.	3430.	3431.	3429.	3430.	37
4 41W 31ACA	3410.	3458.	3458.	3456.	3455.	38
4 42W 26BDB	3432.	3470.	3466.	3468.	3469.	39
5 37W 15DAB	3100.	3260.	3261.	3244.	3246.	40
5 38W 13BAA	3170.	3316.	3317.	3309.	3314.	41
5 38W 22ACB	3167.	3347.	3346.	3341.	3343.	42
5 38W 26CCA	3175.	3348.	3348.	3338.	3343.	43
5 39W 8CCC	3276.	3422.	3421.	3415.	3413.	44
5 39W 11CBC	3239.	3390.	3390.	3381.	3384.	45
5 39W 19BBC	3329.	3450.	3449.			46
5 39W 25CDA	3238.	3406.	3408.	3396.	3404.	47
5 40W 4CBD	3323.	3453.	3452.	3445.	3446.	48
5 40W 14BCD	3320.	3458.		3433.	3428.	49
5 40W 15ACB	3318.	3460.	3461.	3438.	3439.	50
5 40W 27BBA	3331.	3485.		3459.	3458.	51
5 41W 12ADC	3366.	3481.	3481.	3472.	3472.	52
5 41W 20DAA	3433.	3535.	3530.	3519.	3519.	53
5 42W 4AAB	3430.	3500.	3499.	3497.	3497.	54
5 42W 14CBC	3472.	3542.	3540.	3521.	3533.	55
5 42W 36CCB	3495.	3600.	3596.	3591.	3590.	56

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN NORTHWESTERN KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
DECATUR COUNTY						
1 26W 18DDH	2354.	2385.	2387.	2383.	2391.	1
1 29W 3DDH	2494.	2516.	2516.	2509.	2511.	2
1 29W 19BDD	2519.	2562.	2561.	2551.	2557.	3
1 30W 34DDD	2550.	2590.	2588.	2578.	2580.	4
2 26W 11BBA	2399.	2424.	2422.	2423.	2421.	5
2 28W 13ABA	2429.	2460.	2461.	2458.	2460.	6
2 29W 24BCC	2558.	2582.	2586.	2586.	2586.	7
2 30W 26DCC	2602.	2703.		2689.		8
3 26W 30CBB2	2468.	2491.	2491.	2484.	2478.	9
3 27W 32ABA	2517.	2563.	2562.	2562.	2560.	10
3 28W 60CB	2516.	2537.	2545.	2538.	2532.	11
3 28W 32BCA	2569.	2616.	2615.	2614.		12
3 29W 12BBA	2501.	2530.	2531.	2529.	2528.	13
3 29W 17DCB	2537.	2567.	2568.	2565.	2564.	14
3 29W 31DCC	2595.	2613.	2613.	2609.	2610.	15
3 30W 3CBA	2630.	2711.	2708.			16
3 30W 26BBB	2580.	2622.	2619.	2617.	2618.	17
4 26W 8DDD	2386.	2430.	2427.	2424.	2427.	18
4 26W 19DCA	2427.	2450.	2450.	2446.		19
4 26W 36BBB	2400.	2441.	2439.			20
4 27W 17DAC	2486.	2543.	2544.	2542.	2544.	21
4 27W 33BBB	2474.	2515.	2512.	2510.	2511.	22
4 28W 15AAA	2570.	2608.	2606.	2605.	2606.	23
4 28W 30DDD	2616.	2634.	2633.		2634.	24
4 30W 7BBB	2676.	2690.	2690.	2683.		25
4 30W 9DDD	2669.	2683.	2676.	2676.		26
4 30W 25DCC	2650.	2721.	2716.	2714.		27
5 26W 5ADD	2437.	2479.	2478.	2479.	2473.	28
5 26W 26DDA	2363.	2411.	2415.	2414.	2415.	29
5 26W 33DCC	2415.	2455.	2457.	2457.	2457.	30
5 27W 21CCA						31
5 28W 7BBC	2592.	2625.	2624.	2627.	2628.	32
5 28W 10BBB						33
5 28W 14ADD	2563.	2590.	2588.	2587.	2588.	34
5 28W 17DAC	2610.	2632.	2632.	2631.		35

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
DECATUR COUNTY CONTINUED						
5 29W 11BAA	2628.	2660.	2658.	2657.	2657.	36
5 29W 22CBB	2640.	2675.	2673.	2673.	2671.	37
5 30W 35BCB	2691.	2779.	2779.	2774.	2775.	38

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN NORTHWESTERN KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
GOVE COUNTY						
11 26W 4CDC	2393.	2521.	2523.	2522.	2519.	1
11 27W 16AAA	2533.	2618.	2619.		2610.	2
11 27W 36BCC						3
11 29W 4DAD	2674.	2735.		2731.	2725.	4
11 30W 27ABB	2757.	2805.		2797.	2795.	5
13 26W 20CBC						6

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN NORTHWESTERN KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
LOGAN COUNTY						
11 32W 4ACD	2851.	2963.	2957.	2945.	2952.	1
11 32W 19AAB	2890.	2981.		2972.	2971.	2
11 34W 16CDB	3048.	3096.	3100.	3095.	3099.	3
11 36W 6ADD2	3160.	3238.	3243.	3221.	3220.	4
11 36W 6DBB2	3104.	3238.	3236.	3217.	3217.	5
13 35W 23BCC	2894.	2911.		2906.	2908.	6
13 36W 20CCB	2993.			3012.	3011.	7

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN NORTHWESTERN KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
RAWLINS COUNTY						
1 33W 29CCC	2848.	2877.	2876.	2874.	2878.	1
2 31W 3CAD	2623.	2650.	2650.	2646.	2647.	2
2 32W 14DCA	2674.	2705.	2705.	2700.	2702.	3
2 32W 20DCD	2703.	2730.	2727.	2722.	2722.	4
2 33W 26DCC	2752.	2785.	2778.	2774.	2775.	5
2 35W 13ABH	2970.	3004.	3008.	3007.	3011.	6
2 35W 34CAA	2952.	3035.	3034.	3032.	3034.	7
2 36W 13DDD	3026.	3100.	3096.	3089.	3096.	8
2 36W 15CDD	3044.	3130.	3130.	3129.	3130.	9
2 36W 18CCB	3082.	3163.	3161.	3150.		10
2 36W 36BAA	2983.	3103.	3093.	3077.		11
3 31W 7CBD	2760.	2818.	2814.	2809.	2814.	12
3 31W 23BBB	2730.	2776.	2776.	2775.	2775.	13
3 31W 27DAD	2730.	2771.	2769.	2768.		14
3 33W 3DCC	2761.	2801.	2802.	2797.	2797.	15
3 33W 8CDC	2803.	2835.	2839.	2832.	2833.	16
3 34W 3ABH	2842.	2870.	2868.	2864.	2869.	17
3 34W 26BAC	2860.	2893.	2892.	2889.	2889.	18
3 34W 33BCC	2893.	2931.	2931.	2928.	2930.	19
3 35W 24CBH	2951.	2980.	2976.	2971.	2974.	20
3 36W 14CBH	3023.	3144.	3141.	3123.	3130.	21
3 36W 17CCC	3075.	3179.	3180.	3170.	3168.	22
3 36W 28DAA	3024.	3165.	3157.	3151.		23
4 31W 16ABD	2711.	2754.	2753.	2750.	2750.	24
4 31W 25DDD	2723.	2740.	2740.	2739.	2739.	25
4 33W 18DDA	2915.	2980.	2980.	2984.	2981.	26
4 33W 28DCA	2888.	2973.	2974.	2968.	2972.	27
4 34W 33CBC	2950.	3045.	3043.	3039.	3040.	28
4 35W 6DCD	2992.	3095.	3094.	3087.	3093.	29
4 35W 13DAD	2951.	2989.	2987.	2986.	2986.	30
4 35W 29DDD	2995.	3069.	3069.	3068.	3069.	31
4 36W 6BBB	3077.	3208.		3176.	3181.	32
4 36W 9CDD	3063.	3180.	3181.	3174.	3174.	33
5 31W 10DDA	2750.	2790.	2780.	2776.	2779.	34
5 31W 20CCA	2797.	2843.	2835.	2830.	2831.	35

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
RAWLINS COUNTY CONTINUED						
5 31W 23DDD	2790.	2832.	2829.	2829.	2829.	36
5 32W 14CDD	2840.	2890.	2889.	2888.	2889.	37
5 33W 29BDA	2927.	3030.	3025.	3023.	3023.	38
5 34W 18BBB	2900.	3021.	3023.	3022.	3022.	39
5 34W 28ADC	2960.	3080.	3073.	3072.	3073.	40
5 35W 10CDD	2990.	3100.	3101.			41
5 36W 21BCD	3065.	3203.	3204.	3200.	3201.	42

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN NORTHWESTERN KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
SHERIDAN COUNTY						
6 27W 30CD	2492.	2531.	2528.	2526.	2527.	1
6 27W 8DCA	2480.	2567.	2573.	2567.	2567.	2
6 27W 19DAB						3
6 27W 27BCC	2396.	2554.	2562.	2553.	2553.	4
6 28W 10DAA	2565.	2633.	2626.			5
6 28W 28ADD	2550.	2640.	2641.	2638.	2636.	6
6 28W 30BCC	2575.	2681.	2683.	2679.	2677.	7
6 29W 10DBC	2618.	2707.	2704.	2683.	2681.	8
6 29W 24ABB	2576.	2690.	2685.	2681.	2680.	9
6 29W 33CDA	2621.	2734.	2735.	2726.	2725.	10
6 30W 2BCA	2688.	2770.	2768.	2761.	2760.	11
6 30W 13BAA	2659.	2760.		2750.	2752.	12
6 30W 14CCD	2681.	2789.	2781.	2776.	2777.	13
6 30W 24DDC	2670.	2765.	2766.			14
7 26W 6AAB	2430.	2509.	2508.	2506.	2508.	15
7 26W 12BAC	2389.	2465.	2467.	2458.	2456.	16
7 26W 15BDD						17
7 26W 19BBC						18
7 26W 28CAB	2391.	2492.	2486.	2482.	2481.	19
7 27W 24BBD	2419.	2525.	2520.	2512.	2510.	20
7 28W 8BDC	2526.	2668.		2655.		21
7 28W 19BBA	2560.	2688.	2682.	2665.	2664.	22
7 28W 21ABB	2539.	2645.	2643.	2627.	2626.	23
7 28W 36ABA	2492.	2602.	2598.	2591.	2590.	24
7 29W 20BD	2579.	2711.	2702.	2692.	2691.	25
7 29W 21ABB	2620.	2739.	2739.	2717.		26
7 29W 27CCC						27
7 29W 30ABA	2632.	2774.	2765.	2740.	2741.	28
7 30W 24DDD	2647.	2783.	2774.	2750.	2750.	29
8 26W 14DAA	2332.	2385.	2378.	2381.	2381.	30
8 26W 16CDD	2377.	2424.	2412.	2410.	2410.	31
8 27W 11DCD	2444.	2491.	2495.	2494.	2493.	32
8 27W 33BBD	2504.	2539.	2536.	2537.	2536.	33
8 28W 9ABC	2533.	2647.	2648.		2636.	34
8 29W 1DCB	2583.	2698.	2700.	2685.	2685.	35

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
SHERIDAN COUNTY CONTINUED						
8 29W 29BAA	2621.	2760.	2762.	2753.	2753.	36
8 30W 11CBC	2664.	2818.	2808.	2785.	2783.	37
8 30W 13DAA	2634.	2788.	2781.	2763.	2760.	38
8 30W 30ABC	2728.	2855.	2856.	2848.	2844.	39
9 27W 12CCC	2480.	2574.	2571.	2568.		40
9 27W 19DDD	2545.	2626.	2626.	2623.		41
9 28W 4BCC	2579.	2659.	2651.	2651.	2650.	42
9 28W 6CCB	2604.	2687.	2684.	2683.	2684.	43
9 28W 31AAC	2623.	2710.	2702.			44
9 29W 17BAB	2658.	2770.	2770.	2758.	2757.	45
9 29W 26BAA	2653.	2740.	2731.	2727.		46
9 30W 3AAB2	2716.	2815.	2814.	2801.	2799.	47
9 30W 16CDA	2720.	2856.	2837.		2828.	48
9 30W 35BBB	2729.	2824.	2815.	2804.	2802.	49
10 27W 20CBC	2555.	2593.	2591.	2585.		50
10 27W 22DBA	2503.	2558.	2549.	2548.		51
10 28W 50DB	2616.	2690.	2694.	2689.	2687.	52
10 28W 29DAA	2629.	2669.	2666.	2665.	2664.	53
10 29W 20CCC	2700.	2768.	2769.	2765.		54
10 30W 8DDD	2744.	2834.	2837.	2831.	2831.	55
10 30W 12ADA	2687.	2785.	2786.	2776.	2775.	56
10 30W 17DAD	2731.	2832.	2833.	2830.	2829.	57

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN NORTHWESTERN KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
SHERMAN COUNTY						
6 37W 38CC	3146.	3273.	3267.	3263.	3263.	1
6 37W 78BA	3170.	3299.	3298.	3295.	3296.	2
6 37W 16CDD	3196.	3303.	3296.	3290.	3289.	3
6 37W 19ABB	3167.	3326.	3321.	3316.	3316.	4
6 37W 34DCD	3154.	3311.	3304.			5
6 38W 9ABD	3192.	3363.	3359.	3354.	3346.	6
6 38W 20ACC	3236.	3396.	3396.	3394.	3392.	7
6 39W 9DDD	3255.	3440.	3442.	3440.	3434.	8
6 40W 10AAC	3300.	3490.	3490.	3485.	3486.	9
6 40W 21AAC	3347.	3519.				10
6 40W 30DCC	3392.	3559.	3564.	3558.	3556.	11
6 40W 35BCC	3330.	3523.	3525.	3517.	3515.	12
6 41W 1ABB	3379.	3525.	3518.	3513.	3513.	13
6 41W 9BCB	3430.	3580.	3582.	3573.		14
6 41W 19DBD	3467.	3630.	3622.	3614.	3607.	15
6 41W 27DBD	3416.	3600.	3599.	3585.	3583.	16
6 42W 2AAA	3500.	3598.	3595.	3584.	3583.	17
6 42W 8CBB	3537.	3658.	3640.	3632.	3632.	18
6 42W 22DCC	3522.	3660.	3654.	3645.	3640.	19
6 42W 30ADA	3562.	3695.	3687.	3676.	3673.	20
7 37W 4BBC	3185.	3333.		3319.	3318.	21
7 37W 5CCB	3178.	3348.	3342.	3338.	3336.	22
7 37W 17BDA	3183.	3350.	3342.	3339.	3338.	23
7 38W 16BAA	3233.	3411.	3408.	3400.		24
7 39W 98BB	3294.	3483.	3484.	3476.	3476.	25
7 39W 24BAA	3287.	3450.	3453.	3442.	3437.	26
7 39W 30CCB	3290.	3530.	3525.	3508.	3507.	27
7 40W 6ADB	3379.	3570.	3573.	3561.	3560.	28
7 40W 29BBA	3420.	3587.	3586.	3573.	3572.	29
7 40W 35BBB	3395.	3548.	3547.	3525.	3526.	30
7 40W 36BAB	3322.	3538.	3533.	3513.	3512.	31
7 41W 10BBA	3440.	3629.		3614.	3613.	32
7 41W 16ADC	3458.	3645.	3640.	3627.	3627.	33
7 41W 28DBB	3494.	3663.	3663.	3652.	3650.	34
7 42W 70AA	3583.	3740.	3739.	3714.	3713.	35

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
SHERMAN COUNTY CONTINUED						
7 42W 17CCC	3601.	3745.	3746.	3732.	3731.	36
7 42W 27AAB	3541.	3720.	3721.	3704.	3701.	37
8 37W 3ADB	3203.	3350.	3332.	3326.	3325.	38
8 37W 6ADB	3242.	3382.	3373.	3369.	3368.	39
8 37W 21CCC	3266.	3376.	3375.	3357.	3357.	40
8 37W 28ABC	3244.	3372.	3370.	3343.	3351.	41
8 37W 32ABB	3252.	3385.	3388.	3374.	3374.	42
8 38W 17CDD	3310.	3460.	3461.	3449.	3447.	43
8 38W 24AAB	3253.	3403.	3402.	3397.	3391.	44
8 38W 28ACC	3356.	3453.	3455.	3444.	3443.	45
8 39W 2BAA	3316.	3473.	3476.	3454.	3449.	46
8 39W 15CCC	3370.	3515.	3507.	3485.	3477.	47
8 39W 17DCD	3372.	3520.	3511.	3490.	3493.	48
8 39W 27AAB	3352.	3505.	3502.	3476.	3472.	49
8 39W 28CAB	3372.	3530.	3516.	3498.	3497.	50
8 40W 12DBA	3380.	3550.	3537.	3508.	3507.	51
8 40W 17CDB	3450.	3625.	3619.	3603.	3596.	52
8 40W 20CBC3	3453.	3633.	3630.	3602.	3601.	53
8 40W 20CCC	3439.	3636.	3636.	3605.	3603.	54
8 40W 20DAA	3452.	3623.	3612.	3600.	3603.	55
8 40W 24AAA	3402.	3558.	3543.	3513.	3511.	56
8 40W 25AAC	3411.	3568.	3543.	3521.	3518.	57
8 40W 35CCB	3460.	3600.	3602.	3575.	3573.	58
8 41W 17CBA	3543.	3714.	3714.	3694.	3703.	59
8 41W 25BBC	3490.	3660.	3658.	3644.	3643.	60
8 42W 4BBC	3592.	3763.	3760.		3730.	61
8 42W 15DOB	3585.	3761.	3760.	3734.	3737.	62
8 42W 19ABB	3619.	3805.	3799.	3764.	3761.	63
8 42W 29ACB	3675.	3803.	3804.	3782.	3782.	64
8 42W 31DCD	3665.	3822.	3814.	3797.	3798.	65
8 42W 34DCB	3649.	3790.	3789.	3766.	3770.	66
9 38W 11DOD	3390.	3436.	3435.			67
9 38W 13BCC	3348.	3436.		3435.	3434.	68
9 39W 17BBA	3461.	3571.			3543.	69
9 39W 19CCC	3450.	3590.		3562.	3563.	70

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
SHERMAN COUNTY CONTINUED						
9 40W 8CCB	3522.	3650.		3625.	3622.	71
9 40W 8CDB	3515.	3650.	3650.	3621.	3617.	72
9 40W 13CDC	3462.	3599.	3597.	3564.	3563.	73
9 40W 27COC	3440.	3629.	3626.	3600.	3599.	74
9 40W 29BBB	3536.	3660.	3663.	3638.	3629.	75
9 41W 5DCC	3595.	3732.	3724.	3702.	3696.	76
9 41W 11DCB	3526.	3690.	3687.	3660.	3654.	77
9 41W 14BBC	3538.	3701.		3668.	3667.	78
9 41W 28AAA	3564.	3730.	3720.	3699.	3686.	79
9 41W 32AAA	3579.	3753.	3752.	3728.		80
9 41W 34BAB	3551.	3730.	3727.		3697.	81
9 42W 8AAA	3672.	3823.	3812.	3790.	3789.	82
9 42W 11CCC	3649.	3798.	3788.	3757.	3758.	83
9 42W 14AAA	3610.	3785.	3770.	3739.	3736.	84
9 42W 16CDD2	3652.	3829.	3826.		3802.	85
9 42W 35ABB	3648.	3814.	3813.	3779.	3777.	86
10 37W 23ABB	3132.	3250.	3247.		3230.	87
10 40W 10ADC	3556.	3612.	3608.	3607.	3607.	88
10 41W 15CAD	3645.	3750.	3750.		3742.	89
10 42W 21BBB	3740.	3890.	3878.	3863.	3862.	90
10 42W 24BBA	3699.	3830.	3819.	3808.	3807.	91

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN NORTHWESTERN KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
THOMAS COUNTY						
6 31W 3ADB	2765.	2848.	2842.	2838.	2838.	1
6 31W 33CCD	2785.	2898.	2906.	2888.	2888.	2
6 32W 12CBC	2810.	2905.	2906.	2904.	2904.	3
6 32W 29CDC	2873.	2964.	2966.	2953.	2953.	4
6 32W 34CBC						5
6 33W 27AAD	2891.	3005.	3008.			6
6 33W 32DBB	2955.	3052.	3044.			7
6 34W 10DD		3042.			3041.	8
6 34W 10DDA	2977.	3068.	3072.	3061.	3064.	9
6 34W 11CDD	2965.	3060.	3062.	3054.		10
6 34W 17CBC	3003.	3110.	3110.	3105.	3100.	11
6 35W 2CDD	2995.	3128.	3118.	3116.	3116.	12
6 35W 26ACB	3045.	3149.	3150.	3148.	3147.	13
6 36W 6BCD	3085.	3234.	3230.		3220.	14
6 36W 11ACC	3080.	3192.	3199.	3194.	3192.	15
6 36W 30DCB	3110.	3265.	3270.	3265.	3264.	16
6 36W 34DOB	3088.	3235.	3240.	3235.	3236.	17
7 31W 10CA	2710.	2848.	2855.	2849.	2843.	18
7 31W 26CCC	2755.	2885.	2885.	2874.	2874.	19
7 32W 7ACA	2910.	2988.	2993.	2981.	2980.	20
7 32W 13AAA	2803.	2935.	2936.	2923.	2921.	21
7 33W 7BDA	2949.	3062.	3054.	3049.	3049.	22
7 33W 21DBC	2931.	3030.	3037.	3029.	3027.	23
7 33W 35ADD	2893.	3014.	3014.	3000.	2998.	24
7 34W 8BBB	3020.	3130.	3129.	3126.		25
7 34W 25AAA	2927.	3061.	3061.	3055.	3056.	26
7 34W 26DBD	2947.	3073.	3073.	3069.	3069.	27
7 35W 10CCC	3045.	3180.	3184.	3175.	3175.	28
7 36W 17CCC	3150.	3278.	3283.	3276.	3275.	29
7 36W 35CBB	3120.	3259.	3259.	3254.	3250.	30
8 31W 20CDD	2806.	2928.	2925.	2918.	2910.	31
8 32W 7BAA	2830.	3004.	3003.	2990.	2989.	32
8 32W 12DBC	2840.	2947.	2949.	2951.	2949.	33
8 32W 27DAB	2850.	2966.	2968.	2968.	2966.	34
8 33W 2CDD	2870.	3020.	3017.	3005.	3004.	35

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
THOMAS COUNTY CONTINUED						
8 33W 7AAB	2950.	3050.	3051.	3024.	3042.	36
8 33W 34BBC	2971.	3038.	3038.	3029.	3022.	37
8 34W 1BAC	2909.	3066.	3063.	3058.	3057.	38
8 34W 6CBC	3039.	3136.	3131.	3128.	3127.	39
8 34W 23CRD	2997.	3070.	3077.	3066.	3065.	40
8 36W 18ABA2	3195.	3303.	3306.	3303.	3302.	41
9 31W 10BBB	2822.	2914.	2916.	2914.	2913.	42
9 31W 22ABD	2799.	2907.	2913.	2907.		43
9 31W 36AAB	2804.	2883.	2882.	2876.	2872.	44
9 32W 9BDA	2870.	2985.	2976.	2975.	2974.	45
9 32W 27BCD	2869.	2979.	2978.	2964.	2961.	46
9 33W 7BBB	2925.	3064.	3065.	3052.	3049.	47
9 33W 14AAB	2907.	3024.	3024.			48
9 33W 15ACC	2887.	3035.	3036.	3020.	3017.	49
9 33W 26DAD						50
9 33W 30CAA	2936.	3055.	3040.	3023.	3021.	51
9 33W 31CDB	2874.	3053.	3044.	3014.		52
9 33W 35AAD	2895.	3020.	3016.	3001.	2997.	53
9 35W 32DAA	3126.	3179.	3173.	3173.	3174.	54
10 31W 26AAA	2860.	2880.	2886.	2883.	2882.	55
10 31W 29AAB	2814.	2915.	2915.	2910.	2909.	56
10 32W 4CAB	2877.	2985.	2988.	2977.	2983.	57
10 32W 11BAA	2901.	2962.	2967.	2962.	2959.	58
10 32W 29DCB	2880.	2986.	2984.	2974.	2973.	59
10 33W 30BC	2891.	3025.	3018.	2994.	3004.	60
10 33W 6BBC	2876.	3055.		3013.	3009.	61
10 33W 19CBD	2995.	3061.	3062.	3057.	3054.	62
10 33W 27BBB	2967.	3032.	3027.	3021.		63
10 34W 1ABA	2896.	3059.	3049.	3020.		64
10 34W 12BCD	2923.	3063.	3051.	3046.	3046.	65
10 34W 14BCC	3028.	3084.	3080.	3080.	3080.	66
10 36W 7ACC		3250.		3233.	3232.	67
10 36W 36ACC	3160.	3195.	3190.	3187.	3188.	68

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN NORTHWESTERN KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
WALLACE COUNTY						
11 38W 35CCC2	3183.	3291.	3296.	3233.	3231.	1
11 42W 8DDC	3789.	3855.		3846.	3845.	2
13 42W 10BAC	3720.				3732.	3

Table 3.--Altitude of bedrock and water levels, west-central Kansas.

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN WEST-CENTRAL KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
GREELEY COUNTY						
16 39W 28DC	3300.	3439.		3400.	3397.	1
16 39W 48AB	3345.	3470.		3422.	3431.	2
16 39W 15CBB	3378.	3445.		3417.	3415.	3
16 39W 18BBC	3409.	3491.	3484.	3467.	3464.	4
16 39W 22UCB	3366.	3434.	3440.	3407.	3406.	5
16 39W 25CBB	3338.	3405.	3412.	3391.	3389.	6
16 40W 2ABA	3412.	3522.	3514.	3487.	3485.	7
16 40W 6BAA	3437.	3575.	3563.	3543.	3540.	8
16 40W 15ACC	3458.	3536.	3530.	3506.	3505.	9
16 40W 18DBA	3474.	3570.	3564.	3540.		10
16 40W 26ADA	3445.	3509.		3494.	3492.	11
16 40W 35BRA	3472.	3521.	3524.	3501.	3503.	12
16 41W 5BBB	3495.	3617.		3579.	3578.	13
16 41W 20BAD	3505.	3610.	3608.	3590.	3589.	14
16 41W 23BBD	3484.	3586.		3557.	3562.	15
16 41W 33AAB	3544.	3590.		3585.	3585.	16
16 42W 10CBC	3590.	3646.		3621.	3620.	17
16 42W 22BCB	3591.	3645.	3630.	3632.	3631.	18
17 39W 2BRA	3350.	3409.			3387.	19
17 39W 6CCD	3403.	3449.		3448.	3447.	20
17 39W 14ADD	3300.	3395.		3388.	3388.	21
17 39W 19DBB	3391.	3448.		3443.	3444.	22
17 39W 22ABB	3332.	3409.	3404.	3403.	3402.	23
17 39W 34CCB	3370.	3410.		3410.	3411.	24
17 40W 4DCB	3459.	3494.	3489.	3478.	3477.	25
17 40W 15CCB	3398.	3484.	3480.	3472.	3471.	26
17 40W 17BBA	3446.	3498.		3480.	3467.	27
17 40W 31BBA	3445.	3512.	3495.	3475.	3477.	28
17 41W 1AAD	3525.	3550.	3553.	3552.	3551.	29
17 42W 27CBB	3707.	3737.		3728.	3728.	30
18 39W 7BBD	3419.	3455.		3439.	3447.	31
18 39W 19CDA	3410.			3440.	3438.	32
18 39W 23CCB	3300.	3372.	3363.	3354.	3353.	33
18 39W 24AAC	3284.	3362.		3328.	3328.	34
18 40W 4CBD	3455.	3491.	3485.	3483.	3481.	35

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
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GREELEY COUNTY CONTINUED

18 40W 6BBA	3455.	3519.		3498.	3499.	36
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TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN WEST-CENTRAL KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
LANE COUNTY						
16 29W 26CCD	2663.	2713.	2714.	2703.		1
16 30W 24DCC	2710.	2731.		2723.		2
16 30W 29CDD	2710.	2763.		2760.	2759.	3
16 30W 34DAB	2685.	2741.		2739.	2736.	4
17 27W 20CCC	2590.	2633.		2621.	2620.	5
17 27W 26CCC	2551.	2598.		2582.	2583.	6
17 28W 7BBB	2615.	2702.		2692.	2691.	7
17 28W 15BBC	2610.	2676.		2658.	2659.	8
17 28W 26ABB	2595.	2650.	2647.	2635.	2636.	9
17 28W 34CBB	2615.	2669.		2656.	2659.	10
17 29W 3BDC	2660.	2714.		2706.	2707.	11
17 29W 6CCB	2665.	2735.		2722.	2720.	12
17 29W 28DCD	2687.	2742.		2736.	2736.	13
17 29W 36BAA	2665.	2714.		2704.	2703.	14
17 30W 5AAC	2702.	2769.		2762.	2762.	15
17 30W 13CBB	2695.	2762.	2762.	2759.	2759.	16
17 30W 20BBB	2724.	2802.		2793.	2794.	17
17 30W 22ACA	2715.	2783.		2777.	2777.	18
18 27W 13CCC	2579.	2586.	2588.		2588.	19
18 28W 18ACC	2669.	2713.		2697.	2700.	20
18 29W 4DAD	2691.	2745.		2736.	2737.	21
18 30W 2AAA	2725.	2781.		2766.	2762.	22
18 30W 4BAB	2747.	2803.		2802.	2801.	23
18 30W 23AAA	2698.	2793.		2783.		24

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN WEST-CENTRAL KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
SCOTT COUNTY						
16 31W 17DDD	2770.	2813.			2813.	1
16 31W 23CCC	2732.	2786.		2772.	2784.	2
16 31W 31BCB	2790.	2831.	2830.	2819.	2819.	3
16 32W 23BCD	2805.	2840.	2835.	2827.	2834.	4
16 33W 7CCC	2906.	2969.	2955.	2944.	2943.	5
16 33W 19CBB	2905.	2973.	2956.	2940.	2940.	6
16 33W 21BCC	2890.	2933.	2926.	2915.	2914.	7
16 33W 24DAB	2797.	2849.	2845.	2844.	2844.	8
16 33W 25BCC	2795.	2874.		2869.	2869.	9
16 33W 31CBB	2895.	2981.	2969.	2955.	2952.	10
16 33W 33BAA	2872.	2936.		2921.		11
16 34W 9CCB	2965.	3028.	3012.	2998.	2995.	12
16 34W 13BCB	2923.	2981.		2955.	2954.	13
16 34W 20DBC	2960.	3032.	3019.	2995.	2994.	14
16 34W 22BDC	2932.	3015.	2991.	2972.	2970.	15
16 34W 29CBB	2960.	3041.	3026.	3005.	3004.	16
16 34W 31B8B2	2972.	3052.				17
16 34W 34CBB	2945.	3021.	3006.	2982.	2981.	18
17 31W 40CC	2762.	2815.		2810.	2811.	19
17 31W 14CCD	2750.	2820.		2811.	2809.	20
17 31W 17DAA	2759.	2838.	2839.	2832.	2838.	21
17 31W 25BCC	2744.	2826.	2824.		2817.	22
17 31W 31B8B	2780.	2871.		2853.	2850.	23
17 31W 35CCB	2778.	2839.		2830.	2831.	24
17 32W 5ABB	2776.	2877.	2874.			25
17 32W 11DAA	2805.	2854.				26
17 32W 168BB	2749.	2892.		2860.	2853.	27
17 32W 278BB	2810.	2895.	2883.	2860.	2859.	28
17 32W 31BCB	2739.	2916.	2895.	2873.	2869.	29
17 32W 34CAA	2818.	2892.	2878.	2858.		30
17 33W 78BB	2891.	2981.	2958.	2948.	2946.	31
17 33W 13DDD	2749.	2911.		2872.	2871.	32
17 33W 14ACB	2800.	2921.		2886.	2884.	33
17 33W 16ABC	2862.	2949.	2929.	2913.		34
17 33W 28CDA	2845.	2951.	2935.	2909.	2903.	35

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
SCOTT COUNTY CONTINUED						
17 34W 68CB	2969.	3055.	3044.	3028.	3026.	36
17 34W 16ACB	2940.	3027.	3022.	3012.	3012.	37
17 34W 250BB	2903.	2989.	2977.	2961.	2961.	38
17 34W 27ABA	2925.	3011.		2994.	2994.	39
17 34W 28CCB	2954.	3040.	3030.	3014.	3015.	40
18 31W 20ABA	2815.	2870.		2869.		41
18 31W 24BCB	2803.	2845.		2838.	2836.	42
18 31W 27ABA	2825.	2860.		2860.	2860.	43
18 32W 148BB	2805.	2895.	2882.	2870.	2871.	44
18 32W 17ABA	2830.	2908.	2892.	2870.	2868.	45
18 32W 20CBB	2779.	2915.	2899.	2875.	2873.	46
18 33W 3CCB	2826.	2937.	2925.	2894.	2895.	47
18 33W 5CCC	2922.	2966.	2956.	2938.	2947.	48
18 33W 11ABB	2782.	2926.		2878.	2878.	49
18 33W 20CCD	2917.	2965.	2945.	2936.	2937.	50
18 33W 26DA02	2784.	2922.	2905.	2884.	2883.	51
18 33W 34BDA	2837.	2933.				52
18 33W 35AAA	2795.	2922.	2909.	2884.	2883.	53
18 34W 1CBB	2928.	2998.	2986.	2978.	2977.	54
18 34W 5CBB	2980.	3060.		3039.	3038.	55
18 34W 9CDD2	2970.	3043.		3028.	3026.	56
18 34W 18BBB	3014.	3075.	3061.	3047.	3041.	57
18 34W 25BBB	2960.	3002.	2996.	2977.	2983.	58
18 34W 30DDC		3071.	3055.		3015.	59
18 34W 34BBC	2970.	3040.	3029.		3012.	60
19 31W 20BAU				2905.	2905.	61
19 32W 6CCB	2738.	2916.		2884.	2883.	62
19 32W 32ACB	2780.	2915.		2901.	2903.	63
19 33W 6DBB	2904.	2962.		2954.	2955.	64
19 33W 12DDC	2739.	2914.	2909.	2893.	2892.	65
19 33W 15DBD	2832.	2908.	2893.	2863.	2861.	66
19 33W 21AAD	2840.	2907.		2859.	2858.	67
19 33W 24ABB	2730.	2913.	2902.	2890.	2890.	68
19 33W 25DCD	2739.	2911.	2893.	2872.	2871.	69
19 33W 29CBB2	2820.	2918.	2893.	2868.	2874.	70

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
SCOTT COUNTY CONTINUED						
19 33W 34DCC	2800.	2912.	2883.	2868.	2867.	71
19 34W 16AAD	2985.	2985.		3010.		72
19 34W 3488B	2948.	2972.			2964.	73
20 31W 14CBC	2773.			2836.	2826.	74
20 32W 7CBA	2735.	2906.		2864.		75
20 32W 16DAD	2800.	2898.			2836.	76
20 32W 21BBC	2781.	2894.	2864.			77
20 32W 30BCD	2730.	2892.		2843.	2842.	78
20 32W 32DCC	2745.	2883.	2871.	2841.	2857.	79
20 33W 2088	2800.	2905.	2878.	2861.	2862.	80
20 33W 58AB	2860.	2918.		2873.	2872.	81
20 33W 98BB	2845.	2913.	2888.	2879.	2879.	82
20 33W 10DBC	2780.	2907.		2851.	2849.	83
20 33W 17BAB	2842.	2912.	2889.	2865.	2862.	84
20 33W 21ABD	2810.	2909.	2906.	2846.		85
20 33W 26C883	2785.	2895.		2844.	2843.	86
20 33W 35DBA	2782.	2889.	2876.	2844.	2846.	87
20 34W 20BC	2906.	2945.	2941.	2935.	2935.	88
20 34W 15BAA	2922.	2963.		2958.	2957.	89
20 34W 36CCD	2855.	2909.		2882.	2882.	90

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN WEST-CENTRAL KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
WALLACE COUNTY						
13 43W 36A8B	3624.	3745.	3745.	3726.	3724.	1
14 38W 21DCC	3444.	3456.	3458.	3457.	3456.	2
14 38W 29CCC	3392.	3460.		3451.	3451.	3
14 39W 368CB	3389.	3472.	3459.	3440.	3440.	4
14 40W 16CBC	3494.	3562.	3565.			5
14 40W 23ADD	3425.	3527.	3521.	3496.		6
14 40W 29ABA	3472.	3565.		3545.		7
14 41W 18UCB	3391.	3672.		3644.	3639.	8
14 41W 228BB	3511.	3645.	3643.	3619.	3617.	9
14 41W 28DCA	3346.	3648.		3613.	3628.	10
14 41W 30DDC	3530.	3667.		3626.	3629.	11
14 42W 2AAB	3438.	3695.	3687.	3670.	3668.	12
14 42W 108BA	3435.	3705.		3674.	3672.	13
14 42W 14DBD	3396.	3695.	3679.	3664.	3659.	14
14 42W 228DD	3399.	3698.		3670.	3667.	15
14 42W 308CA	3494.	3725.	3720.	3695.	3694.	16
15 38W 5CCB	3387.	3455.		3430.	3430.	17
15 38W 78BB	3373.	3461.	3445.	3423.	3421.	18
15 38W 14CCD	3336.	3416.	3405.	3387.	3386.	19
15 38W 18CCC	3372.	3458.		3410.	3407.	20
15 38W 21CBC	3333.	3428.	3410.	3386.	3384.	21
15 38W 28DBB	3300.	3420.	3396.	3363.	3361.	22
15 38W 30CCB	3307.	3454.	3430.	3400.	3397.	23
15 38W 36CBB	3308.	3385.	3380.	3351.	3350.	24
15 39W 28CD	3390.	3476.	3460.	3432.	3433.	25
15 39W 6CBA	3402.	3519.	3506.	3478.	3476.	26
15 39W 8ACC	3401.	3510.	3493.	3465.	3464.	27
15 39W 15DBA	3386.	3481.		3437.	3436.	28
15 39W 26ACC	3322.	3471.	3449.	3424.	3422.	29
15 39W 28BBU	3365.	3500.	3489.	3463.	3460.	30
15 40W 38AB	3382.	3550.	3551.	3527.	3524.	31
15 40W 78BB	3446.	3589.	3589.	3565.	3563.	32
15 40W 9UCB	3392.	3568.	3562.	3536.	3535.	33
15 40W 13HAA	3400.	3538.	3530.	3503.	3504.	34
15 40W 14CCC	3377.	3554.		3523.	3522.	35

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
WALLACE COUNTY CONTINUED						
15 40W 208BD	3403.	3580.		3552.	3552.	36
15 40W 26CAB	3401.	3546.	3544.	3523.	3522.	37
15 40W 30DRB	3429.	3585.	3579.		3553.	38
15 41W 5ACB	3559.	3658.	3647.	3620.	3624.	39
15 41W 10BAB	3523.	3630.	3623.	3598.	3597.	40
15 41W 27CBC	3485.	3605.		3573.	3571.	41
15 41W 29CAC	3555.	3625.		3582.	3582.	42
15 41W 36DDB	3430.	3591.	3582.	3561.	3559.	43
15 42W 28BB	3629.	3695.	3687.	3660.	3660.	44
15 42W 98DD		3710.	3705.	3692.	3690.	45
15 42W 16ADC	3700.	3710.	3709.			46
15 42W 32BDA	3630.	3685.	3667.	3658.	3656.	47
15 42W 36CDC	3574.	3650.	3630.	3605.	3605.	48

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN WEST-CENTRAL KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
WICHITA COUNTY						
16 35W 10CD	3022.	3053.	3051.	3045.	3045.	1
16 35W 6AAB	3090.	3137.	3126.	3125.	3127.	2
16 35W 13CCC	3010.	3062.	3053.	3031.	3030.	3
16 35W 20CCC	3042.	3128.	3106.	3077.	3078.	4
16 35W 27BBC	3036.	3095.	3080.	3049.		5
16 35W 310BA	3038.	3133.	3115.	3090.	3091.	6
16 36W 30CC	3129.	3180.		3147.	3145.	7
16 36W 7BCB	3179.	3239.	3227.	3212.	3213.	8
16 36W 14CCD	3059.	3175.	3148.	3126.	3127.	9
16 36W 17ABC	3140.	3214.	3199.	3169.	3168.	10
16 36W 21CCC	3090.	3211.	3195.	3156.	3150.	11
16 36W 25BBB	3055.	3162.	3136.	3112.	3114.	12
16 36W 30CBC	3101.	3232.	3210.	3177.	3174.	13
16 36W 34CCC	3088.	3185.	3173.	3150.	3147.	14
16 36W 35CCC	3064.	3170.	3159.	3136.	3134.	15
16 36W 36CBC	3046.	3155.	3141.	3121.	3119.	16
16 37W 40CC	3231.	3300.		3263.	3262.	17
16 37W 13BBC	3180.	3253.	3238.	3210.	3209.	18
16 37W 15CCC	3165.	3286.	3262.	3229.	3228.	19
16 37W 17BBB	3205.	3313.	3298.	3265.	3261.	20
16 37W 27ABC	3150.	3272.	3248.	3217.	3214.	21
16 37W 29BBB	3175.	3308.	3290.	3250.	3249.	22
16 37W 30ACB	3200.	3312.	3288.	3255.	3254.	23
16 38W 58BB	3275.	3410.	3393.	3356.	3355.	24
16 38W 10ABB	3250.	3375.	3362.	3324.	3324.	25
16 38W 16ACC	3238.	3379.	3363.	3326.	3324.	26
16 38W 19BBB	3302.	3402.		3367.	3363.	27
16 38W 26BBB	3227.	3349.	3312.	3283.	3292.	28
16 38W 29ADB	3278.	3378.	3366.	3335.	3334.	29
17 35W 28BB	3000.	3080.		3044.	3044.	30
17 35W 15CDC	2990.	3096.	3084.	3068.	3066.	31
17 35W 18ACB	3031.	3129.	3115.	3092.	3092.	32
17 35W 27CCC	2985.	3104.	3085.	3054.	3051.	33
17 35W 30CB	3017.	3141.	3108.	3081.	3079.	34
17 36W 5CCD	3112.	3204.	3187.	3158.		35

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
WICHITA COUNTY CONTINUED						
17 36W 10CB8	3105.	3173.		3153.	3153.	36
17 36W 20DD8	3097.	3193.	3184.	3161.	3160.	37
17 36W 23BCC	3030.	3158.	3133.	3105.	3106.	38
17 36W 33BC8	3078.	3188.	3173.	3149.	3148.	39
17 36W 368BB	3030.	3152.	3121.	3093.	3092.	40
17 37W 3AAB	3165.	3260.	3245.	3218.	3219.	41
17 37W 88AA	3178.	3290.	3273.	3253.	3250.	42
17 37W 13CDD	3125.	3230.		3203.	3205.	43
17 37W 22CCC	3156.	3259.	3247.	3226.	3222.	44
17 37W 28CCC	3170.	3275.	3262.	3234.	3233.	45
17 38W 18AA	3214.	3314.	3291.	3277.	3277.	46
17 38W 68DD	3329.	3388.	3387.	3373.		47
17 38W 10AAB	3205.	3332.		3302.	3303.	48
17 38W 12DCB	3206.	3309.	3304.	3285.		49
17 38W 218BB	3281.	3346.	3346.	3327.	3325.	50
17 38W 24ACC	3184.	3308.	3290.			51
17 38W 27ACD	3246.	3325.		3289.	3288.	52
17 38W 28CCC	3256.	3341.	3332.	3309.	3307.	53
18 35W 2ACC	3008.	3090.	3074.		3049.	54
18 35W 88BC2	3031.	3135.		3079.		55
18 35W 14DCD	3034.	3091.	3080.	3056.	3058.	56
18 35W 17DAA	3044.	3122.				57
18 35W 34ABB	3049.	3107.	3094.	3072.	3071.	58
18 36W 2DCB	3053.	3161.	3147.	3128.	3126.	59
18 36W 98BB	3085.	3199.	3179.	3153.	3151.	60
18 36W 15DAD	3070.	3175.		3152.	3153.	61
18 36W 18DDC	3121.	3213.	3205.	3172.	3171.	62
18 36W 29ABB	3114.	3200.	3193.	3165.		63
18 36W 36CCC	3099.	3149.	3149.	3143.	3143.	64
18 37W 18BB	3141.	3235.	3207.	3182.	3179.	65
18 37W 3CCC	3151.	3262.		3211.	3211.	66
18 37W 5CB8	3181.	3288.		3230.	3231.	67
18 37W 148BB	3131.	3248.		3186.	3194.	68
18 37W 19AAD	3203.	3284.	3261.	3224.	3230.	69
18 37W 218BB	3185.	3275.	3246.	3206.	3208.	70

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
WICHITA COUNTY CONTINUED						
18 37W 348BB	3190.	3258.	3249.	3229.	3227.	71
18 37W 36ABB	3146.	3225.	3212.	3198.	3197.	72
18 38W 28CC	3215.	3319.	3298.	3271.	3268.	73
18 38W 88BD	3250.	3350.		3313.	3310.	74
18 38W 128CC	3199.	3310.	3284.	3251.	3248.	75
18 38W 20ACC2	3271.	3350.	3331.	3309.	3309.	76
18 38W 23BAB	3232.	3317.		3287.		77
18 38W 31DBC	3302.	3341.	3341.	3327.		78
18 38W 36DDD	3245.	3296.	3292.	3292.	3291.	79
19 35W 1AAA	3031.	3082.	3065.	3045.	3051.	80
19 35W 88BB	3082.	3132.		3123.	3125.	81
19 35W 298CB		3107.		3103.	3102.	82
19 36W 15BAA	3124.	3165.		3159.	3158.	83
19 37W 22AAB	3192.	3232.		3218.	3223.	84
19 38W 14AAB	3243.	3308.		3302.	3306.	85
19 38W 18DCC	3276.	3336.		3323.	3324.	86
19 38W 26CCB	3235.	3312.			3303.	87
19 38W 31CBC	3258.	3323.		3324.	3324.	88
20 35W 15BCC	3032.	3054.	3056.	3055.	3055.	89
20 36W 14DAD	3117.	3131.	3131.	3124.	3127.	90
20 37W 29DCC	3220.	3261.		3242.	3243.	91
20 38W 17CBD	3210.	3307.		3295.	3299.	92
20 38W 33BBA	3219.	3298.	3290.		3284.	93

Table 3.--Altitude of bedrock and water levels, southwestern Kansas.

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN SOUTHWESTERN KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
FINNEY COUNTY						
21 29W 36CCB	2588.	2594.	2593.	2590.	2588.	1
21 30W 58BB	2785.	2828.	2834.	2825.	2825.	2
21 31W 8ARB	2830.	2848.	2854.	2856.	2856.	3
21 32W 8ABD	2760.	2874.	2869.	2828.	2829.	4
21 32W 20CBD	2698.	2867.	2853.	2825.	2821.	5
21 32W 26DAA	2775.	2850.	2847.	2841.		6
21 33W 2ACB	2749.	2883.	2871.	2841.	2842.	7
21 33W 7DOA	2823.	2885.	2870.	2851.	2850.	8
21 33W 31CBB2	2808.	2878.	2876.	2832.	2829.	9
21 34W 14DBB			2878.	2842.	2850.	10
21 34W 16AAD2	2861.	2901.	2886.	2883.	2887.	11
22 27W 14ADC				2281.	2281.	12
22 31W 12CDC2	2761.	2813.	2811.	2807.	2804.	13
22 31W 16ADD	2723.	2820.	2818.	2806.	2806.	14
22 31W 35ABB	2728.	2805.	2797.	2784.	2782.	15
22 32W 8ACB	2660.	2851.	2844.	2818.	2816.	16
22 32W 21CCD	2705.	2845.	2837.	2803.	2803.	17
22 33W 30BC	2705.	2870.	2870.	2824.	2823.	18
22 33W 17ADB				2827.	2827.	19
22 33W 17DCD2	2761.	2869.	2860.	2802.	2798.	20
22 33W 22BAA	2710.	2860.	2853.	2820.	2823.	21
22 33W 32CBC	2660.	2870.	2841.	2780.	2776.	22
22 33W 36AAA2	2660.	2846.	2838.	2798.	2803.	23
22 34W 8BCB			2878.	2840.	2857.	24
22 34W 10AAA	2780.	2890.	2874.	2830.	2828.	25
22 34W 26ADD	2725.	2885.	2856.	2801.	2796.	26
22 34W 32BCB	2748.	2915.	2889.	2835.	2828.	27
23 27W 12CCC	2546.	2559.	2555.	2556.	2555.	28
23 27W 22DAB				2570.	2571.	29
23 28W 22DCD				2648.		30
23 28W 34DDC				2649.	2649.	31
23 29W 30BBB				2717.	2717.	32
23 29W 34CDD	2625.	2688.	2688.	2685.	2677.	33
23 30W 4CAC				2771.	2781.	34
23 30W 19CCB	2720.	2773.	2780.	2779.	2779.	35

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
FINNEY COUNTY CONTINUED						
23 31W 30CD	2710.	2805.	2794.	2778.	2779.	36
23 31W 35CCC	2675.	2780.	2778.	2768.		37
23 32W 11ADC	2700.	2825.	2819.	2805.	2799.	38
23 32W 18BCD	2588.	2843.	2832.	2774.	2814.	39
23 32W 19CB	2566.	2840.	2831.	2765.	2782.	40
23 32W 22DAB	2650.	2823.	2814.	2787.	2786.	41
23 32W 31CA	2552.	2835.	2827.	2782.	2790.	42
23 32W 35DBA	2625.	2812.	2800.	2774.		43
23 33W 10DCC	2575.	2855.	2842.	2763.	2774.	44
23 33W 17BRB	2564.	2878.	2844.	2763.	2782.	45
23 33W 26ABB	2563.	2848.	2840.	2759.	2787.	46
23 33W 28CDC	2565.	2858.	2843.	2782.		47
23 33W 32ABB	2560.	2861.	2845.	2802.	2799.	48
23 34W 10CD	2597.	2885.	2849.	2771.	2784.	49
23 34W 3BCB	2649.	2902.	2876.	2812.	2809.	50
23 34W 9DBB	2618.	2911.	2887.	2824.	2826.	51
23 34W 14BDC	2610.	2901.	2877.	2796.	2811.	52
23 34W 17CCC	2625.	2928.	2904.	2845.	2848.	53
23 34W 21DDC	2605.	2920.	2889.	2831.	2834.	54
23 34W 26CCC	2608.	2898.	2879.	2829.	2831.	55
23 34W 28CDA	2601.	2919.	2894.	2842.	2845.	56
24 31W 110BD	2641.	2768.	2767.	2756.	2757.	57
24 31W 27CCB	2588.	2769.	2763.		2758.	58
24 31W 31BCD	2560.	2784.	2785.	2780.		59
24 32W 3DAC	2582.	2811.	2800.	2787.	2785.	60
24 32W 5BCB	2560.	2828.	2824.			61
24 32W 25CB82	2570.	2791.		2786.	2785.	62
24 32W 29AC	2555.	2815.	2821.	2803.	2800.	63
24 32W 35DD	2555.	2790.	2784.	2776.	2776.	64
24 33W 9CCD	2510.	2854.				65
24 33W 9CCD2	2510.	2854.				66
24 33W 14BCB	2510.	2836.		2826.		67
24 33W 21CAB	2500.	2855.		2824.	2817.	68
24 33W 22DCA	2510.	2844.		2824.	2816.	69
24 33W 23BCA	2505.	2836.	2841.	2824.	2832.	70

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
FINNEY COUNTY CONTINUED						
24 33W 280AA	2500.	2852.		2809.	2805.	71
24 33W 34CAC	2475.	2850.		2809.	2806.	72
24 34W 1BCB	2578.	2882.	2869.	2846.		73
24 34W 5AAB	2600.	2910.	2907.	2878.		74
25 31W 88BA	2575.	2771.	2771.	2767.		75
25 31W 11CBC	2590.	2749.		2748.	2747.	76
25 31W 19CBD	2555.	2779.	2785.	2777.		77
25 31W 21CAB	2560.	2761.	2768.	2761.	2759.	78
25 31W 35DBA	2545.	2749.	2751.	2741.	2739.	79
25 32W 22DRD	2492.	2800.	2803.	2789.	2787.	80
25 32W 31DD	2375.	2816.	2818.	2796.	2794.	81
25 32W 35ADB	2440.	2790.	2789.	2779.	2777.	82
25 33W 5ABD	2410.	2868.		2832.	2829.	83
25 33W 9ABD	2395.	2859.		2818.	2815.	84
25 33W 15DAC	2380.	2844.		2805.	2801.	85
25 33W 17DRD	2410.	2862.		2833.	2833.	86
25 33W 21CAC	2400.	2855.	2856.	2837.	2834.	87
25 33W 350BD	2420.	2831.		2811.	2807.	88
25 34W 6AAA	2575.	2920.		2894.	2889.	89
25 34W 6AB	2585.	2922.	2922.	2899.	2895.	90
25 34W 10ABB	2550.	2900.		2887.	2894.	91
25 34W 17BDB	2495.	2909.		2871.		92
25 34W 25ABC	2440.	2878.		2851.		93
25 34W 34DRD	2505.	2880.	2875.	2862.	2857.	94
26 31W 1DD	2510.	2736.	2737.	2727.	2724.	95
26 31W 6BBC	2505.	2777.	2776.	2764.	2762.	96
26 31W 31CDC	2345.	2758.	2755.	2733.	2728.	97
26 31W 36CAC	2485.	2735.	2737.	2719.	2714.	98
26 32W 22ABB	2335.	2786.	2783.	2758.	2769.	99
26 32W 35CDA	2340.	2772.	2772.	2753.	2750.	100
26 33W 3DRB	2460.	2830.	2829.	2812.	2811.	101
26 33W 12CAD	2415.	2817.	2815.	2802.	2798.	102
26 33W 26ABB	2375.	2816.	2811.	2793.	2792.	103
26 34W 30BD	2550.	2890.	2872.	2864.		104

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN SOUTHWESTERN KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
FORD COUNTY						
25 26W 25CDD	2436.	2544.			2548.	1
25 26W 30ABC	2454.	2575.			2570.	2
26 26W 32ADD	2457.	2542.			2537.	3
26 26W 36DCC	2375.	2512.			2508.	4
27 23W 36CCC	2281.	2382.			2386.	5
27 24W 26DAA	2321.	2433.			2428.	6
27 26W 21DAA	2496.	2535.			2533.	7
28 21W 10DDD	2260.	2308.			2310.	8
28 22W 12CAC	2310.	2339.			2348.	9
28 22W 32BAB	2324.	2364.			2365.	10
28 24W 9CBC	2345.	2447.			2442.	11
28 25W 19BBB	2370.	2502.			2493.	12
28 26W 6AAB	2490.	2552.			2543.	13
29 22W 17DAD	2235.	2356.			2350.	14
29 23W 16CAA	2270.	2399.			2396.	15
29 24W 1ABA	2340.	2420.				16
29 24W 18BAA	2400.	2461.			2453.	17
29 25W 3ADA	2395.	2478.			2456.	18
29 26W 1CDD	2420.	2505.			2493.	19
29 26W 36BBB	2320.	2506.			2509.	20

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN SOUTHWESTERN KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
GRANT COUNTY						
27 35W 17ADD	2624.	2911.	2900.	2878.	2873.	1
27 36W 18DCB	2670.	2961.	2949.	2906.	2901.	2
27 36W 25CC	2695.	2917.	2879.	2861.	2857.	3
27 37W 4AB8	2764.	3010.	2994.	2940.	2936.	4
27 37W 11ABA	2725.	2986.	2962.	2923.	2912.	5
27 37W 22BB8			2966.	2908.	2908.	6
27 37W 29CBB	2760.	3029.	2995.	2898.	2892.	7
27 38W 12ADC	2796.	3042.	3011.	2911.	2907.	8
27 38W 15BB8			3015.	2972.	2975.	9
27 38W 22CBB	2770.	3061.	3033.	2908.	2926.	10
27 38W 23CB	2770.	3055.	3007.	2970.	2944.	11
27 38W 25BB8	2770.	3050.	3001.	2909.	2905.	12
27 38W 32BCC	2760.	3081.	3026.	2979.	2978.	13
28 35W 58CC	2660.	2880.	2864.	2833.	2826.	14
28 35W 15CBB	2555.	2851.	2813.	2794.	2790.	15
28 35W 36ABC	2460.	2810.	2796.	2755.	2749.	16
28 36W 2CDD2			2869.	2844.	2843.	17
28 36W 21CDD	2636.	2908.	2872.	2825.	2818.	18
28 37W 28BB83				2850.	2877.	19
28 37W 10BCD2	2707.	3008.	2956.	2888.	2880.	20
28 37W 30BRD	2670.	3032.	2993.		2915.	21
28 38W 78BB	2725.	3078.	3022.	2931.	2926.	22
28 38W 8BC	2700.	3074.	3004.	2910.	2905.	23
28 38W 12BCB	2727.	3050.	3013.	2942.	2929.	24
28 38W 12DDD	2715.	3040.		2931.	2941.	25
28 38W 17AAA	2690.	3071.	2994.	2920.	2915.	26
28 38W 31DBB	2720.	3080.	3037.	2972.	2967.	27
28 38W 33BD3	2690.	3066.	3032.	2981.	2973.	28
29 35W 1CCC	2505.	2805.		2748.	2752.	29
29 35W 68AA	2610.	2865.	2842.	2834.	2840.	30
29 35W 28ACC	2425.	2828.	2790.	2760.	2754.	31
29 36W 48AA2	2660.	2921.	2884.	2830.		32
29 36W 4BD	2655.	2922.	2894.	2807.	2801.	33
29 36W 19BCB	2590.	2951.	2877.	2823.	2820.	34
29 37W 3CD	2630.	2980.	2918.	2850.	2848.	35

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
GRANT COUNTY CONTINUED						
29 37W 8CBA	2635.	3019.	2950.	2876.	2868.	36
29 37W 22AAB	2580.	2991.	2935.	2877.	2878.	37
29 37W 29BBA	2590.	3020.	2946.	2871.	2855.	38
29 38W 3BAA	2654.	3059.	2992.		2915.	39
29 38W 8CCC	2674.	3080.	3045.	2995.	2982.	40
29 38W 20CDC			3058.	3016.	3013.	41
29 38W 22CBB	2620.	3059.	3039.		2981.	42
29 38W 35CCD	2655.	3050.	3009.	2978.	2975.	43
30 35W 2DBC	2495.	2795.	2779.	2743.	2738.	44
30 35W 19BCD	2530.	2870.	2851.	2818.	2829.	45
30 36W 1BBB	2510.	2875.	2843.	2791.	2785.	46
30 36W 4ABB				2852.	2852.	47
30 36W 6BBC	2610.	2954.	2883.	2827.	2818.	48
30 36W 7AAB	2580.	2947.	2870.	2840.	2838.	49
30 36W 16DAB	2595.	2918.	2886.	2843.	2837.	50
30 36W 25BCB	2560.	2886.		2854.	2856.	51
30 36W 32BBC	2680.	2951.	2941.	2919.	2915.	52
30 37W 2HAA2	2595.	2980.	2880.	2828.	2820.	53
30 37W 3DBA				2845.	2846.	54
30 37W 6DCC	2601.	3020.	2978.	2940.	2926.	55
30 37W 10DCB	2670.	2985.	2922.	2885.	2884.	56
30 37W 20CBC	2740.	3011.	2960.	2936.	2934.	57
30 38W 3DCC	2695.	3056.	3022.	2992.	2987.	58
30 38W 13CCC			2995.	2961.	2958.	59
30 38W 15DBC	2784.	3055.	3025.	2995.	2990.	60
30 38W 30ACA	2775.	3083.	3070.	3032.	3027.	61

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN SOUTHWESTERN KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
GRAY COUNTY						
24 27W 8CCC	2559.	2631.	2638.	2626.	2619.	1
24 27W 14ABA	2562.	2580.	2588.	2589.	2580.	2
24 28W 10ADD	2543.	2651.		2646.		3
24 28W 31DD	2490.	2663.	2666.	2634.	2625.	4
24 28W 36ACA	2585.	2635.	2637.	2627.	2626.	5
24 29W 16DCA	2565.	2689.	2691.	2678.	2677.	6
24 29W 18CCB	2594.	2708.	2704.	2696.	2695.	7
24 30W 18CB	2639.	2720.		2720.	2714.	8
24 30W 8DCD	2621.	2745.		2732.	2721.	9
24 30W 15CCC	2598.	2732.		2703.	2699.	10
25 27W 33ABB	2479.	2594.	2596.	2591.	2591.	11
25 29W 7BCB	2549.	2699.	2701.	2693.	2692.	12
25 29W 14AB	2450.	2669.	2669.	2648.	2649.	13
25 30W 20BCB	2550.	2725.	2724.	2722.	2720.	14
25 30W 22ACD	2545.	2708.	2707.		2701.	15
26 27W 13BBC	2402.	2558.	2559.	2558.	2556.	16
26 27W 18ADC	2394.	2590.		2587.	2586.	17
26 27W 27CDD	2390.	2579.		2574.	2570.	18
26 28W 10ACB2	2460.	2616.	2613.	2606.	2606.	19
26 29W 7CB	2525.	2696.	2703.	2691.	2691.	20
26 29W 9DBA	2475.	2673.	2682.	2671.		21
26 29W 35CCC	2500.	2670.	2670.	2664.	2660.	22
26 30W 17AD	2480.	2723.	2727.	2717.	2711.	23
26 30W 24DDO	2501.	2700.		2684.	2682.	24
27 27W 7ADC	2500.	2604.	2612.	2602.		25
27 27W 10CDB	2477.	2581.	2589.	2581.	2579.	26
27 27W 25CCD	2504.	2565.	2568.	2561.	2560.	27
27 28W 5AAA	2479.	2641.		2635.	2627.	28
27 28W 30CCA	2520.	2660.				29
27 29W 9DA	2469.	2680.	2689.	2674.	2664.	30
27 30W 8BBB	2525.	2722.	2723.	2705.	2696.	31
27 30W 23BB	2525.	2704.	2708.	2690.	2685.	32
27 30W 25CCB	2439.	2698.	2705.	2687.	2683.	33
27 30W 34CCC	2403.	2705.	2706.	2686.	2682.	34
28 27W 3BBB	2495.	2589.		2585.	2582.	35

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
GRAY COUNTY CONTINUED						
28 28W 20ADD2	2575.	2650.	2649.	2643.	2635.	36
28 29W 16ACC	2500.	2678.	2674.	2652.	2649.	37
28 30W 68BA	2355.	2715.	2717.	2691.	2677.	38
28 30W 10DDD	2345.	2699.	2693.	2668.	2662.	39
28 30W 17BBA	2320.	2707.	2707.	2678.	2667.	40
28 30W 24BAB	2375.	2690.	2684.	2658.	2644.	41
29 27W 30BCC	2375.	2568.	2552.	2542.	2539.	42
29 27W 36ABA	2225.	2528.	2519.	2500.	2496.	43
29 28W 18CCC	2525.	2635.		2614.	2612.	44
29 28W 19DDD	2420.	2620.	2616.	2603.	2601.	45
29 28W 28CDC	2410.	2600.	2597.	2586.		46
29 29W 10BBB	2495.	2659.	2656.	2635.	2637.	47
29 29W 27BCB	2245.	2641.	2638.	2622.	2621.	48
29 30W 58BBB	2355.	2691.	2684.	2665.	2660.	49
29 30W 12CCC	2290.	2670.		2649.	2645.	50
29 30W 22BBC	2370.	2672.	2671.	2650.	2646.	51
29 30W 35ACD	2360.	2659.	2657.	2635.		52

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN SOUTHWESTERN KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
HAMILTON COUNTY						
21 39W 7CHA	3282.	3301.	3303.		3307.	1
22 39W 3HBB	3254.		3262.	3269.	3269.	2
22 39W 80DD	3254.		3290.	3290.	3291.	3
23 39W 15ADD	3181.		3195.	3195.	3195.	4
23 40W 29DDDB			3157.	3125.	3116.	5
23 42W 19CBB	3272.	3319.	3315.	3312.	3312.	6
23 42W 26DCA	3239.	3280.	3285.	3281.	3280.	7
23 42W 27DDDB	3241.	3288.	3291.	3289.	3287.	8
23 42W 34CBB	3249.	3294.	3297.	3293.	3294.	9
23 43W 21ABA	3335.	3349.	3349.	3346.	3346.	10
23 43W 23BCB	3288.	3335.	3335.	3333.	3333.	11
23 43W 25CB02	3288.	3327.	3326.	3326.	3325.	12
23 43W 26BCC	3321.	3336.	3336.	3333.	3335.	13
24 39W 19CBC	3110.	3169.	3168.	3165.	3164.	14
24 39W 22CCB	3110.	3144.	3140.	3137.	3137.	15
24 39W 30BRD	3100.	3168.	3168.	3166.	3165.	16
24 39W 30CAD	3105.	3167.	3166.	3163.	3162.	17
24 39W 35BAC	3100.	3134.	3138.	3133.	3133.	18
24 39W 35CBA	3060.	3135.	3135.	3129.	3129.	19
24 40W 7CBB	3175.	3219.	3219.	3218.	3216.	20
24 40W 17BBB	3150.	3208.		3204.	3204.	21
24 40W 23AAB	3100.	3178.	3180.	3178.	3176.	22
24 40W 31BBB			3223.	3223.	3223.	23
24 41W 1DAD	3209.		3239.	3227.	3233.	24
24 42W 4AAD	3260.	3297.	3297.	3294.	3294.	25
24 42W 28DDD			3295.		3293.	26
24 43W 14CBB		3338.	3341.		3338.	27
25 39W 2CAD	3110.	3132.	3128.	3125.	3125.	28
25 39W 23BDD	3153.		3207.		3195.	29
25 39W 34DCA			3209.	3210.		30
25 40W 1CA	3160.	3172.	3172.		3166.	31
25 40W 26BRB		3199.	3197.	3192.	3192.	32
25 42W 20ADA			3375.	3345.		33
25 43W 3ABB			3384.		3321.	34
25 43W 21AAB			3393.			35

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
HAMILTON COUNTY CONTINUED						
25 43W 25CCD	3265.	3389.	3369.	3348.	3346.	36
26 39W 18AA			3176.		3179.	37
26 40W 18BA			3339.		3340.	38
26 41W 12DCC			3192.	3171.	3165.	39
26 41W 20BBD	3075.	3300.	3296.	3281.	3287.	40
26 41W 36CCC	3039.	3235.	3241.	3225.	3227.	41
26 42W 10B82	3160.	3353.	3328.	3299.	3302.	42
26 42W 17CB			3350.	3318.	3312.	43
26 42W 22CDB	3200.	3335.	3319.	3278.	3269.	44
26 43W 25DCC				3322.	3317.	45

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN SOUTHWESTERN KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
HASKELL COUNTY						
27 31W 7BDA	2327.	2753.	2756.	2735.	2734.	1
27 31W 218BC	2339.	2737.	2732.	2714.	2712.	2
27 31W 24CDC	2450.	2722.	2718.	2694.	2692.	3
27 31W 318CC	2375.	2744.	2740.	2718.	2710.	4
27 32W 6CBB	2440.	2798.		2777.	2774.	5
27 32W 13ABB	2370.	2756.			2733.	6
27 32W 19CCD	2450.	2788.	2776.	2756.	2752.	7
27 33W 29DAA	2455.	2801.	2809.	2771.	2765.	8
27 33W 330CD	2390.	2788.	2781.	2749.	2739.	9
27 34W 160DD3	2530.	2859.	2855.	2840.		10
27 34W 28DAA	2545.	2855.	2854.	2827.	2832.	11
28 31W 2CCB	2290.	2723.	2716.			12
28 31W 32ABB	2390.	2718.	2714.	2689.	2687.	13
28 31W 35CCB	2420.	2707.	2691.	2677.	2670.	14
28 32W 9CCC	2398.	2753.	2747.	2719.		15
28 32W 18BBB	2370.	2759.	2748.	2701.	2691.	16
28 32W 24BCC	2361.	2735.	2728.	2704.	2702.	17
28 32W 35BBA	2350.	2730.	2725.	2698.	2697.	18
28 33W 218CC	2395.	2755.	2745.	2690.		19
28 33W 240BC	2350.	2749.		2674.	2669.	20
28 33W 27AAB	2370.	2744.	2732.	2672.		21
28 34W 138BB	2475.	2775.	2761.	2713.	2706.	22
28 34W 15DAB	2450.	2777.	2757.	2729.	2708.	23
28 34W 32ADD	2460.	2794.	2774.	2729.	2721.	24
29 31W 9CH	2405.	2705.	2702.	2682.	2675.	25
29 31W 14BBB	2425.	2694.	2690.	2666.	2662.	26
29 31W 34BCA	2390.	2690.	2685.	2662.	2660.	27
29 32W 4BCC	2345.	2732.	2718.	2692.	2690.	28
29 32W 16DAA	2370.	2716.	2702.	2687.	2667.	29
29 32W 19CC	2325.	2715.	2705.	2671.	2666.	30
29 32W 26CB2	2372.	2704.	2691.	2662.	2659.	31
29 33W 1AAB	2345.	2733.	2720.	2670.	2653.	32
29 33W 5ACA	2375.	2753.	2740.	2690.	2681.	33
29 33W 118BC	2345.	2731.		2673.	2654.	34
29 33W 28BCB	2405.	2751.		2695.	2692.	35

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
HASKELL COUNTY CONTINUED						
29 34W 2ABB	2430.	2780.	2761.	2714.	2700.	36
29 34W 9CBB	2452.	2793.	2773.	2729.	2723.	37
29 34W 11ADD	2455.	2778.	2751.	2696.	2692.	38
29 34W 24BCC	2415.	2770.	2765.	2717.	2699.	39
29 34W 28CCD	2455.	2781.	2770.	2734.		40
29 34W 36CBC	2420.	2763.		2709.	2704.	41
30 31W 6BBB	2352.	2693.	2683.	2665.	2657.	42
30 31W 15ABB	2300.	2677.		2639.	2634.	43
30 31W 24BBB	2290.	2668.	2666.	2649.	2642.	44
30 31W 33BBB	2340.	2673.		2635.	2631.	45
30 32W 11BBB	2325.	2697.	2683.	2657.	2648.	46
30 32W 17BCC	2352.	2710.	2698.	2666.	2659.	47
30 32W 22BBB	2364.	2700.	2684.	2661.	2659.	48
30 32W 31BAB	2440.	2712.	2704.	2678.	2673.	49
30 33W 2AAB	2340.	2721.	2711.		2658.	50
30 33W 6DRD	2390.	2753.	2745.	2712.	2710.	51
30 33W 30CBD	2450.	2748.	2743.	2724.	2723.	52
30 34W 58BB	2475.	2783.	2773.	2741.	2736.	53
30 34W 16BBB	2475.	2776.	2772.	2747.	2744.	54
30 34W 30ADD	2520.	2779.	2776.	2756.		55

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN SOUTHWESTERN KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
HODGEMAN COUNTY						
21 21W 21BCC	2062.	2102.		2090.		1
21 22W 3BBA	2090.	2140.		2129.		2
21 25W 14BCB	2230.			2277.		3
21 26W 35AAC	2300.			2338.		4
22 21W 2BBC	2017.	2090.		2081.		5
22 21W 6DCC	2050.	2104.		2106.		6
22 22W 4AAA	2090.	2169.		2177.		7
22 22W 230DD	2075.	2132.		2130.		8
22 22W 27DCC	2109.	2140.		2136.		9
23 23W 1BAA	2130.	2182.		2167.		10
23 24W 11ABB	2225.			2256.		11
23 26W 7CCC				2292.		12
23 26W 31CDD	2499.	2550.		2553.		13
24 21W 20CBB				2269.		14
24 23W 3CCC	2332.			2365.		15
24 24W 2CCC	2388.			2427.		16
24 24W 20CCC	2425.			2446.		17

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN SOUTHWESTERN KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
KEARNY COUNTY						
22 35W 23CDD	2850.	2930.	2917.	2902.		1
23 35W 5ACC	2916.	2978.	2973.	2953.	2951.	2
23 35W 12CCC	2640.	2942.	2930.	2880.	2875.	3
23 35W 25BBB2	2620.	2959.	2946.	2906.	2901.	4
23 35W 29DAC2	2688.	2990.	2981.	2965.	2960.	5
23 36W 4CBB	2985.	3041.	3050.	3042.	3042.	6
23 36W 32BBB	2929.	3045.	3016.	2998.	2998.	7
23 37W 9ADD	3055.	3087.	3086.	3078.	3073.	8
23 37W 19CCC	3031.	3102.	3092.	3071.	3069.	9
23 37W 28CCB	3003.	3085.	3066.	3047.	3044.	10
23 37W 36BAB	2953.	3058.	3033.	3011.	3007.	11
24 35W 9CCC	2640.	2968.	2967.	2954.	2950.	12
24 35W 13CCC2	2595.	2929.	2933.	2922.	2922.	13
24 35W 20CCC2	2645.	2958.	2963.	2953.	2951.	14
24 35W 22CCC	2625.	2940.	2955.	2943.	2940.	15
24 36W 158CB	2884.	3008.	2999.	2976.	2971.	16
24 36W 23CB82	2704.	2988.	2989.	2979.	2975.	17
25 35W 28AA	2590.	2938.		2911.	2908.	18
25 35W 17AAA	2590.	2958.		2930.	2925.	19
25 35W 26BAB	2555.	2935.		2920.	2919.	20
25 35W 28DBB	2600.	2948.	2944.	2933.	2921.	21
25 36W 11CBC	2650.	2990.	2992.	2982.	2980.	22
25 36W 18ACC	2800.	3014.	3017.	3007.	3004.	23
25 36W 28BBB	2688.	2999.		2978.	2984.	24
25 36W 35ACC	2660.	2975.	2969.	2952.	2950.	25
25 37W 15ABA2	3020.	3045.		3038.	3038.	26
25 37W 15DDD	2985.	3039.	3038.	3035.	3034.	27
25 37W 25BAD2			3018.	3002.	2999.	28
25 38W 8CAA			3102.	3095.	3098.	29.
25 38W 20ACC			3112.	3107.	3106.	30
25 38W 26ACC	3000.	3082.	3080.	3075.	3074.	31
26 35W 6ADA	2590.	2950.	2947.	2928.	2928.	32
26 35W 100BC	2540.	2923.	2921.	2911.	2908.	33
26 36W 10BB	2610.	2962.		2939.	2938.	34
26 36W 48DA	2680.	2982.	2978.	2964.	2962.	35

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
KEARNY COUNTY CONTIHNUED						
26 36W 14ACD	2650.	2958.	2963.	2950.	2947.	36
26 37W 6ACB	2990.		3066.	3064.	3063.	37
26 37W 21DDD	2737.	3015.	2998.	2979.	2977.	38
26 37W 25CDB	2710.	2990.	2977.	2952.	2948.	39
26 38W 8AAD			3108.	3110.		40

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN SOUTHWESTERN KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL	WATER-LEVEL	WATER-LEVEL	WATER-LEVEL	NUMBER OF WELLS
		ALTITUDE IN 1940 (FEET)	ALTITUDE IN 1966 (FEET)	ALTITUDE IN 1977 (FEET)	ALTITUDE IN 1978 (FEET)	
MEADE COUNTY						
30 26W 4CBB	2090.	2514.	2504.	2487.	2486.	1
30 26W 78BB	2140.	2519.	2511.	2490.	2492.	2
30 26W 17BBC	2120.	2509.	2498.	2486.	2483.	3
30 26W 31CBC	2135.	2471.	2471.	2455.	2453.	4
30 27W 4DRD	2230.	2545.	2541.	2507.	2510.	5
30 27W 22CDD	2190.	2504.	2506.	2509.	2509.	6
30 27W 23ABB	2210.	2519.	2515.	2492.	2497.	7
30 27W 32DDD	2160.	2449.	2463.		2466.	8
30 28W 2BAA	2230.	2577.	2563.	2554.	2552.	9
30 28W 17ABB	2180.	2595.	2587.	2580.	2574.	10
30 29W 3DCC	2264.	2626.	2621.	2610.	2606.	11
30 29W 23CAD	2200.	2610.	2603.	2589.	2586.	12
30 29W 28BBB	2205.	2621.	2620.	2603.	2599.	13
30 29W 32BBB	2220.	2623.	2625.	2607.	2603.	14
30 30W 12CBB	2320.	2650.	2647.	2625.	2623.	15
30 30W 28ABB	2295.	2653.	2657.	2625.	2620.	16
31 26W 30BBB2	2303.	2419.		2424.	2421.	17
31 27W 20AAA2	2140.	2451.		2430.	2435.	18
31 28W 10BCB	2180.	2529.	2531.	2514.	2506.	19
31 29W 25AAA2	2260.	2553.	2541.	2530.	2526.	20
31 29W 30AAA	2280.	2605.	2611.	2598.	2593.	21
31 30W 16BBC	2265.	2634.	2636.	2602.	2600.	22
32 28W 4ADD	2180.	2483.	2480.	2478.	2477.	23
32 28W 14CBC	2130.	2424.	2424.	2422.	2422.	24
32 29W 5CC	2255.	2580.	2582.	2567.	2558.	25
32 29W 27AAB2	2133.	2545.		2546.	2544.	26
32 30W 9CCC	2260.	2609.	2607.	2589.	2580.	27
32 30W 28BBC	2300.	2592.	2589.	2567.	2560.	28
32 30W 35CAD2	2240.	2570.	2553.		2537.	29
33 28W 29BC	2195.	2357.	2357.	2354.	2354.	30
33 29W 36AAB	2180.	2382.	2382.	2377.	2378.	31
33 30W 35CB	2140.	2523.	2526.	2523.	2521.	32
34 30W 22CBC	2000.	2484.		2482.	2482.	33
34 30W 27BBB2	1989.	2473.		2473.	2471.	34
35 30W 10CDA	2075.	2370.	2370.	2366.	2370.	35

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN SOUTHWESTERN KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
MORTON COUNTY						
31 39W 18CCC	3020.	3130.	3110.	3063.	3070.	1
31 39W 33BCC	3038.		3093.	3051.	3051.	2
31 40W 10A	2960.	3125.	3103.	3074.	3069.	3
31 40W 29ABB	3098.	3190.	3165.	3151.	3152.	4
31 41W 7CDD			3306.	3305.	3305.	5
31 41W 31CBB			3368.	3344.	3350.	6
31 42W 29AAB		3436.	3417.	3401.	3403.	7
31 43W 3CB		3548.	3543.	3543.	3544.	8
31 43W 14DDC			3508.	3509.	3508.	9
31 43W 20CBB		3600.	3597.	3574.	3552.	10
32 39W 9DD	2980.	3130.	3101.	3070.		11
32 40W 21ADB	3105.	3210.	3186.	3154.	3152.	12
32 41W 15CDC			3342.	3339.	3341.	13
32 42W 14CCC			3409.	3388.	3386.	14
32 42W 21BCC			3412.	3382.	3380.	15
32 42W 26CDD			3383.	3347.	3342.	16
32 43W 17DCC	3480.	3566.	3566.	3554.	3552.	17
33 39W 16A8B	2890.	3152.	3164.	3160.	3160.	18
33 40W 27CCC	2985.	3210.	3228.	3227.	3226.	19
33 41W 3AAD			3308.	3273.	3275.	20
33 41W 21CCC	3230.	3330.	3316.	3312.	3314.	21
33 41W 33DDD	3220.	3309.	3308.	3313.	3315.	22
33 42W 1AA	3270.	3390.	3404.	3398.	3399.	23
33 42W 21BCB	3360.	3440.	3442.	3439.	3439.	24
33 43W 8BDA			3548.	3545.	3543.	25
34 42W 5BDC			3411.	3410.	3411.	26
34 42W 22CDB	3380.	3400.		3411.	3410.	27
34 43W 7BDD			3508.	3506.	3506.	28
35 40W 38BB	2960.	3188.	3184.	3192.	3193.	29
35 43W 13BDB	3310.	3464.		3441.	3439.	30

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN SOUTHWESTERN KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
SEWARD COUNTY						
31 31W 8BCC	2310.	2665.	2660.	2637.	2632.	1
31 31W 13BCB	2275.	2646.	2646.	2619.	2616.	2
31 32W 30AD	2349.	2687.	2671.	2653.	2646.	3
31 32W 21CBA	2390.	2685.	2675.	2648.	2650.	4
31 32W 34CBB	2350.	2669.	2670.			5
31 33W 6CBD	2450.	2738.	2737.	2722.	2718.	6
31 33W 20DBB	2360.	2718.	2718.	2703.	2700.	7
31 34W 18BBB	2530.	2765.	2765.	2748.	2746.	8
32 31W 8BBB	2360.	2640.	2649.	2626.	2625.	9
32 31W 26CAA	2330.	2603.	2600.	2577.	2584.	10
32 31W 31ACC	2340.	2605.	2600.		2584.	11
32 32W 14BBB	2395.	2650.	2637.	2619.	2615.	12
32 32W 19BAB	2379.	2665.	2659.	2645.	2643.	13
32 33W 12BCC	2430.	2682.	2680.	2661.	2660.	14
32 33W 21CDB	2347.	2681.	2680.	2677.		15
32 34W 10DA	2455.	2720.	2721.	2726.	2714.	16
32 34W 17DCC	2460.	2740.	2730.	2716.	2714.	17
32 34W 32BBB	2430.	2762.	2767.	2754.	2753.	18
33 32W 25BBB	2180.	2550.	2547.			19
33 32W 28CDD	2231.	2570.		2573.	2571.	20
33 32W 28CDD2	2231.	2570.		2576.	2574.	21
33 33W 12AAD	2310.	2621.	2620.	2619.	2618.	22
34 31W 30BBB	2060.	2523.		2522.	2522.	23
34 31W 30BBB2	2060.	2523.		2525.	2524.	24
34 32W 35ADA				2545.	2543.	25
34 33W 7CCB	2326.	2761.	2774.	2773.	2772.	26
34 34W 16DAA	2270.	2829.	2848.	2821.	2825.	27
34 34W 17DDD	2520.	2840.		2835.	2833.	28
35 31W 18BBA	2210.	2520.	2525.	2535.	2535.	29
35 33W 16BCA	2180.	2712.	2734.	2726.	2723.	30
35 34W 10BBB	2265.	2822.	2832.		2844.	31

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN SOUTHWESTERN KANSAS.

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
STANTON COUNTY						
27 39W 28BB	3120.	3129.	3129.	3128.	3129.	1
27 39W 23ACC2	2774.	3099.	3065.	2980.	2981.	2
27 39W 278BA	2780.	3107.	3073.	3015.	3009.	3
27 39W 34DDD	2749.	3099.	3039.	2935.	2927.	4
27 40W 21DAA	3005.	3183.	3186.	3168.	3163.	5
27 40W 25CBC	2900.	3155.	3142.	3111.	3107.	6
27 41W 31CCB2	3094.	3246.	3234.	3184.	3178.	7
27 41W 35CCC			3205.	3177.	3181.	8
27 42W 11DBD	3159.	3289.	3293.	3257.	3255.	9
27 42W 31CCC			3344.	3312.	3308.	10
28 39W 58BB2	2840.	3131.	3131.	3085.	3081.	11
28 39W 14BBC			3061.	3035.		12
28 39W 31BCC	2795.	3141.	3109.	3069.	3067.	13
28 39W 33ACC	2773.	3119.	3081.	3032.	3026.	14
28 39W 36ABB	2733.	3088.	3045.	2989.	2981.	15
28 40W 4CCC	2935.	3179.	3173.	3126.	3127.	16
28 40W 12DDC2	2840.	3142.	3118.	3051.	3045.	17
28 40W 23ACC	2850.	3151.	3134.	3088.	3084.	18
28 40W 32CCB	2874.	3162.	3148.	3091.	3085.	19
28 41W 12BBC	2990.	3194.	3184.	3146.	3144.	20
28 41W 31BDD	3134.	3259.	3268.	3236.	3235.	21
28 42W 8CCC	3239.	3340.	3305.	3281.	3274.	22
28 42W 32BBB			3324.	3311.	3313.	23
29 39W 17BCB	2783.	3131.	3111.	3058.	3053.	24
29 39W 21DBD	2770.	3121.	3100.	3055.	3053.	25
29 39W 24DDA	2705.	3092.	3074.	3031.	3026.	26
29 41W 13ACC	2944.	3168.	3151.	3107.	3102.	27
29 41W 31CBD			3240.	3217.	3214.	28
29 42W 8CDC			3330.	3317.	3322.	29
29 42W 11DCD			3274.	3260.	3252.	30
29 42W 24CCC			3263.	3277.	3275.	31
29 43W 33CDB			3534.	3538.	3538.	32
30 39W 2ABB	2760.	3105.	3088.	3047.	3043.	33
30 39W 18BBB			3117.	3088.	3082.	34
30 39W 23BBB	2775.	3107.	3090.	3049.	3044.	35

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
STANTON COUNTY CONTINUED						
30 39W 32DA	2979.	3122.	3109.	3070.	3065.	36
30 39W 36BDD	2766.	3099.	3078.	3041.	3036.	37
30 40W 24CDC			3122.	3092.	3088.	38
30 40W 33CCB			3145.	3126.	3120.	39
30 41W 13CCC	3130.	3188.	3176.		3148.	40
30 41W 32BAA			3242.			41
30 42W 12ACC			3269.	3262.	3251.	42
30 42W 16BDB			3336.	3338.	3341.	43
30 43W 34BBB	3519.	3580.	3556.	3539.	3540.	44
30 43W 36BB			3523.	3519.	3518.	45

TABLE 3.--ALTITUDE OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN SOUTHWESTERN KANSAS.

210

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
STEVENS COUNTY						
31 35W 7BBB	2580.	2845.	2831.	2792.	2788.	1
31 35W 15BAA	2560.	2785.	2773.		2747.	2
31 35W 19CCC	2549.	2865.	2852.	2828.	2825.	3
31 35W 26DCC	2541.	2775.	2758.	2733.	2727.	4
31 36W 2CDD	2654.	2880.	2863.	2850.	2850.	5
31 36W 18BAA	2680.	2960.	2954.	2926.	2922.	6
31 36W 27BCB	2610.	2935.	2934.	2908.	2906.	7
31 37W 9BCC	2700.	2995.	2973.	2934.		8
31 37W 22BCC	2656.	2990.	2968.	2933.	2923.	9
31 38W 17CDA	2790.	3060.	3039.	2995.	2999.	10
31 38W 34BAC	2725.	3048.	3044.	3033.		11
31 39W 23BBB	2940.	3101.	3082.	3048.	3044.	12
32 35W 2CBB	2569.	2789.	2757.	2731.		13
32 35W 8DDD	2510.	2882.			2868.	14
32 37W 4ACA	2620.	2997.	2979.	2949.	2944.	15
32 37W 10DCC	2580.	2993.	2984.	2967.	2966.	16
32 38W 6ACC	2830.	3090.	3094.	3092.	3093.	17
32 38W 11ADA	2630.	3041.	3045.	3044.	3041.	18
32 38W 23DDD	2670.	3059.	3069.	3056.	3055.	19
32 39W 28BBB	2920.	3120.	3083.	3043.	3040.	20
32 39W 15BCA	2980.	3130.	3119.			21
33 36W 11DDC	2545.	2919.	2917.	2891.	2888.	22
33 36W 26DDD	2610.	2911.	2913.	2893.	2884.	23
33 37W 9BCC	2588.	3032.		3036.	3035.	24
33 37W 17CCC	2570.	3041.	3035.	3043.	3041.	25
33 37W 23CDB	2530.	3005.	3008.	2996.	2996.	26
33 38W 6AAB	2825.	3110.	3108.	3111.	3109.	27
33 38W 10ACC	2700.	3065.	3058.	3047.	3043.	28
33 38W 20DDB	2735.	3085.	3066.	3051.	3055.	29
33 38W 25DDC	2595.	3050.	3059.			30
34 35W 7BCC	2420.	2905.	2911.	2883.		31
34 35W 18BAC	2368.	2905.		2889.	2894.	32
34 37W 8DAC	2520.	3029.	3049.	3045.	3043.	33
34 37W 27ABC	2600.	3007.	3026.	3028.	3024.	34
34 38W 2CDB	2620.	3058.	3061.	3054.		35

TABLE 3 CONTINUED

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	WATER-LEVEL ALTITUDE IN 1978 (FEET)	NUMBER OF WELLS
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STEVENS COUNTY CONTINUED

34 38W 34BDB	2640.	3055.	3068.			36
34 39W 2CCA	2715.	3130.	3140.	3145.	3145.	37
34 39W 14DDD	2779.	3122.		3117.	3117.	38
34 39W 15CAD	2770.	3139.	3138.	3144.	3144.	39
35 36W 1AAA	2432.	2902.		2914.	2913.	40
35 39W 10CAD	2800.	3119.	3114.	3117.	3108.	41

Table 4.--Water levels in south-central Kansas, January 1978.

TABLE 4.--SOUTH-CENTRAL KANSAS WATER LEVELS, JANUARY 1978

BARTON COUNTY

EDWARDS COUNTY

WELL NUMBER	WATER LEVEL BELOW LAND SURFACE IN FEET	WELL NUMBER	WATER LEVEL BELOW LAND SURFACE IN FEET	WELL NUMBER	WATER LEVEL BELOW LAND SURFACE IN FEET	WELL NUMBER	WATER LEVEL BELOW LAND SURFACE IN FEET
18 11W 10BCC	24.44	20 12W 23CCA	11.58	24 16W 12CBC	14.93	25 18W 9AAA	21.90
19 13W 8BAD	17.98	20 13W 17DDC	13.60	24 16W 15DAC	11.75	25 18W 13BDB	27.77
19 13W 33DDB	8.04	20 13W 24DCB	16.17	24 17W 12ACA	20.25	25 18W 33CDC	24.13
19 14W 29DDB	24.73	20 14W 13DDB	18.20	24 17W 20ADC	22.40	25 19W 26DDB	32.54
20 11W 26AAC	9.07	20 14W 22DCB	12.44	24 17W 24DDO	21.25	25 19W 31CAB	17.79
20 12W 3DAC	6.50	20 15W 24D	12.35	24 18W 17ABD	26.96	26 16W 31CCA	28.30
				24 18W 28DAC	26.49	26 16W 34ABC	17.80
				24 18W 36DDC	30.42	26 17W 4AAC	40.30
				25 16W 28BB	17.79	26 17W 14BAA	20.00
				25 16W 27AAC	13.53	26 17W 18BRD	22.95
				25 16W 31DAD2	20.03	26 17W 33DDB	19.45
				25 17W 10AB	19.35	26 18W 15DCB	24.22
				25 17W 3BAC	22.77	26 18W 31CCC	38.58
				25 17W 13BCD	21.03	26 18W 35ACC	19.00
				25 17W 17AAC	22.63	26 19W 16BCB	32.09
				25 17W 318BD	18.29	26 19W 23ABA	32.25
				25 18W 7ABD	30.06	26 19W 34BBD	32.98

KIOWA COUNTY

PAWNEE COUNTY

WELL NUMBER	WATER LEVEL BELOW LAND SURFACE IN FEET	WELL NUMBER	WATER LEVEL BELOW LAND SURFACE IN FEET	WELL NUMBER	WATER LEVEL BELOW LAND SURFACE IN FEET	WELL NUMBER	WATER LEVEL BELOW LAND SURFACE IN FEET
27 16W 10BAC	22.98	28 16W 17AAC	118.30	21 15W 11CB8	9.47	22 16W 28BBB	25.23
27 16W 19BBB	27.60	28 17W 1CAB	56.53	21 15W 24BBB	15.00	22 17W 5BRC	24.22
27 16W 28CDD	59.37	28 17W 5DDB	55.40	21 15W 31BAD	16.03	22 17W 18AAD	35.28
27 17W 21ADC	30.40	28 17W 15DDB	90.67	21 19W 27CCC	38.95	22 17W 24CBC	9.26
27 18W 13AAA	20.40	28 18W 9BAC	61.40	22 15W 3AAA2	22.63	22 19W 10BBB	48.47
27 18W 18DDC	15.70	28 18W 19CCB	83.70	21 18W 32DAA	28.63	23 15W 18DDB	27.77
27 18W 22ADC	21.25	28 18W 26DCA	117.64	21 19W 30BCC	42.52	23 16W 16BAB	13.65
27 19W 16DBD	48.41	28 19W 10CAD	62.80	21 20W 29BBB	42.99	23 16W 35CCD	17.74
27 19W 28CBD	69.19	28 19W 30CBC	113.17	22 15W 13DCA	26.55	23 17W 10CDB	30.95
27 20W 12BCD	39.95	28 19W 33CBD	133.49	22 15W 20CDC	23.45	23 17W 25ADC	17.20
27 20W 26ABD	40.54	28 20W 12BBB	55.36	22 16W 3CBC2	13.58	23 17W 33CCA	23.50
27 20W 32ABD	43.74	28 20W 16ACB	57.65	22 16W 6BB	18.40	23 18W 28UAD	9.55
28 16W 12BCA	96.14	28 20W 30ACA	40.07	22 16W 23AAA	28.91	23 18W 36DAC	21.16

TABLE 4.--SOUTH-CENTRAL KANSAS WATER LEVELS, JANUARY 1978--CONTINUED.

PRATT COUNTY

RENO COUNTY

WELL NUMBER	WATER LEVEL BELOW LAND SURFACE IN FEET	WELL NUMBER	WATER LEVEL BELOW LAND SURFACE IN FEET	WELL NUMBER	WATER LEVEL BELOW LAND SURFACE IN FEET	WELL NUMBER	WATER LEVEL BELOW LAND SURFACE IN FEET
26 11W 10DB	23.75	27 14W 21CAB	38.71	22 9W 38BD	32.60	24 10W 6DBB	22.43
26 12W 20BD	28.55	27 15W 8BRD	21.95	22 9W 17BAB	19.85	24 10W 17DDC	0.85
26 12W 17CCA	34.85	27 15W 34BRD	66.76	22 10W 20CC	9.15	25 9W 10DC	13.60
26 12W 34CDC	45.90	27 15W 36ADD	68.43	22 10W 8BBB	13.47	25 9W 17BBC	13.70
26 13W 11AAC	15.10	28 11W 12ACC	34.40	22 10W 30DAA	8.79	25 9W 30DDA	14.35
26 13W 16DAA	20.68	28 11W 23DAC	8.00	23 9W 5CBD	20.03	25 10W 14BBB	25.40
26 13W 19BRD	19.88	28 12W 21BAD	83.25	23 9W 21DDB	11.60	25 10W 19ABD	28.50
26 13W 34BCB	47.59	28 13W 20DC	9.29	23 9W 35CCC	21.40	26 9W 10DDB	19.70
26 14W 11AAC2	18.31	28 13W 17AAA	70.69	23 10W 2BAB	7.35	26 9W 18AAA	8.20
26 14W 17DCB	19.56	28 14W 14CCC	77.49	23 10W 7CAD	6.30	26 9W 34DBD	26.00
26 14W 22DDB	19.86	28 15W 10CCA	96.20	23 10W 25CAC	13.07	26 10W 18CDC	25.20
26 14W 32BRD	21.04	28 15W 23CCD	105.22	24 9W 19DDB	22.90	26 10W 32BRD	25.25
26 15W 18DAB	12.99	29 11W 9ADD	53.35				
26 15W 35DDB	24.94	29 11W 29AAD	61.52				
27 11W 12CBC	46.30	29 12W 20CCD	102.72				
27 11W 31DAA	6.35	29 12W 22BAC	65.59				
27 12W 33CBA	2.75	29 13W 13AAA	88.80				
27 13W 10CBB	51.93	29 13W 31CAA	28.46				
27 13W 13DDC	58.26	29 14W 16DBB	111.22				
27 13W 310DB	3.89	29 15W 18ADA	85.25				
27 14W 12DDD	57.69						

RICE COUNTY

WELL NUMBER	WATER LEVEL BELOW LAND SURFACE IN FEET	WELL NUMBER	WATER LEVEL BELOW LAND SURFACE IN FEET
20 10W 36ACD	12.45	21 8W 25AB	2.66
21 7W 4AAC	12.63	21 9W 20D	10.74
21 7W 26CBD	7.75	21 9W 31AAC	12.66
21 8W 9CBD	8.87	21 10W 21ADB	8.10

TABLE 4.--SOUTH-CENTRAL KANSAS WATER LEVELS, JANUARY 1978--CONTINUED.

STAFFORD COUNTY

WELL NUMBER	WATER LEVEL BELOW LAND SURFACE IN FEET	WELL NUMBER	WATER LEVEL BELOW LAND SURFACE IN FEET
21 12W 10CDD	20.38	23 14W 30B8B	32.36
21 13W 1BCB	10.00	24 11W 14CAB	31.41
21 13W 13ADB	12.45	24 11W 17DD8	23.01
21 13W 27DDD2	3.57	24 12W 17CAB	22.27
21 14W 22AAC	13.28	24 12W 34ABC	20.73
21 14W 32BAC	19.93	24 13W 7BDC	19.42
22 11W 788B	4.46	24 13W 16ACA	15.42
22 12W 588D	15.54	24 14W 17AAC	25.91
22 12W 3088D	13.20	24 14W 3188D	17.43
22 12W 3688B2	2.85	24 15W 8CDC	11.24
22 13W 5CBC	10.84	24 15W 10BAB	20.80
22 13W 12CAC	16.30	24 15W 32DBC	19.36
22 13W 29DAD	12.56	25 11W 2ACB	10.91
22 14W 7AAC	18.21	25 11W 23DDO	16.05
22 14W 14CCA	12.51	25 12W 17CAA	23.95
22 14W 2988A	14.27	25 12W 24DD8	13.24
22 14W 35DD8	20.29	25 12W 32CCA	3.75
23 11W 288B	1.37	25 13W 388B	15.98
23 11W 22BCC	21.44	25 13W 12ADB	29.32
23 12W 7DBD	6.55	25 13W 30CCA	16.31
23 12W 22BCC	11.58	25 13W 33DCB	7.25
23 12W 3688C	14.50	25 14W 4AAD	12.45
23 13W 16CCA	11.79	25 14W 30CDB	13.79
23 13W 30C8B	10.53	25 15W 11BCB	14.05
23 13W 35CCA	14.72	25 15W 2988D	9.60
23 14W 15ADD	6.34		

