

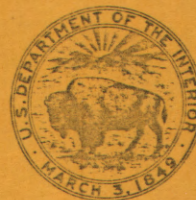


UNITED STATES
DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

JANUARY 1977 WATER LEVELS, AND DATA RELATED
TO WATER-LEVEL CHANGES SINCE 1950,
WESTERN KANSAS

Open-File Report 77-264

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



Lawrence, Kansas
1977

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by
M. E. Pabst

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March 1977

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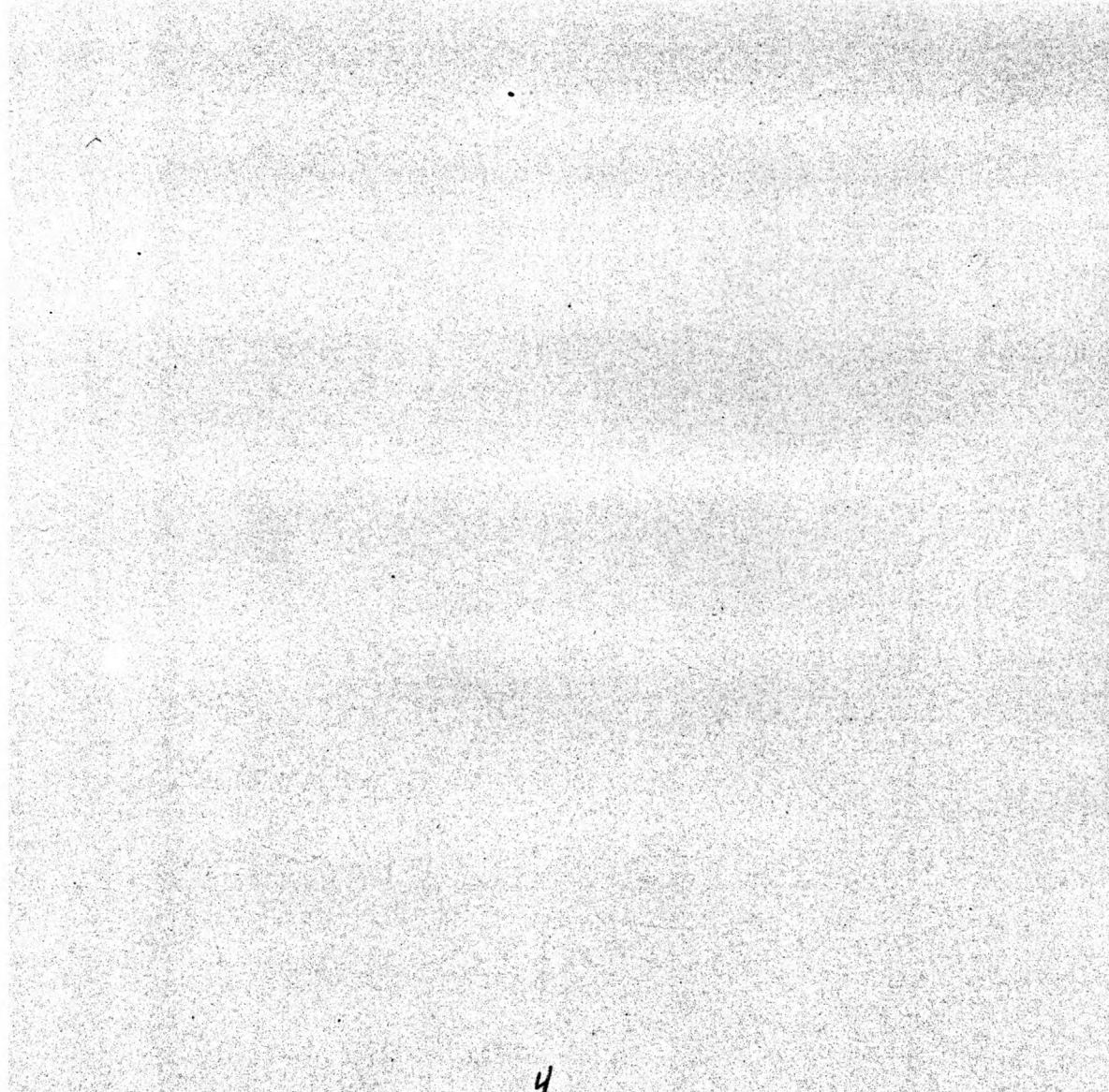
INTRODUCTION

This report contains basic data on water-level measurements in observation wells in western Kansas. Most of the measurements were made in January 1977; a few were made in December 1976 and in February 1977. The measurements were made in mid-winter when pumping was minimal and water levels had recovered from the effects of pumping during the previous irrigation season. This report also contains basic hydrologic data for 1950-77 that are provided for consideration in relation to the January 1977 water-level measurements.

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 wells are inventoried.

Table 1.--Input data for water-level change tables, northwestern Kansas.



INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1972	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	N
CHEYENNE COUNTY														
1 38W 2CDC	3034.	588		41	23	22.60	26.22	23.57	23.04	23.79	25.25	25.77		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		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		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		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		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			9
2 41W 27BBD	3620.0	60	0 0	242	200	198.60	199.89	199.60	210.93	213.25		215.24		10
2 41W 33DBC	3650.0	60	0 0	288	235	235.24	236.64	236.66	236.85	244.12	247.13			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		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		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		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		15
3 39W 32BDB	3490.	60		223	150	153.60	155.28	154.63	154.94	155.53	157.22	160.86		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		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		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		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		20
3 41W 16AAC	3570.0	60	0 0	174	136	136.20	136.49		131.79	137.03	136.91	138.19		21
3 41W 31ADB	3665.0	60	0 0	255	199	208.45	208.77	208.41	208.32	219.27		229.68		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		26
4 38W 4BAC	3509.	060		327	207	207.00						217.24		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		28
4 38W 20CCC	3485.	60		297	151	149.57	151.70	152.14	152.53	152.38	152.30	152.94		29
4 38W 21ADC	3491.0	60	0 0	316	178	188.00	180.65	180.85		180.47	187.20	195.54		30
4 39W 2DBC	3520.0	60		308	192	196.45	197.52	197.05	197.50	202.67	198.62	200.30		31
4 39W 15CCA	3492.0	60	0 0	275	136	142.94	139.47	141.12	140.13		150.86	157.36		32
4 39W 18CAB	3530.0	60	0 0	269	153	156.73	156.06	155.73	157.29	157.60		156.74		33
4 39W 27CCA	3502.	060		265	130	129.49					133.60			34
4 40W 22BCB	3520.0	60	0 0	215	123	123.90	124.18	124.39	125.40	126.10	125.50			35

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1972	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	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			36
4 41W 25BCB	3571.0	60 0 0	211	141	139.64	140.38	140.60		140.84		142.30			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			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			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			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			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			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			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			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			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			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			48
5 40W 14BCD	3645.	060 0 0	325	187					202.82	206.30	212.29			49
5 40W 15ACB	3650.0	60 0 0	332	190	189.10	201.25	202.23		202.54	209.17	211.82			50
5 40W 27BBA	3658.0	60 0 0	327	173		188.80	187.86	189.26	199.04	210.24	199.50			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			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			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			54
5 42W 14CBC	3687.	60	215	145	147.50	153.98	152.53	150.61	155.14	154.88	165.62			55
5 42W 36CCB	3800.0	60 0 0	305	200	203.60	205.30		207.59	206.91	208.13	209.19			56

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1972	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	N
DECATUR COUNTY														
1 26W 18DDB	2413.	588	0 0	59	28	26.47	30.27	30.62	29.88	30.13		30.19		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		2
1 29W 19BDD	2572.	588		53	10	10.97	17.75	18.14	17.99	18.02	18.57	20.75		3
1 30W 34DDD	2610.	588		60	20	21.54	28.47	29.21	27.86	27.72	28.70	32.41		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		5
2 28W 13ABA	2487.0	58860	0	58	27	26.23	29.19	29.12	28.65	29.22	27.37	28.94		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		7
2 30W 26DCC	2828.	060		226	125				136.87	138.35	139.08			8
3 26W 30CB82	2610.0	60	0 0	142	119	119.45	126.75	126.66	127.76	126.49	126.44	126.36		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		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		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 12BBA	2556.1	588	0 0	55	26	24.90	31.24	31.58	30.15	30.59	27.80	27.04		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		14
3 29W 31DCC	2633.0	588	0 0	38	20	20.35	23.44	24.24	24.56	25.46		24.04		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		17
4 26W 8DDD	2455.7	588	0 0	70	26	28.73	25.70	28.63	29.09	29.31	29.00	31.23		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		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		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		23
4 28W 30DDD	2726.0	60	0 0	110	92	92.70	0.	92.24	92.14					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		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		29
5 26W 33DCC	2475.0	588	0 0	60	20	18.22	21.63	18.32	18.23	19.73		18.29		30
5 27W 21CCA	0.	60	0 0		103	104.23	103.62	103.98	103.55	103.67	103.66	103.75		31
5 28W 7B8C	2644.0	588	0 0	52	19	19.94	17.16	17.82	14.20	14.45	15.55	17.24		32
5 28W 10BBB	0.	588	0 0	47	12	8.04	9.94	10.66	8.39	10.86	9.33	11.20		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		34
5 28W 17DAC	2734.0	60	0	124	102	102.30	103.98	103.02		103.97		102.55		35

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

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

5 29W 11BAA	2670.0	588	0 0	42	10	12.39	13.99	13.95	11.80	12.65	13.00	13.09		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		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		38

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1972	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	N
GOVE COUNTY														
11 26W 4CDC	2583.	060	190	62	60.00	62.78	62.24	62.75	63.10	62.40	61.03			1
11 27W 16AAA	2713.	060	180	95	94.15	94.23	94.90	95.75	96.85	97.20				2
11 27W 36BCC		060	140						76.58	75.26	77.09			3
11 29W 4DAD	2844.	060	170	109		112.84	112.70	112.70	112.18	114.20	112.90			4
11 30W 27ABB	2922.	060	165	117		120.52	119.97	120.78	121.70	125.10	124.94			5
12 28W 12DDD	2741.	060	150	93	92.00	92.64	92.32	91.90	92.00					6
13 26W 20CBC		588	43		11.18	11.18	10.91	11.00	11.17	9.28	9.73			7

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1972	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	N
LOGAN COUNTY														
11 32W 4ACD	3059.	060	208	96	102.00	105.50	105.10	105.93	110.10	109.09				1
11 32W 19AAB	3073.	060	183	92					99.65	99.46	101.40			2
11 34W 16CDB	3218.	060	170	122	118.47	118.39	118.60	119.54	118.80		123.00			3
11 36W 6ADD2	3380.	060	220	142	137.06	151.40	152.00	151.70	155.74	156.60	158.89			4
11 36W 6DBB2	3386.	060	282	148	150.00	160.00	161.10	160.85	165.35		169.08			5
12 32W 27ABB		060	82			69.13	69.48	69.20	69.05	68.92				6
13 35W 23BCC	2956.	588	62	45		46.91	46.73	46.35	47.90	48.32	50.09			7
13 36W 20CCB	3023.	588	30						10.50	11.50	10.90			8

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1972	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	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			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			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			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			4
2 33W 26DCC	2798.0	588 0 0	46	13	19.85	25.08	24.65	22.30	22.57		24.39			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			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			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			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			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 7CBD	2960.0	60 0 0	200	142	146.31	146.15	146.43		149.43	147.63	151.34			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			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 30CC	2823.	588	62	22	20.60	25.55	25.24	23.32	23.24	27.90	26.47			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			16
3 34W 3ABB	2882.0	588 0 0	40	12	13.80	16.88	16.88	22.42	19.77		17.77			17
3 34W 26BAC	2900.0	588 0 0	40	7	8.48	11.35	11.23	10.95	10.88		10.95			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			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			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			21
3 36W 17CCC	3375.	60	300	196	195.39	199.68	200.58	201.52	203.75	204.08	205.38			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			24
4 31W 25DDD	2755.0	588 0 0	32	15	14.68	17.23	17.78	14.95			15.97			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			26
4 33W 28DCA	3125.0	60 0 0	237	152	151.27	152.32	152.10		157.00		156.80			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			28
4 35W 6DCD	3252.0	60 0 0	260	157	157.82	158.43	158.69	160.73	164.00		165.10			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			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			31
4 36W 68BB	3370.	060	293	162					182.20	192.62	194.10			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			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			34
5 31W 20CCA	2865.0	60 0 0	68	22	29.70	34.14	34.04		35.64	36.28	35.49			35

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1972	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	N
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			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			37
5 33W 298DA	3042.0	60 0 0	115	12	17.03	19.17	19.38	19.07	19.26	17.94	19.28			38
5 34W 18BB	3137.0	60 0 0	237	116	114.38	114.72	114.89	114.87	115.12	114.00	115.10			39
5 34W 28ADC	3207.0	60 0 0	247	127	134.12	134.87	134.79	133.98	133.97		134.85			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			42

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1972	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	N
SHERIDAN COUNTY														
6 27W 3DCD	2560.0	588 0 0	68	29	31.83	33.11	33.22	32.84	33.83	32.20	34.20			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			2
6 27W 19DAB		588	60	30	26.62	28.47	29.04	29.01	29.41	26.65	28.55			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			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			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			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			8
6 29W 24ABB	2781.	60	205	91	96.25	100.02	99.88	99.44	99.84	99.61	100.30			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			10
6 30W 28CA	2780.0	588 60 0	92	10	11.65	17.00	18.71	18.46	18.45	17.01	19.45			11
6 30W 13BAA	2875.	060	216	115					122.97	124.36	125.49			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			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			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			16
7 26W 15BDD	0.	60 0 0	247			138.45	138.93	139.26	139.83	139.85	143.13			17
7 26W 19BBC		060	201						130.68	130.26	123.63			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			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			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			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			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			24
7 29W 2DBD	2838.0	60 0 0	259	127	136.25	0.	142.15	145.63	144.09	144.60	146.29			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			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			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			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			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			31
8 27W 11DCD	2504.0	588 0 0	60	13	8.56	9.81	9.82		9.95	11.06	10.10			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			33
8 28W 9ABC	2766.0	60 0 0	233	119	117.74	122.53	122.90	124.07	125.50	127.01				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			35

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1972	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	N
SHERIDAN COUNTY CONTINUED														
8 29W 29BAA	2844.0	60 0 0	223	84	82.06	85.54	86.50	86.73	87.83	90.85	90.69			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			37
8 30W 13DAA	2891.	60	257	103	109.76	117.88	118.44	119.54	121.89	123.74	128.15			38
8 30W 30ABC	2962.0	60 0 0	234	107	105.86	107.40	108.94	109.44	110.43		113.84			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	60588 0	98	18	25.72	26.31	25.37		25.42	23.02	25.57			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			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			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			47
9 30W 16CDA	2882.0	60 0 0	162	26	44.74	49.89	49.44	57.08		57.97				48
9 30W 35BBB	2943.9	60 0 0	215	120	129.33	130.95	131.79	131.09	133.90	145.70	139.50			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 5DDB	2789.0	60 0 0	173	99	95.22	98.27	97.76	99.04	98.59	95.82	100.16			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			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			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			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			57

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1972	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	N
SHERMAN COUNTY														
6 37W 3BCC	3424.0	60 0 0	278	151	156.70	155.24			158.72			161.44		1
6 37W 7BBA	3304.0	588 0 0	134	5	6.17	6.46		6.46	7.50			8.66		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			3
6 37W 19ABB	3476.0	60 0 0	309	150	155.43	157.54	157.55	158.27	158.36	159.10	159.97			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			6
6 38W 20ACC	3407.0	60588 0	171	11	11.20	15.31			15.61		13.47			7
6 39W 9DDD	3585.0	60 0 0	330	145	142.75	143.19	143.68	144.03	144.38	144.82	145.28			8
6 40W 10AAC	3641.0	60 0 0	341	151	151.24	153.49	153.82		155.45	160.04	156.36			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			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			12
6 41W 1ABB	3675.0	60 0 0	296	150	156.60	159.03	157.55	158.27	159.19	159.64	161.80			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			15
6 41W 27DBD	3741.0	60 0 0	325	141	142.15	147.38	147.20		151.16	156.38	156.29			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			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			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			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			20
7 37W 4BBC	3455.	060	270	122					132.70	134.25	136.50			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			22
7 37W 17BDA	3472.0	60 0 0	289	122	129.83	127.23	128.40		129.99	132.29	132.88			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 98BB	3589.0	60 0 0	295	106	104.84	106.27	106.65	107.65	109.27	109.97	112.90			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			26
7 39W 30CCB	3643.	60	353	113	117.64	127.70	128.60	128.89	131.03	133.80	135.35			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			28
7 40W 29BBA	3708.0	60 0 0	288	121	121.54	127.64	128.35		130.70	131.95	135.00			29
7 40W 35BBB	3650.0	60 0 0	255	102	103.00	113.44		114.66	116.67	118.58	125.33			30
7 40W 36BAB	3643.	60	321	105	109.94	120.14	122.00	121.54	124.39	126.02	129.85			31
7 41W 10BBA	3770.	060	330	141					149.82	152.95	156.05			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			33
7 41W 28DBB	3774.0	60 0 0	280	111	111.49	117.72			118.20	119.92	122.20			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			35

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1972	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	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			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			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			38
8 37W 6ADB	3506.0	60 0 0	264	124	133.30	135.14		135.40	135.11	135.90	137.45			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			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			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			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			43
8 38W 24AAB	3513.0	60 0 0	260	110	111.41	112.63		114.35	114.34	114.65	115.77			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			45
8 39W 2BAA	3611.0	60 0 0	295	138	135.25	144.48	146.36	148.34	150.84	152.43	156.64			46
8 39W 15CCC	3642.0	60 0 0	272	127	135.00	145.59	147.35	148.80	151.32	156.15	156.88			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			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			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			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			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			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			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			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			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			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			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			58
8 41W 17CBA	3843.0	60 0 0	300	129	128.80	134.37			136.62		148.59			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			60
8 42W 4BBC	3912.0	60 0 0	320	149	151.87	162.75	163.50	165.02	167.60	180.93				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			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			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			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			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			66
9 38W 110DD	3546.0	60 0 0	156	110	110.65	110.54	110.25							67
9 38W 13BCC	3510.0	060	162	74							75.37			68
9 39W 17BBA	3697.0	60 0 0	236	126		143.09	144.28	146.70		150.33				69
9 39W 19CCC	3695.0	60	245	105				125.44	127.04	128.60	132.59			70

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1972	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	N
SHERMAN COUNTY CONTINUED														
9 40W 8CCB	3773.	060	251	123					141.40	144.20	148.15			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			72
9 40W 13CDC	3722.0	60 0 0	260	123	125.14	0.	144.00	145.34	147.72	151.49	158.49			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			74
9 40W 29BBB	3782.	60	246	122	119.38	133.43	134.95	136.51	139.42	144.98	144.33			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			76
9 41W 11DCB	3822.	060	296	132	135.42						161.96			77
9 41W 14BBC	3835.0	60 0 0	297	134		150.47		150.47	155.08	161.00	166.99			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			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				81
9 42W 8AAA	3943.	60	271	120	130.78	144.57	145.00	145.28	147.89	150.09	152.70			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			83
9 42W 14AAA	3901.0	60 0 0	291	116	130.57	148.53		152.17	154.44	158.06	161.98			84
9 42W 16CDD2	3943.	60	291	114	116.80	123.60			130.05	133.52				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			86
10 37W 23ABB	3421.0	60 0 0	289	171	173.95	182.51		183.13	184.80	187.81				87
10 40W 68BBB	3794.	60	314	104	104.15	120.41	122.64	124.09	128.68	133.01				88
10 40W 10ADC	3624.0	588 60 0	68	12	15.75	16.49	16.24	16.16	18.74	16.18	16.91			89
10 41W 15CAD	3762.0	588 60 0	117	12	11.97	14.32			15.17	16.40				90
10 42W 21BBB	3963.0	60 0 0	223	73	85.50	90.62	91.35	92.39	93.96	96.68	99.59			91
10 42W 24BBA	3903.0	60 0 0	204	73	83.93	90.34	90.35	90.42	91.95	90.60	94.83			92

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1972	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	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			1
6 31W 33CCD	2916.0	588 60 0	131	18	10.30	21.29	22.95		25.02	25.85	28.45			2
6 32W 12CBC	3020.0	60 0 0	210	115	114.07	114.90		114.84	115.14	115.72	115.99			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			4
6 33W 27AAD	3020.	588 60	129	15	11.67	13.62	13.49		13.96					5
6 33W 32DBB	3065.0	588 60 0	110	13	20.77	23.74	23.57	23.12	23.80					6
6 34W 1DDD	3177.	060		135		131.50	120.14		137.55					7
6 34W 10DDA	3212.0	60 0 0	235	144	139.58	144.39	144.60		146.19	147.14	151.10			8
6 34W 11CDD	3218.	060	253	158	156.00	160.09	160.00	159.18	161.58	162.36	164.04			9
6 34W 17CBC	3261.0	60 0 0	258	151	151.12	153.95	151.66	156.66	155.18	153.51	156.48			10
6 35W 2CDD	3245.0	60 0 0	250	117	126.89	126.96			129.00	128.24	128.80			11
6 35W 26ACB	3300.	60	255	151	149.65	150.10	151.48	149.60	149.50	150.55	151.83			12
6 36W 6BCD	3408.0	60 0 0	323	174	177.65	178.30			183.15	184.12				13
6 36W 11ACC	3360.0	60 0 0	280	168	160.77	162.75			164.50	165.91	166.50			14
6 36W 30DCB	3417.0	60 0 0	307	152	146.96	149.40	149.55	149.55	150.44	151.06	152.40			15
6 36W 34DDDB	3334.0	60 0 0	246	99	93.61	0.	94.89	95.57	98.95	104.83	98.60			16
7 31W 1DCA	2956.0	60 0 0	246	108	101.25	103.60		103.52		105.45	106.82			17
7 31W 26CCC	2989.0	60 0 0	234	104	103.56	108.30	109.08	109.37		112.50	114.95			18
7 32W 7ACA	3056.0	60 0 0	146	68	63.50	70.46			71.98	73.42	75.35			19
7 32W 13AAA	3037.0	60 0 0	234	102	100.57	108.45	107.30		112.56	112.08	113.81			20
7 33W 7BDA	3203.0	60 0 0	254	141	149.22	153.36		152.92	153.53	154.48	154.49			21
7 33W 21DBC	3141.0	60 0 0	210	111	103.58	110.37	109.95	110.38	110.52	110.58	112.30			22
7 33W 35ADD	3145.0	60 0 0	252	131	131.23	138.39	138.78	140.02	143.93		145.34			23
7 34W 8BBB	3224.0	60 0 0	204	94	95.49	95.74	97.18	96.58	98.40	99.95	98.40			24
7 34W 25AAA	3167.0	60 0 0	240	106	105.84	108.70	108.59	109.25	109.10	110.02	111.68			25
7 34W 26DBD	3177.0	60 0 0	230	104	104.25	106.60			107.27	107.73	108.19			26
7 35W 10CCC	3303.0	60 0 0	258	123	119.28	122.59	121.19	121.16	124.10	129.40	127.56			27
7 36W 17CCC	3417.	60	267	139	134.12	136.42	136.87	136.95	138.69	140.01	141.47			28
7 36W 35CBB	3341.0	60 0 0	221	82	81.71	84.04			84.48	86.41	87.02			29
8 31W 20CDD	3026.0	60 0 0	220	98	101.45	104.15	104.35	104.58	112.17	112.37	107.96			30
8 32W 7BAA	3102.0	60 0 0	272	98	98.86	104.61	105.44	106.10	107.53	103.36	111.61			31
8 32W 12DBC	3057.0	60 0 0	217	110	108.24	103.65	103.75	103.77	104.84	111.00	106.49			32
8 32W 27DAB	3078.0	60 0 0	228	112	110.27	114.04	113.83	114.36	114.49	108.67	110.15			33
8 33W 2CDD	3140.0	60 0 0	270	120	123.00	126.11	128.74	130.22	132.23	133.25	134.56			34
8 33W 7AAB	3194.0	60 0 0	244	144	143.08	146.35	148.53	148.84	150.49	154.69	170.14			35

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

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

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

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

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NORTHWESTERN KANSAS.

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INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1972	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	N
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Table 1.--Input data for water-level change tables, west-central Kansas.

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
GREELEY COUNTY														
16 39W 28DC	3520.	060	220	81		108.70	110.05	113.57	117.49	119.65				1
16 39W 48AB	3565.	060	220	95						142.90				2
16 39W 15CBB	3541.	060	163	96						124.15				3
16 39W 18BBC	3609.	060	200	118	125.00	128.57	129.70	136.49	138.58	141.76				4
16 39W 22DCB	3529.	060	163	95	88.80	107.03	108.65	114.50		122.40				5
16 39W 25CBB	3505.	060	167	100	93.50	106.04	106.50	112.09	115.30	113.63				6
16 40W 2ABA	3594.	060	182	72	80.50	96.80	96.20	102.64	103.19	106.80				7
16 40W 6BAA	3679.	060	242	104	115.70	126.52	127.50	129.81	132.37	136.50				8
16 40W 15ACC	3650.	060	192	114	119.90	133.70	135.00	141.83	138.72	144.50				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				11
16 40W 35BBA	3597.	060	125	76	73.00	90.76	90.90	99.70	95.39	96.50				12
16 41W 58BB	3745.	060	250	128					162.63	166.50				13
16 41W 20BAD	3739.	060	234	129	131.34	147.53	149.15	151.45	153.35	149.43				14
16 41W 23BBD	3705.	060	221	119						148.34				15
16 41W 33AAB	3746.	060	202	156	.	157.24	157.55	163.30	159.95	160.65				16
16 42W 10CBC	3820.	060	230	174						198.68				17
16 42W 22BCB	3828.	060	237	183	198.50	190.54	190.80	193.24	194.35	195.92				18
17 39W 6CCD	3583.	060	180	134	.	135.28	135.30	135.97	139.65	135.35				19
17 39W 14ADD	3503.	060	203	108						114.84				20
17 39W 19DBB	3573.	060	182	125	.	126.29	127.68	134.62	129.15	129.70				21
17 39W 22ABB	3527.	060	195	118	123.36	120.34	120.45	122.18	122.78	124.22				22
17 39W 34CCB	3505.	060	135	95						95.40				23
17 40W 4DCB	3646.	060	187	152	156.70	161.11		172.76	176.79	168.40				24
17 40W 15CCB	3607.	060	209	123	127.05	130.04	130.98	132.37	133.50	135.00				25
17 40W 17BBA	3663.	060	217	165						182.99				26
17 40W 31BBA	3663.	060	218	151	168.16	169.81	167.88	173.17	178.04	188.10				27
17 41W 1AAD	3670.	060	145	120	117.00	117.70	117.62	116.86	117.97	118.25				28
17 42W 27CBB	3768.	060	61	31	.	35.49	33.97	36.80	38.51	39.66				29
18 39W 7BBD	3564.	060	145	109	.	112.76	112.90	127.78	125.50	125.15				30
18 39W 19CDA	3510.	060	100							70.38				31
18 39W 23CCB	3485.	060	185	113	122.20	126.23	126.80	129.07	130.64	131.08				32
18 39W 24AAC	3467.	060	183	105						139.40				33
18 40W 4CBD	3616.	060	161	125	131.22	131.75	131.60	.	132.48	133.15				34
18 40W 6BBA	3642.	060	187	123						144.32				35

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
GREELEY COUNTY CONTINUED														
20 40W 24AAA	3541.	060	204	196	194.00	189.63	189.97	194.50	189.40					36

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	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				3
16 30W 34DAB	2857.	060	172	116						118.37				4
17 27W 20CCC	2717.	060	127	84	.	91.56	91.63	92.98	95.05	96.40				5
17 27W 26CCC	2678.	060	127	80	.	92.46	92.53	93.82	94.85	95.60				6
17 28W 78BB	2785.	060	170	83	.	89.26	89.30	90.60	91.53	92.96				7
17 28W 15BBC	2760.	060	150	84	.	99.23	98.28	100.90	100.83	102.02				8
17 28W 26ABB	2735.	060	140	85	88.28	95.32	96.00	96.60	98.04	100.50				9
17 28W 34CBB	2747.	060	132	78						91.50				10
17 29W 38DC	2816.	060	156	102						109.63				11
17 29W 6CCB	2838.	060	173	103	.	112.47	112.47	114.12	115.35	116.46				12
17 29W 28DCD	2810.	060	123	68						74.45				13
17 29W 36BAA	2784.	060	119	70	.	78.90	78.15	79.24	80.20	80.32				14
17 30W 5AAC	2877.	060	175	108						114.67				15
17 30W 13CBB	2846.	060	151	84	83.94	85.58	86.00	85.80	86.34	87.09				16
17 30W 20BBB	2889.	060	165	87						96.20				17
17 30W 22ACA	2859.	060	149	76						82.20				18
18 27W 13CCC	2674.	060	95	88	86.11	85.98		87.18	87.10					19
18 28W 18ACC	2764.	060	95	51	.	51.66		56.88	63.48	66.90				20
18 29W 4DAD	2801.	060	110	56	.	61.88	61.02	62.78	64.30	64.80				21
18 30W 2AAA	2849.	060	124	68		76.36	77.00	81.40	81.48	83.21				22
18 30W 4BAB	2872.	060	125	69						69.54				23
18 30W 23AAA	2848.	060	117							65.07				24

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
SCOTT COUNTY														
16 31W 17DDD	2931.	060	161	118	.	117.48		119.08	119.93					1
16 31W 23CCC	2906.	060	174	120						133.94				2
16 31W 31BCB	2958.	060	168	127	128.43	130.25	129.81	132.14	133.80	139.40				3
16 32W 23BCD	2976.	060	171	136	140.79	141.88	140.57	.	143.43	148.94				4
16 33W 7CCC	3099.	060	193	130	143.64	149.95	150.23	157.08	154.04	155.07				5
16 33W 19CBB	3097.	060	192	124	140.71	151.67	159.25	161.33	156.38	156.70				6
16 33W 21BCC	3078.	060	188	145	151.60	158.12		156.08		163.17				7
16 33W 24DAB	2855.	060	58	6	10.41	10.35	10.72	11.98	12.05	11.14				8
16 33W 25BCC	2879.	060	84	5	.	8.12	8.36	.	11.20	9.69				9
16 33W 31CBB	3098.	060	203	117	129.04	138.53	139.21	.		143.46				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				12
16 34W 13BCB	3110.	060	187	129						154.89				13
16 34W 20DBC	3150.	060	190	118	130.84	143.40	144.62	147.59	151.89	154.59				14
16 34W 22BDC	3128.	060	196	113	136.70	148.60	148.59	152.24	155.45	156.29				15
16 34W 29CBB	3160.	060	200	119	134.12	143.30	145.27	150.50	153.64	155.43				16
16 34W 31BBB2	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				18
17 31W 4DCC	2932.	060	170	117						121.96				19
17 31W 14CCD	2914.	060	164	94						102.88				20
17 31W 17DAA	2950.	060	191	112	111.46	115.12	116.11	115.78	116.48	117.79				21
17 31W 25BCC	2914.	060	170	88	89.79	92.40	92.98	93.95	96.83					22
17 31W 31BBB	2958.	060	178	87	.	100.35	100.74	101.94	104.17	105.47				23
17 31W 35CCB	2925.	060	147	86						95.05				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				27
17 32W 27BBB	2990.	060	180	95	107.09	120.42	120.15	125.60	126.59	129.54				28
17 32W 31BCB	2984.	060	245	68	88.69	100.52	102.28	105.16	108.19	110.93				29
17 32W 34CAA	2980.	060	162	88	102.17	115.72		.	117.86	121.63				30
17 33W 78BB	3093.	060	202	112	134.58	143.80	142.55	140.81	143.60	145.21				31
17 33W 13DDD	2990.	060	241	79						117.52				32
17 33W 14ACB	3014.	060	214	93	.	120.96	119.96	124.16	125.80	128.05				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				35

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INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
SCOTT COUNTY CONTINUED														
17 34W 6BCB	3163.	060	194	108	118.55	128.45	128.90	131.30	134.15	135.22				36
17 34W 16ACB	3134.	060	194	107	112.13	116.92	118.08	122.55	120.16	122.31				37
17 34W 25DBB	3092.	060	189	103	114.58	121.70	121.67	123.72	125.61	130.60				38
17 34W 27ABA	3113.	060	188	102						118.88				39
17 34W 28CCB	3138.	060	184	98	107.77	117.80	114.67	119.29	120.85	123.79				40
18 31W 20ABA	2951.	060	136	81	.	78.28	78.24	78.30	78.51	82.04				41
18 31W 24BCB	2913.	060						70.92	72.47	75.18				42
18 31W 27ABA	2930.	060	105							70.00				43
18 32W 14BBB	2980.	060	175	85	98.47	107.67	104.94	106.90	113.35	109.86				44
18 32W 17ABA	2970.	060	140	62	78.07	86.65	88.10	91.54	96.27	99.87				45
18 32W 20CBB	2958.	060	179	43	59.11	67.88	69.04	74.28	80.79	83.50				46
18 33W 3CCB	3008.	060	182	71	83.15	100.73	102.57	107.35	114.66	114.16				47
18 33W 5CCC	3041.	060	119	75	84.76	88.80	89.82	90.57	92.08	102.92				48
18 33W 11ABB	2981.	060	199	55						102.93				49
18 33W 20CCD	3034.	060	117	69	88.75	92.95	93.14	.	96.32	97.54				50
18 33W 26DAD2	2952.	588060	168	30	47.00	57.80	58.30	61.95	64.51	67.80				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				53
18 34W 1CBB	3094.	060	166	96	107.52	108.50	108.42	111.57	119.89	115.85				54
18 34W 5CBB	3148.	060	168	88						108.75				55
18 34W 9CDD2	3133.	060	163	90	.	99.16	99.80	100.97	102.50	105.05				56
18 34W 18BBB	3154.	060	140	79	92.80	108.38	108.05	106.23		106.60				57
18 34W 25BBB	3092.	060	132	90	95.85	102.80	103.48	108.52	106.79	114.86				58
18 34W 30DDC	3154.	060	145	83	99.35	111.93	112.75	115.42	120.82					59
18 34W 34BBC	3130.	060	160	90	100.65	108.55	109.73	.	114.18					60
19 31W 20BAD	2982.	085			.	72.70	72.84	76.52	82.32	77.38				61
19 32W 6CCB	2937.	588060	199	21	.	39.09		.	49.60	52.96				62
19 32W 32ACB	2984.		204	69	.	.	77.70	79.04	80.10	83.19				63
19 33W 60BB	3021.	060	117	59	.	66.70	65.46	66.72	66.60	66.91				64
19 33W 12DDC	2939.	588060	200	25	29.56	38.70	40.39	42.08	44.48	45.83				65
19 33W 15DBD	2964.	060	132	56	70.90	83.44	81.71	91.95		101.41				66
19 33W 21AAD	2964.	060	124	57						105.22				67
19 33W 24ABB	2949.	588060	219	36	47.16	53.89		56.54	59.18	58.53				68
19 33W 25DCD	2953.	588060	214	42	59.70	69.18	70.81	73.33	80.33	81.32				69
19 33W 29CBB2	2994.	588060	174	76	101.00	113.72	113.23	119.38	118.10	125.68				70

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
SCOTT COUNTY CONTINUED														
19 33W 34DCC	2962.	588060	162	50	79.40	88.10	88.99	90.88	92.33	94.00				71
19 34W 16AAD	3065.	060	80	50	.	51.60	51.25	53.07	54.27	55.17				72
19 34W 348BB	3088.	060	140	116	.									73
20 31W 14CBC	2863.	588060	90		20.27	19.10	22.27			27.06				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					76
20 32W 21BBC	2931.	060	150	37	67.20	110.38								77
20 32W 30BCD	2917.	060	187	25						74.07				78
20 32W 32DCC	2920.	588060	175	37	49.03	58.74	61.42	72.75	68.60	78.52				79
20 33W 2DBB	2955.	588060	155	50	76.61	83.87	84.94	88.23	92.34	94.46				80
20 33W 5BAB	2985.	060	125	67						112.50				81
20 33W 9BBB	2973.	060	128	60	84.51	89.18	89.78	90.64	91.78	93.81				82
20 33W 10DBC	2957.	588060	177	50	.	.	93.51	101.30	105.86	105.64				83
20 33W 17BAB	2974.	060	132	62	84.85	96.10	96.03	101.89	106.59	109.18				84
20 33W 21ABD	2957.	588060	147	48	50.99	87.70		103.47		110.89				85
20 33W 26CBB3	2938.	060	153	43						93.95				86
20 33W 35DBA	2929.	588060	147	40	53.29	65.79		72.09	75.56	85.01				87
20 34W 2DBC	3015.	060	109	70	74.30	77.73	76.84	79.34	79.28	80.03				88
20 34W 15BAA	3060.	060	138							102.49				89
20 34W 36CCD	2962.	060	107	53	.	74.13	75.23	73.82	82.23	80.31				90

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

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

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
WALLACE COUNTY CONTINUED														
15 40W 20BBD	3674.	060	271	94						122.25				36
15 40W 26CAB	3646.	060	245	100	102.05	111.50	113.30	120.26	120.05	122.84				37
15 40W 30DBB	3694.	060	265	109	114.69	128.20	129.58	132.00	136.04					38
15 41W 5ACB	3794.	060	235	136	147.20	159.90	162.58	168.28	168.88	173.85				39
15 41W 10BAB	3787.	060	264	157	163.79	173.60	175.69	184.74	184.55	188.91				40
15 41W 27CBC	3750.	060	265	145	.	161.90	163.90	166.89	175.50	176.78				41
15 41W 29CAC	3785.	060	230	160						202.73				42
15 41W 36DD8	3695.	060	265	104	113.17	122.30	124.72	131.01	130.50	134.35				43
15 42W 28BB	3854.	060	225	159	166.95	173.60	175.49	.	185.60	193.53				44
15 42W 9BDD	3892.	060		182	186.60	192.40		195.27	197.70	200.43				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				47
15 42W 36CDC	3844.	060	270	194	214.18	231.50		.	237.00	239.26				48

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
WICHITA COUNTY														
16 35W 10CD	3131.	060	109	78	79.60	87.19	84.97	84.62	85.24	86.40				1
16 35W 6AAB	3208.	060	118	71	81.54	83.16	79.86	80.20		83.01				2
16 35W 13CCC	3180.	060	170	118	126.60	136.60	138.61	142.28	144.66	148.94				3
16 35W 20CCC	3231.	060	189	103	124.68	142.18	143.10	145.72	149.20	154.19				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				6
16 36W 3DCC	3267.	060	138	87		110.48	111.89	114.10	116.69	120.31				7
16 36W 7BCB	3319.	060	140	80	91.80	98.80	99.61	104.34	103.46	107.10				8
16 36W 14CCD	3263.	060	204	88	114.75	120.56	121.16	124.82	129.61	136.94				9
16 36W 17ABC	3297.	060	157	83	98.50	115.16	117.15	120.90	124.53	127.74				10
16 36W 21CCC	3295.	060	205	84	99.90	124.64	126.20	131.18	135.35	138.89				11
16 36W 25BBB	3257.	060	202	95	120.58	133.20	133.35	136.10	139.49	145.06				12
16 36W 30CBC	3319.	060	218	87	109.30	127.56	130.32	135.60	138.49	142.40				13
16 36W 34CCC	3275.	060	187	90	102.30	113.60	114.98	117.85	121.16	125.20				14
16 36W 35CCC	3265.	060	201	95	106.20	118.52	119.28	121.88	124.90	128.75				15
16 36W 36CBC	3246.	060	200	91	105.45	116.83	118.09	120.75	122.94	124.75				16
16 37W 4DCC	3380.	060	149	80		107.40	109.67	116.07		117.40				17
16 37W 13BBC	3331.	060	151	78	92.70	112.03	112.50	115.84	117.70	121.02				18
16 37W 15CCC	3369.	060	204	83	106.70	126.40	127.00	131.94	134.02	139.84				19
16 37W 17BBB	3399.	060	194	86	101.00	121.90	123.18	130.83		133.85				20
16 37W 27ABC	3360.	060	210	88	111.90	129.88	131.68	135.70	139.14	142.76				21
16 37W 29BBB	3394.	060	219	86	103.80	128.85	131.90	134.62	137.81	143.60				22
16 37W 30ACB	3400.	060	200	88	112.20	131.32	131.75	135.72	139.75	144.68				23
16 38W 58BB	3497.	060	222	87	104.00	125.35	125.86	131.89	136.59	140.75				24
16 38W 10ABB	3458.	060	208	83	96.36	122.45	122.10	127.50	130.63	133.70				25
16 38W 16ACC	3452.	060	214	73	89.22	114.16	114.80	118.56	123.33	125.53				26
16 38W 19BBA	3482.	060	180	80						115.15				27
16 38W 26BBB	3424.	060	197	75	112.02	118.41	119.25	122.12	126.43	140.75				28
16 38W 29ADB	3458.	060	180	80	92.27	111.60	111.80	117.28	119.78	123.10				29
17 35W 28BB	3189.	060	189	109		134.10	135.90	140.41		144.57				30
17 35W 15CDC	3194.	060	204	98	110.00	118.08	119.53	121.94	130.50	125.65				31
17 35W 18ACB	3226.	060	195	97	110.80	122.00	124.71	126.74	128.77	134.36				32
17 35W 27CCC	3195.	060	210	91	109.60	131.08	130.26	139.10	139.96	140.99				33
17 35W 30CBB	3235.	060	218	94	126.60	139.20	138.98	143.60	150.74	154.44				34
17 36W 5CCD	3299.	060	187	95	112.15	124.85	124.88	131.05	134.63	141.43				35

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
WICHITA COUNTY CONTINUED														
17 36W 10CBB	3202.	588060	97	29		40.60	42.52	44.90	47.27	48.52				36
17 36W 20DDB	3241.	060	144	48	56.80	69.23	70.85	74.10	76.39	80.27				37
17 36W 23BCC	3258.	060	228	100	125.35	136.94	136.82	140.57	147.24	153.10				38
17 36W 33BCB	3286.	060	208	98	113.30	126.00	127.13	130.50	134.63	137.17				39
17 36W 36BBB	3246.	060	216	94	125.10	135.99	136.26	141.45	147.09	152.76				40
17 37W 3AAB	3349.	060	184	89	104.03	120.15	121.51	.	126.61	130.99				41
17 37W 8BAA	3374.	060	196	84	101.20	113.97	116.00	119.79	118.08	121.12				42
17 37W 13CDD	3300.	060	175	70		88.54	89.24	91.30	93.55	97.50				43
17 37W 22CCC	3351.	060	195	92	104.39	115.60	115.31	119.40	126.59	125.28				44
17 37W 28CCC	3360.	060	190	85	98.40	115.60	115.54	120.27	122.66	126.11				45
17 38W 1BAA	3399.	060	185	85	108.42	116.04	117.80	120.98	120.28	122.05				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				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				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				52
17 38W 28CCC	3446.	060	190	105	113.63	123.88	125.30	128.15	132.61	136.72				53
18 35W 2ACC	3178.	060	170	88	104.00	119.90	120.75	.						54
18 35W 8BBC2	3217.	060	186	82		118.59	118.27	.	127.60	137.73				55
18 35W 14DCD	3171.	060	122	80	91.12	101.13	102.68	110.72	107.33	114.81				56
18 35W 17DAA	3208.	060	148	86		117.17	118.11	127.39	127.64	126.52				57
18 35W 34ABB	3192.	060	143	85	97.90	103.72	106.90	109.09		120.10				58
18 36W 2DCB	3251.	060	198	90	103.97	114.84	116.13	.	122.01	123.11				59
18 36W 9BBB	3280.	060	195	81	101.04	115.84	117.14	120.90	123.84	126.78				60
18 36W 15DAD	3235.	060	165	60		74.17	74.80	.	79.32	83.30				61
18 36W 18DDC	3295.	060	174	82	90.02	112.44	112.60	117.91	120.07	123.24				62
18 36W 29ABB	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				64
18 37W 1BBB	3315.	060	174	80	108.41	120.37	120.29	130.40	129.00	132.85				65
18 37W 3CCC	3352.	060	201	90		128.87	129.10	132.78	136.07	140.93				66
18 37W 5CBB	3377.	060	196	89		129.50	130.40	133.73	138.19	146.90				67
18 37W 14BBB	3321.	060	190	73						134.60				68
18 37W 19AAD	3370.	060	167	86	108.55	128.00	129.40	134.23	136.59	146.27				69
18 37W 21BBB	3360.	060	175	85	113.65	137.18	137.92	142.14	146.55	154.33				70

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
WICHITA COUNTY CONTINUED														
18 37W 348BB	3320.	060	130	62	70.70	84.30	85.16	87.45	89.29	91.19				71
18 37W 36ABB	3301.	060	155	76	89.33	97.88	97.90	100.12	100.87	103.10				72
18 38W 28CC	3414.	060	199	95	115.75	126.60	128.48	135.64	139.29	143.38				73
18 38W 88BD	3432.	060	182	82	107.37	109.48	113.06	114.76	119.50					74
18 38W 12BCC	3401.	060	202	91	117.40	135.10	135.88	144.14	145.09	150.36				75
18 38W 20ACC2	3440.	060	169	90	108.71	115.84	119.65	126.92	129.06	131.30				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				79
19 35W 1AAA	3165.	060	134	83	100.25	109.47	109.84	114.12	113.52	120.04				80
19 35W 88BB	3217.	060	135							94.37				81
19 35W 298CB	3139.	060		32		34.70	34.80	34.97	35.24	36.17				82
19 36W 15BAA	3236.	060	112	71		76.03	76.34	76.88	77.06	77.43				83
19 37W 22AAB	3330.	060	138	98		103.13	104.18			112.36				84
19 38W 14AAB	3403.	060	160	95		94.84				100.89				85
19 38W 18DCC	3456.	060	180	120		121.77	122.07	122.60	122.72	132.73				86
19 38W 26CCB	3408.	060	173	96		103.36	104.04	106.24	104.88					87
19 38W 31CBC	3463.	060	205	140		139.13	138.39	139.07	138.63	139.27				88
20 35W 15BCC	3112.	588060	80	58	55.62	56.56	56.66	57.06	52.75	57.30				89
20 36W 14DAD	3225.	060	108	94	94.20	94.30	94.25	96.57	98.99	100.88				90
20 37W 29DCC	3359.	060	139	98		109.87	110.76	113.21	114.06	117.34				91
20 38W 17CBD	3442.	060	232	135		138.12	137.54		140.46	147.28				92
20 38W 33BBA	3424.	060	205	126	134.00	137.00	137.94	138.16	139.28					93

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INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1950	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
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Table 1.--Input data for water-level change tables, southwestern Kansas.

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1940	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
FINNEY COUNTY														
21 29W 36CCB	2611.	588	23	17	17.75	19.21	18.97	19.31	20.10	21.35				1
21 30W 58BB	2863.	004060	78	35	28.62	32.39	33.26	35.48	37.00	37.68				2
21 31W 8ABB	2903.	004060	73	55	48.56	.	47.30	.	45.63	47.37				3
21 32W 8ABD	2910.	004	150	36	41.33	57.24	59.56	67.86	70.03	81.80				4
21 32W 20CBD	2898.	004060	200	31	45.11	57.15	59.76	66.05	70.88	73.10				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				7
21 33W 7DDA	2918.	004	95	33	48.30	57.85	58.14	62.80	61.42	66.62				8
21 33W 31CBB2	2908.	004060	100	30	32.33	52.83	56.13	62.78		76.30				9
21 34W 14DBB	2947.	085			69.02	80.06	84.47	87.93	92.80	104.85				10
21 34W 16AAD2	2981.	004060	120	80	95.36	95.69	95.52	99.85	107.02	97.70				11
22 27W 14ADC	2458.	072					169.98	171.50	173.50	176.86				12
22 31W 12CDC2	2896.	004060	135	83	85.35	87.38	88.13	90.65	91.75	89.50				13
22 31W 16ADD	2904.	004060	181	84	85.53	90.85	91.99	94.54	94.86	98.32				14
22 31W 35ABB	2877.	004060	149	72	80.44	87.60	88.48	92.99	95.02	93.49				15
22 32W 8ACB	2884.	004060	224	33	40.00	47.66	48.72	54.52	59.41	65.88				16
22 32W 21CCD	2903.	004060	198	58	66.47	73.73	76.39	83.32	89.71	99.60				17
22 33W 30BC	2903.	004060	198	33	33.05	48.29	51.67	63.13	69.62	79.34				18
22 33W 17ACC	2900.	085							66.52	73.44				19
22 33W 170CD2	2902.	004060	141	33	42.30	64.65	67.05	83.72	90.21	100.05				20
22 33W 22BAA	2900.	004060	190	40	47.18	64.68	67.60	78.73	80.75	79.90				21
22 33W 32CBC	2923.	004060	263	53	82.50	98.85	105.27	115.48	120.71	143.35				22
22 33W 36AAA2	2860.	004060	200	14	21.58	26.11	29.31	36.20	45.13	62.37				23
22 34W 88CB	2987.	085			108.90	120.82	121.05	136.00		147.40				24
22 34W 10AAA	2933.	004060	153	43	59.24	79.15	82.72	88.96	95.49	103.00				25
22 34W 26ADD	2928.	004060	203	43	71.61		99.14	106.23	109.60	126.80				26
22 34W 32BCB	2983.	004060	235	68	94.11	115.40	120.48	128.22	134.35	147.70				27
23 27W 12CCC	2618.	004060	72	59	62.52	63.80	61.74	62.40	61.90	61.80				28
23 27W 22DAB	2654.	004060							84.00					29
23 28W 22DCD	2732.	004060							74.90	83.60				30
23 28W 34DDC	2738.	004060							76.60	88.75				31
23 29W 30BBB	2794.	004060							76.00	76.76				32
23 29W 34CDD	2772.	060	147	84	84.00	84.69	86.78	85.13	83.36	87.16				33
23 30W 4CAC	2846.	004060							72.20					34
23 30W 19CCB	2862.	004060	142	89	82.20	81.73	81.78	82.09	82.45	83.17				35

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1940	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
FINNEY COUNTY CONTINUED														
23 31W 3DCC	2877.	004060	167	72	83.03	88.44	89.36	94.14	95.08	98.64				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				38
23 32W 18BCD	2878.	004060	290	35	46.14	52.52	55.87	65.80	69.69	104.10				39
23 32W 19CB	2876.	004060	336	36	44.75	47.98	50.43	62.05	71.80	110.90				40
23 32W 22DAB	2923.	004060	273	100	109.11	117.05	118.84	119.50		136.00				41
23 32W 31CA	2876.	004060	324	41	49.40	51.72	51.58	.		94.40				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				44
23 33W 17BBB	2904.	004060	340	26	60.34	69.46	77.06	101.15	119.57	141.48				45
23 33W 26ABB	2890.	004060	327	42	50.40	54.55	56.54	68.10	75.27	131.10				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				48
23 34W 1DCD	2931.	004060	334	46	81.70	98.38	104.80	117.94	134.03	159.80				49
23 34W 38CB	2952.	004060	303	50	76.00	98.12	104.12	113.45	125.45	139.55				50
23 34W 9DBB	2951.	004060	333	40	64.38	81.94	86.10	96.12	102.96	126.85				51
23 34W 14BDC	2940.	004060	330	39	63.10	74.76	80.92	93.10	115.87	144.20				52
23 34W 17CCC	2974.	004060	349	46	70.07	78.99	84.25	95.70	102.01	128.97				53
23 34W 21DDC	2961.	004060	356	41	71.64	74.59	80.85	93.20		130.10				54
23 34W 26CCC	2952.	004060	344	54	73.30	77.79	81.09	92.65	102.08	122.57				55
23 34W 28CDA	2965.	004060	364	46	70.95	73.60	77.85	88.28		122.67				56
24 31W 11DBD	2882.	004060	241	114	115.29	119.03	119.54	122.72	125.94	126.18				57
24 31W 27CCB	2883.	004060	295	114	119.56	119.85	120.62	122.14	122.82					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				60
24 32W 5BCB	2873.	004060	313	45	49.29	52.69	52.12	60.65						61
24 32W 25CBB2	2800.	588	230	9				6.45	12.08	14.49				62
24 32W 29AC	2850.	588	295	35	28.89		35.72	39.84	43.15	46.66				63
24 32W 35DD	2811.	004060	256	21	27.29			31.88	33.10	35.15				64
24 33W 9AAA2	2862.	588	322	13	17.88	20.26	22.36	27.58	28.54					65
24 33W 14BCB	2854.	004060								27.80				66
24 33W 21CAB	2915.	004060	415	60			78.00	84.76	88.56	90.65				67
24 33W 22DCA	2915.	004060	405	71			85.68	105.26	89.59	90.84				68
24 33W 23BCA	2852.	588	347	16	10.57	11.64	12.59	21.19	23.58	27.94				69
24 33W 28DAA	2886.	004060	386	34			64.58	72.83	72.72	76.87				70

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1940	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
FINNEY COUNTY CONTINUED														
24 33W 34CAC	2910.	004060	435	60			87.10	93.65	100.12	101.44				71
24 34W 1BCB	2894.	004060	316	12	24.74	25.80	28.40	35.22		48.07				72
24 34W 5AAB	2965.	004060	365	55	57.70	59.20	61.13	67.62		87.50				73
25 31W 8BBA	2777.	588	202	6	6.00	6.94	7.42	8.23	8.64	9.80				74
25 31W 11CBC	2770.	588004	180	21	.	20.77	20.41	21.17	21.07	21.88				75
25 31W 19CBD	2850.	588	295	71	65.19	69.64	70.94	71.24	71.58	73.13				76
25 31W 21CAB	2788.	004	228	27	20.48	23.76	23.17	24.02	24.45	26.73				77
25 31W 35DBA	2801.	004	256	52	49.99	53.66	53.11	54.76	55.47	59.91				78
25 32W 22DBD	2865.	004060	373	65	62.00	66.94	68.19	70.75	72.31	75.90				79
25 32W 31DD	2880.	004060	505	64	61.86		75.09	78.30	80.78	83.51				80
25 32W 35ADB	2857.	004060	417	67	68.00	71.90	72.89	75.30	78.27	77.68				81
25 33W 5ABD	2920.	004060	510	52			77.93	77.70	84.48	87.84				82
25 33W 9ABD	2909.	004060	514	50			79.98	93.90	86.46	91.25				83
25 33W 15DAC	2915.	004060	535	71			100.33		106.84	109.64				84
25 33W 17DBD	2940.	004060	530	78			100.04	104.75	105.89	107.29				85
25 33W 21CAC	2935.	004060	535	80	79.00		88.80	93.85	95.30	98.31				86
25 33W 35DBD	2894.	004060	474	63			74.38	75.85	81.09	83.03				87
25 34W 6AAA	2972.	004060	397	52						77.79				88
25 34W 6AB	2975.	004	390	53	53.37	56.21	57.12	.		75.72				89
25 34W 10BBB	2962.	004060	412	62						74.82				90
25 34W 17BDB	2970.	004	475	61				88.82	92.39	98.68				91
25 34W 25ABC	2960.	004	510	85				104.05	106.35	109.14				92
25 34W 34DBD	2945.	004060	440	65	70.00	75.44	77.44	79.81	81.00	83.28				93
26 31W 1DD	2811.	004060	301	75	74.06	78.17	77.52	79.52	82.03	84.14				94
26 31W 6BBC	2832.	004060	327	55	55.60	59.14	59.79	63.01	65.62	67.51				95
26 31W 31CDC	2841.	004060	496	83	86.19		100.12	103.82	104.41	107.72				96
26 31W 36CAC	2817.	004060	332	82	80.35	88.86	88.94	91.64	94.49	98.20				97
26 32W 22ABB	2899.	004060	564	113	115.64		120.48	123.60	133.79	140.62				98
26 32W 35CDA	2864.	004060	524	92	92.48	100.80	103.32	106.67	108.87	111.22				99
26 33W 3DBB	2886.	004060	426	56	56.89		64.83	69.14	68.85	73.88				100
26 33W 12CAD	2886.	004060	471	69	71.10		76.92	80.18	82.33	84.47				101
26 33W 26ABB	2929.	004060	554	113	118.32	126.09	127.49	131.20	136.53	135.60				102
26 34W 30BD	3005.	004	455	115	132.64	136.76	137.64	138.85	140.35	141.23				103

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1940	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
GRANT COUNTY														
27 35W 17ADD	3086.	004060	462	175	185.73	196.28	197.26	209.24	203.90	208.50				1
27 36W 18DCB	3065.	004060	395	104	116.50	131.45	134.00	146.00	148.10	158.96				2
27 36W 25CC	3133.	004060	438	216	253.65		258.28	259.15	266.45	272.12				3
27 37W 4ABB	3080.	004060	316	70	86.45	108.69	111.36	126.25	129.82	140.14				4
27 37W 4DA	3074.	004	314	71	85.87		133.80	134.58						5
27 37W 11ABA	3093.	004060	368	107	131.49	141.90	146.53	165.18	163.81	169.53				6
27 37W 22BBB	3055.	004060072			88.93	115.83	119.56	153.79	140.93	146.90				7
27 37W 29CBB	3079.	004060	319	50	84.45	116.10			170.68	181.07				8
27 38W 12ADC	3076.	004060	280	34	65.50	106.74		136.65	148.86	164.87				9
27 38W 15BBB	3148.	072			132.92		164.88	165.77	166.93	176.39				10
27 38W 22CBB	3110.	004060	340	49	76.80	132.86	145.46	169.85	176.40	201.74				11
27 38W 23CB	3105.	004060	335	50	98.27	132.90	139.44	145.90	131.77	134.51				12
27 38W 25BBB	3096.	004060	326	46	95.35	127.78	135.71	165.95	177.04	186.64				13
27 38W 32BCC	3131.	004060	371	50	105.18	130.22	132.56	141.48	146.97	151.51				14
28 35W 5BCC	3117.	004060	457	237	253.20	266.15	272.15	273.20	277.85	284.20				15
28 35W 15CBB	3064.	004060	509	213	250.72	251.70	251.80	258.25	265.00	270.10				16
28 35W 36ABC	3032.	004060	572	222	236.41	257.11	259.49	265.80	270.70	277.50				17
28 36W 2CDD2	3111.	004060072			241.60	254.50	254.39		265.05	267.15				18
28 36W 21CDD	3066.	004060	430	158	193.85	212.71	217.70	228.85	233.35	241.30				19
28 37W 28BBB3	3087.	004060072					227.40	226.10		237.13				20
28 37W 10BCD2	3057.	004060	350	49	100.72	104.08	117.22	159.40	170.29	168.91				21
28 37W 30BBB	3097.	004060	427	65	103.73	116.36	122.60							22
28 38W 7BBB	3134.	004060	409	56	112.46		155.81	174.80	184.84	202.81				23
28 38W 8BC	3124.	004060	424	50	120.30	140.00	142.23	171.04	186.82	214.36				24
28 38W 12BCB	3087.	004060	360	37	74.40				145.04	145.41				25
28 38W 12DDD	3080.	004060	365	40		100.26	107.90	169.18	144.72	148.88				26
28 38W 17AAA	3112.	004060	422	41	118.12	132.86	140.00	159.70	169.65	191.68				27
28 38W 20DCB	3122.	004060	417	50	96.00	139.60	146.33	174.61	186.98	211.10				28
28 38W 31DBB	3138.	004060	418	58	100.58	127.50	138.21	151.71	149.90	166.41				29
28 38W 33BD3	3128.	004060	438	62	95.53	118.13	122.52	130.19	138.34	146.81				30
29 35W 1CCC	3015.	004060	510	210				254.83	261.55	266.55				31
29 35W 6BAA	3054.	004060	444	189	211.91	210.42	213.42	218.25	216.70	220.20				32
29 35W 28ACC	2975.	004060	550	147	185.46	200.56	201.89	210.96	214.05	214.83				33
29 36W 4BAA2	3064.	004060	404	143	180.37	202.01	206.86	225.55	226.54	234.44				34
29 36W 4BD	3055.	004060	400	133	161.00	167.40		220.70	233.03	247.97				35

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1940	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
GRANT COUNTY CONTINUED														
29 36W 19BCB	2995.	004060	405	44	118.00	120.40	133.20	152.64		171.70				36
29 37W 3CD	3051.	004060	421	71	133.00	137.92	149.60	164.88	184.10	201.44				37
29 37W 8CBA	3065.	004060	430	46	114.52	126.35	136.89	149.62	175.93	189.47				38
29 37W 22AAB	3039.	004060	459	48	104.00	120.38	129.94	143.25	153.80	161.92				39
29 37W 29BBD	3094.	004060	504	74	148.00	170.59	179.98	202.48	216.29	223.03				40
29 37W 34DCC	3089.	004060	459	99	165.70	192.70	198.66	211.07	220.36					41
29 38W 3BAA	3113.	004060	459	54	121.44	130.94	141.29		149.31					42
29 38W 8CCC	3154.	004060	480	74	109.00	130.85			140.23	159.22				43
29 38W 20CDC	3139.	004060072			80.87	100.70	113.02	124.97	117.82	122.76				44
29 38W 22CBB	3113.	004	493	54	74.00	94.30	106.02	126.67						45
29 38W 35CCD	3124.	004060	469	74	115.18	126.60	133.59	142.37	141.77	145.71				46
30 35W 2DBC	3020.	004060	525	225	240.53	255.65	256.20	277.58	265.10	277.30				47
30 35W 19BCD	3004.	004060	474	134	153.31	168.76	174.10	186.46	192.40	185.55				48
30 36W 18BB	2973.	004060	463	98	130.42	144.46	157.48	169.26	176.11	182.30				49
30 36W 4ABB	3033.	004060072				179.77		181.11		180.70				50
30 36W 6BBC	3075.	004060	465	121	192.00	207.44	214.40	235.51	244.80	248.50				51
30 36W 7AAB	3061.	004060	481	114	190.75	175.89	189.50	207.87	213.58	221.05				52
30 36W 16DAB	3027.	004060	432	109	140.78	157.68	163.26	190.46	174.82	184.25				53
30 36W 25BCB	2901.	588	341	15		36.69	38.17	42.72	44.11	47.10				54
30 36W 32BBC	3064.	004060	384	113	122.54	128.94	131.70	153.26	142.57	144.77				55
30 37W 2BAA2	3102.	004060	507	122	221.72	230.11	238.00	256.14	263.91	274.11				56
30 37W 3DBA	3108.	004060072				210.55	216.65	230.42	249.69	263.20				57
30 37W 6DCC	3121.	004060	520	101	142.75	159.08	165.47	173.79	178.32	180.68				58
30 37W 10DCB	3096.	004060	426	111	173.94	190.00	192.80	197.01	201.95	211.41				59
30 37W 20CBC	3125.	004	385	114	164.64	173.77	174.65	189.93	192.48	188.74				60
30 38W 3DCC	3147.	004060	452	91	124.74	137.23	140.25	156.00	151.89	155.45				61
30 38W 13CCC	3142.	004060072			146.73	163.14	169.66	186.90	175.20	181.39				62
30 38W 15DBC	3144.	004	360	89	118.75	132.70	142.71	146.90	144.71	149.45				63
30 38W 30ACA	3152.	004060	377	69	82.15	101.97	109.79	124.03	118.25	120.24				64

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INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1940	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
GRAY COUNTY														
24 27W 8CCC	2697.	004060	138	66	59.17	63.47		64.88	68.81	71.38				1
24 27W 14ABA	2654.	004060	92	74	66.20	65.64	63.84	64.44	65.01	64.89				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				4
24 28W 36ACA	2720.	060	135	85	83.37	88.96	88.69	90.06	89.34	92.55				5
24 29W 16DCA	2787.	004060	222	98	96.28	101.03		102.52	101.35	109.25				6
24 29W 18CCB	2814.	004060	220	106	109.82	112.32	114.02	123.32	113.60	117.68				7
24 30W 18CB	2809.	004060	170	89	.	87.15	90.96	94.79	97.92	89.18				8
24 30W 8DCD	2859.	004060	238	114	.	123.80	127.92	126.42	127.96	127.15				9
24 30W 15CCC	2846.	004060	248	114	.	121.50	126.10	123.62	124.21	142.60				10
25 27W 33ABB	2728.	004060	249	134	131.80	134.04	134.28	135.64	135.15	136.87				11
25 29W 7BCB	2830.	004060	281	131	129.05	132.45	133.20	135.28	137.68	137.50				12
25 29W 14AB	2776.	004060	326	107	107.10	116.04		120.28	120.88	127.66				13
25 29W 20CBC	2695.	004060	175	14	13.50	15.44	15.00	17.59						14
25 30W 20BCB	2734.	004060	184	9	9.82	9.02		11.46	12.45	11.77				15
25 30W 22ACD	2722.	004060	177	14	14.70	17.15	17.56	21.51	18.36					16
26 27W 13BBC	2567.	004060	165	9	7.95	9.25	9.55	.		9.17				17
26 27W 18ADC	2596.	004060	202	6		6.81	5.26	7.41	8.11	9.50				18
26 27W 27CDD	2612.	004060	222	33		31.23	30.00	32.84	35.13	38.45				19
26 28W 10ACB2	2632.	004060	172	16	18.90	20.68	21.39	23.40	25.32	25.82				20
26 29W 7CB	2785.	004	260	89	82.09	87.04	88.05	90.46	92.94	94.32				21
26 29W 9DBA	2738.	004060	263	65	55.90	58.54		61.62		66.99				22
26 29W 35CCC	2742.	004060	242	72	71.65	72.00	67.23	74.58	81.11	78.39				23
26 30W 17AD	2799.	004060	319	76	72.00	75.74	78.81	80.36	82.79	82.39				24
26 30W 24DDD	2754.	004060	253	54		55.75	60.10	61.38	64.11	69.60				25
27 27W 7ADC	2686.	004060	186	82	74.00	79.05	78.49	80.49	83.11	84.50				26
27 27W 10CDB	2712.	004060	235	131	123.47	127.47	127.54	128.87	129.75	131.40				27
27 27W 25CCD	2732.	004060	228	167	163.85	165.99	165.95	167.33	169.28	171.00				28
27 28W 5AAA	2707.	004060	228	66		62.15	62.23	65.75	67.19	72.30				29
27 28W 30CCA	2738.	004060	218	78			72.00	79.26	86.21					30
27 29W 9DA	2749.	004060	280	69	60.30	66.53	66.35	68.84	72.30	75.04				31
27 30W 8BBB	2790.	004060	265	68	66.60	75.47	75.40	78.24	82.35	85.30				32
27 30W 23BB	2772.	004060	247	68	63.90	73.06	73.44	75.35	78.92	82.42				33
27 30W 25CCB	2808.	004060	369	110	103.05	112.42	112.76	114.50	117.03	121.14				34
27 30W 34CCC	2807.	004060	404	102	101.00	111.95	112.12	114.27	116.34	120.95				35

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1940	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
GRAY COUNTY CONTINUED														
28 27W 38BB	2755.	004060	260	166			178.38	164.26	169.44	170.09				36
28 28W 20ADD2	2795.	004060	220	145	146.25	148.00	144.90	148.35	151.81	152.17				37
28 29W 16ACC	2799.	004060	299	121	125.00			139.53	141.01	146.99				38
28 30W 68BA	2840.	004060	485	125	123.50	137.90	138.70	140.86	143.88	149.42				39
28 30W 10DDD	2814.	004060	469	115	120.90	133.98	134.52	137.76	144.00	146.29				40
28 30W 17BBA	2817.	060	497	110	110.42	128.08	126.50	131.98	141.38	139.15				41
28 30W 24BAB	2804.	004060	429	114	119.57	132.20	137.80	137.05	138.86	145.62				42
29 27W 30BCC	2655.	004060	280	87	103.02		94.40	106.94	108.17	113.42				43
29 27W 36ABA	2573.	004060	348	45	54.00	65.20	64.71	64.90	65.79	73.24				44
29 28W 18CCC	2715.	004060	190	80		89.30	89.45	92.65	97.58	100.89				45
29 28W 19DDD	2712.	004060	292	92	95.66	101.86	101.06	104.65	108.31	108.59				46
29 28W 28CDC	2688.	060	278	88	91.20	97.72	98.00	99.63	100.59	102.44				47
29 29W 10BBB	2744.	060	249	85	87.80	97.79	97.20	99.44	99.92	109.05				48
29 29W 27BCB	2739.	004060	494	98	101.08	107.86	107.95	109.92	112.08	117.26				49
29 30W 58BB	2821.	004060	466	130	137.50	143.41	147.40	146.73	151.78	156.09				50
29 30W 12CCC	2768.	004060	478	98		108.68	109.03	111.60	115.12	119.13				51
29 30W 22BBC	2816.	004060	446	144	144.64	154.10	154.70	156.80	159.06	165.64				52
29 30W 35ACD	2805.	004060	445	146	147.85		159.60	161.17	163.63	169.72				53

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INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1940	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
HAMILTON COUNTY														
21 39W 7CBA	3497.	060	215	196	194.04	192.98	191.48	191.17	191.00					1
22 39W 38BB	3453.	060	199		191.25	188.53	192.24	183.49	184.50	184.15				2
22 39W 8DDD	3468.	060	214		178.50	.	178.19	177.70	177.82	178.49				3
23 39W 15ADD	3325.	004060	144		130.14	130.06	130.27	130.08	130.22	130.26				4
23 40W 29DDDB	3397.	110			240.35	264.42	263.20	267.24	279.05	272.12				5
23 42W 19CBB	3339.	588004	67	20	24.10	24.85	24.56	25.43	25.79	26.58				6
23 42W 26DCA	3309.	588	70	29	23.78	26.45	26.42	28.18	28.15	28.21				7
23 42W 27DDDB	3311.	588	70	23	20.00	.	20.35	23.19	21.38	22.09				8
23 42W 34CBB	3307.	588	58	13	9.67	12.09	11.81	12.63	12.78	13.79				9
23 43W 21ABA	3364.	588	29	15	15.08	15.68	15.12	16.96	17.07	17.75				10
23 43W 23BCB	3356.	588	68	21	20.57	21.09	20.84	21.73	22.06	22.59				11
23 43W 25CB02	3335.	588	47	8	8.83	9.75	9.32	9.91	10.25	9.50				12
23 43W 26BCC	3343.	588	22	7	7.10	7.57	7.47	8.02	8.26	10.18				13
24 39W 19CBC	3175.	588	65	6	6.75	8.70	8.85	10.65	9.88	10.15				14
24 39W 22CCB	3152.	588	42	8	11.81	12.28	12.27	14.27	13.28	15.00				15
24 39W 30BBD	3177.	588	77	9	9.15	10.01	9.60	11.50	10.83	11.12				16
24 39W 30CAD	3173.	588	68	6	6.80	9.82	9.96	10.61	10.63	10.40				17
24 39W 35BAC	3143.	588	43	9	5.42	7.70	7.71	8.60	9.14	10.01				18
24 39W 35CBA	3146.	004	86	11	11.40	14.69	14.84	15.55	15.87	16.75				19
24 40W 7CBB	3233.	588	58	14	13.91	15.49	15.44	16.48	16.38	15.49				20
24 40W 17BBB	3221.	588	71	13			14.96			16.58				21
24 40W 23AAB	3204.	588	104	26	24.41	26.30	26.52	28.32	28.10	26.30				22
24 40W 31BBB	3287.	004	75	73	63.62	64.74	64.69	.	64.52	63.94				23
24 41W 10AD	3254.	588004	45		14.77	24.34	26.01	26.93	26.88	27.33				24
24 42W 4AAD	3304.	588	44	7	6.55	8.73	8.85	9.32	9.49	9.68				25
24 42W 28DDD	3455.	072			160.00	160.63	160.58	160.42	160.69					26
24 43W 14CBB	3452.	072		114	110.86	111.50	111.97	112.20	112.70					27
25 39W 2CAD	3156.	004060	46	24	27.91	29.40	29.66	30.08	30.52	31.28				28
25 39W 23BDD	3286.	004060	133		78.72	92.37	91.87	92.03	91.33					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					31
25 40W 26BBB	3412.	072		213	215.00	217.96	219.90	218.30	219.03	220.00				32
25 42W 20ADA	3509.	072			134.00	147.30	149.07	152.70	156.00	163.99				33
25 43W 3ABB	3575.	072			190.56	216.00	219.37	238.53	238.70					34
25 43W 21AAB	3522.	072			129.48	136.74	144.41	141.05	141.11					35

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1940	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
HAMILTON COUNTY CONTINUED														
25 43W 25CCD	3490.	004060	225	101	121.42	133.89	150.99	137.82	138.98	142.38				36
26 39W 18AA	3259.	004060			82.90	81.10	81.56	81.74	81.65					37
26 40W 18BA	3451.	072			111.58	110.84		110.59	110.58					38
26 41W 12DCC	3379.	072			186.56	194.93	195.53	199.62	204.73	207.88				39
26 41W 208BD	3317.	004060	242	17	20.74	26.20	25.21	32.60	39.79	35.65				40
26 41W 36CCC	3270.	004060	231	35	29.00	33.56	33.81	36.52	40.13	45.05				41
26 42W 108B2	3405.	004060	245	52	77.23	85.44		94.72	99.92	106.40				42
26 42W 17CB	3458.	004060072			108.17	119.84	124.31	127.87	135.42	140.44				43
26 42W 22CDB	3412.	004060	212	77	93.15	107.00	113.14	122.33	128.06	134.16				44
26 43W 25DCC	3508.	004060072				161.28	163.76	169.87	178.07	185.56				45

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INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1940	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
HASKELL COUNTY														
27 31W 7BDA	2845.	004060	518	92	89.00	97.84	102.10	101.73	105.31	109.60				1
27 31W 21BBC	2836.	004060	497	99	103.68	113.24	114.02	116.88	119.14	121.72				2
27 31W 24CDC	2816.	004060	366	94	97.82	109.90	110.49	112.55	115.68	121.51				3
27 31W 31BCC	2895.	004060	520	151	154.83	165.80	166.90	169.68	172.78	176.61				4
27 32W 6CBB	2905.	004060	465	107		118.28	119.85	122.74	125.16	127.88				5
27 32W 13ABB	2841.	004060	471	85		95.79	96.76	100.41	103.11					6
27 32W 19CCD	2906.	004060	456	118	130.00	138.31	139.20	142.80	145.80	150.25				7
27 33W 29DAA	2995.	004060	540	194	186.30	202.87	204.40	218.54	213.65	223.77				8
27 33W 33DCD	2985.	004060	595	197	204.34	216.60	218.65	226.74	230.34	236.01				9
27 34W 16DDD2	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				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				13
28 31W 35CCB	2863.	004060	443	156	171.95	173.48	174.21	176.02	180.39	185.83				14
28 32W 9CCC	2963.	004060	565	210	216.00	227.22	227.57	232.11	237.78	244.04				15
28 32W 18BBB2	2951.	004060	581	192	203.30	217.84	218.70	231.77	236.01	250.25				16
28 32W 24BCC	2910.	004060	549	175	181.59	192.22	194.47	197.40	199.84	205.68				17
28 32W 35BBA	2912.	004060	562	182	186.74	197.65	199.20	201.98	205.95	214.01				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				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				22
28 34W 15DAB	3020.	004060	570	243	263.00		285.81	288.90		290.81				23
28 34W 32ADD	3013.	004060	553	219	239.44	260.58	263.53	273.95	277.49	284.48				24
29 31W 9CB	2871.	004060	466	166	169.47	176.97	178.10	180.69	184.18	189.21				25
29 31W 14BBB	2857.	004060	432	163	167.00	178.87	179.08	181.87	186.04	190.94				26
29 31W 34BCA	2858.	004060	468	168	172.79	184.78	185.73	188.10	190.44	195.75				27
29 32W 4BCC	2916.	004060	571	184	198.00	214.20	215.99	220.67	222.16	223.94				28
29 32W 16DAA	2915.	004060	545	199	213.00	218.33	218.66	221.25	224.61	228.14				29
29 32W 19CC	2923.	004060	598	208	218.22	234.89	239.71	240.41	244.73	251.56				30
29 32W 26CB2	2895.	004060	523	191	204.10	219.60	220.40	223.83	228.11	232.72				31
29 33W 1AAB	2946.	004060	601	213	226.32	253.65	257.49	266.46	271.23	276.01				32
29 33W 5ACA	2963.	004060	588	210	222.90	245.89	249.25	258.09	264.66	272.68				33
29 33W 11BBC	2953.	004060	608	222		258.02	261.12	269.38	275.35	280.41				34
29 33W 28BCB	2963.	004060	558	212		239.48	242.34	254.75	260.55	268.15				35

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INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1940	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
HASKELL COUNTY CONTINUED														
29 34W 2ABB	2971.	004060	541	191	209.56	228.48	232.50	242.00	249.35	256.97				36
29 34W 9CBB	3001.	004060	549	208	228.39	247.50	248.81	258.70	264.27	271.60				37
29 34W 11ADD	2961.	004060	506	183	209.72		231.81		256.80	265.23				38
29 34W 24BCC	2963.	004060	548	193	198.50	217.35	219.39	235.64	241.51	245.56				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				41
30 31W 6BBB	2879.	004060	527	186	196.47	203.36	204.46	206.92	210.35	214.42				42
30 31W 15ABB	2852.	004060	552	175			198.12	198.81	207.12	213.39				43
30 31W 24BBB	2833.	004060	543	165	167.22	182.55	183.84	187.50		183.51				44
30 31W 33BBB	2835.	004060	495	162		183.62	184.84	189.78	192.91	200.26				45
30 32W 11BBB	2885.	004060	560	188	202.41	214.08	214.55	218.52	223.54	227.65				46
30 32W 17BCC	2910.	004060	558	200	211.69	226.93	227.75	236.70	238.41	244.20				47
30 32W 22BBB	2876.	004060	512	176	192.38	202.52	202.96	207.20	210.58	214.56				48
30 32W 31BAB	2906.	004060	466	194	202.02	213.73	214.40	218.31	222.23	227.92				49
30 33W 2AAB	2946.	004060	606	225	234.77	252.70	256.49	267.50	272.70					50
30 33W 6DBD	2986.	004060	596	233	241.42	255.68	260.03	263.05	266.31	274.01				51
30 33W 30CBD	2963.	004060	513	215	219.78	228.46	229.11	232.06	235.14	238.85				52
30 34W 5BBB	3006.	004060	531	223	232.79	248.60	250.80	257.70	260.29	265.30				53
30 34W 16BBB	2983.	004060	508	207	210.58	221.04	223.88	228.40		235.82				54
30 34W 30ADD	2836.	004060	316	57	60.11	71.41	73.78	75.37	78.12	80.33				55

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1940	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	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				2
23 35W 12CCC	3009.	004060	369	67	79.15	89.81	93.14	103.05	112.84	128.78				3
23 35W 25BBB2	3005.	004060	385	46	59.14	62.23	61.52	76.00	86.07	98.99				4
23 35W 29DAC2	3023.	004060	335	33	42.45	37.49	39.82	45.62	51.49	57.87				5
23 36W 4CBB	3183.	060	198	142	132.90	136.00	136.13	144.88	140.37	141.05				6
23 36W 32BBB	3234.	060	305	189	218.09	224.06	219.83	230.07	233.29	236.28				7
23 37W 9ADD	3288.	060	233	201	201.79		205.11	208.27	208.22	210.33				8
23 37W 19CCC	3325.	060	294	223	232.92	247.82	244.17	253.96	248.65	254.22				9
23 37W 28CCB	3303.	060	300	218	236.98	249.02	244.33	257.10	255.01	255.77				10
23 37W 36BAB	3263.	060	310	205	229.75	239.13	243.11	242.47	246.29	252.37				11
24 35W 9CCC	2998.	004060	358	30	31.05	33.49	33.32	38.23	40.31	43.55				12
24 35W 13CCC2	2941.	588	346	12	8.28	11.47	12.05	14.25	16.32	18.74				13
24 35W 20CCC2	2973.	588	328	15	9.69	13.33	14.04	15.80	18.33	20.45				14
24 35W 22CCC	2962.	588	337	22	7.19	12.05	11.80	14.75	16.62	19.24				15
24 36W 15BCB	3074.	004060	190	66	75.13	85.40	83.53	90.82	94.67	97.82				16
24 36W 23CBB2	3014.	004060	310	26	24.88	25.70	26.22	30.32	32.31	34.56				17
25 35W 28AA	2990.	004060	400	52					75.20	78.60				18
25 35W 17AAA	2995.	004060	405	37					59.72	65.29				19
25 35W 26BAB	3005.	004060	450	70					77.82	84.91				20
25 35W 28DBB	2997.	004	397	49	52.74	56.25	57.41	60.93	64.56	64.03				21
25 36W 11CBC	3005.	588	355	15	13.34	16.02	16.75	18.49	20.59	23.16				22
25 36W 18ACC	3033.	060	233	19	15.52	18.79	20.53	23.34	24.62	26.28				23
25 36W 28BB2	3050.	004060	362	51			63.86	62.16	62.20	71.60				24
25 36W 35ACC	3026.	004	366	51	56.91	63.65	65.76	69.29	70.28	73.69				25
25 37W 15ABA2	3050.	588	30	5		10.12	10.23	12.04	11.28	12.46				26
25 37W 15DDD	3051.	588	66	16	12.97	14.58	14.58	16.27	15.72	16.05				27
25 37W 25BAD2	3056.	004060072			38.12	47.79	48.98	50.73	52.38	53.55				28
25 38W 8BDD	3140.	004060072			37.57	40.05	40.49	40.95	41.37	44.75				29
25 38W 20ACC	3175.	004060072			63.28	66.10	66.48			68.17				30
25 38W 26ACC	3145.	004060	145	63	65.42	67.55	68.35	69.25	69.82	70.47				31
26 35W 6ADA	3008.	004	418	58	60.72	64.67	66.52	70.06	72.67	80.36				32
26 35W 10DBC	3004.	004	464	81	83.00	87.12		88.54	90.49	92.92				33
26 36W 10BB	3010.	004	400	48				63.35	65.44	70.53				34
26 36W 48DA	3034.	004	354	52	55.86	62.32	63.81	65.60	67.18	69.73				35

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INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1940	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
KEARNY COUNTY CONTINUED														
26 36W 14ACD	3013.	004	363	55	50.20	55.61	56.79	57.99	49.97	62.89				36
26 37W 6ACB	3092.	004060	102		26.14	27.35	27.77	28.35	28.10	27.69				37
26 37W 21DDD	3056.	004060	319	41	57.87	65.80	67.79	71.34	72.05	77.08				38
26 37W 25CDB	3082.	004	372	92	105.00			122.40	124.17	129.62				39
26 38W 8AAD	3245.	004072			136.98	134.00	134.09	135.43	134.50	135.04				40

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1940	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
MEADE COUNTY														
30 26W 4CBB	2525.	004060	435	11	20.70	20.85	20.86	23.64	28.73	38.33				1
30 26W 78BB	2541.	004060	401	22	29.92	35.68	31.95	34.87	42.67	50.84				2
30 26W 17BBC	2520.	004060	400	11	22.03	23.22	20.72	22.69	29.04	34.20				3
30 26W 31CBC	2485.	004060	350	14	14.00	16.09	14.68	16.85	25.53	29.90				4
30 27W 4DBD	2576.	004060	346	31	34.76	44.00	44.20	47.25	54.17	68.70				5
30 27W 22CDD	2518.	004	328	14	12.32	8.03	4.95	8.22	8.99	11.50				6
30 27W 23ABB	2531.	004060	321	12	16.50	22.60		24.29	30.05	38.60				7
30 27W 32DDD	2475.	004	329		11.86	7.89		7.02	9.87					8
30 28W 2BAA	2660.	004060	430	83	97.20	95.27	95.77	103.03	101.92	105.67				9
30 28W 17ABB	2697.	004060	517	102	109.60	111.04	112.12	112.67	115.59	117.49				10
30 29W 3DCC	2728.	004060	464	102	107.44	110.05	111.70	113.24	116.08	117.99				11
30 29W 23CAD	2744.	004060	544	134	141.35	146.91	148.60	148.72	151.99	154.67				12
30 29W 28BBB	2758.	004060	553	137	137.89	145.93	145.95	146.62	150.86	154.82				13
30 29W 32BBB	2756.	004060	536	133	130.78	136.94	137.41	139.75	144.83	148.90				14
30 30W 12CBB	2813.	004060	493	163	165.55	175.45	176.42	178.65	182.85	188.50				15
30 30W 28ABB	2803.	004060	508	150	145.95	157.95	158.23	159.69	162.84	177.90				16
31 26W 30BBB2	2516.	004060	213	97				88.72	90.18	92.47				17
31 27W 20AAA2	2466.	004060	326	15				32.86	28.09	35.66				18
31 28W 10BCB	2643.	004060	494	114	112.20	120.36	116.12	123.60	128.79	128.78				19
31 29W 25AAA2	2698.	004060	438	145	156.52		154.33	156.16	162.72	167.68				20
31 29W 30AAA	2741.	004060	461	136	130.22	137.09	136.49	137.37	138.75	143.26				21
31 30W 16BBC	2770.	004060	505	136	133.90	142.79	146.40	148.56	153.76	168.47				22
32 28W 4ADD	2546.	004060	366	63	66.15	67.37	66.15	65.06	66.72	68.30				23
32 28W 14CBC	2430.	004060	300	6	6.43	6.32	5.30	6.25	6.42	7.90				24
32 29W 5CC	2719.	004060	464	139	137.35	145.84	145.48	148.92	149.39	152.14				25
32 29W 27AAB2	2688.	004060	555	143				140.92	141.27	142.05				26
32 30W 9CCC	2764.	004060	504	155	156.75	175.52	180.48	178.29	178.48	174.99				27
32 30W 28BBC	2759.	004060	459	167	170.28	179.86	180.72	181.85	188.52	191.75				28
32 30W 35CAD2	2728.	004060	488	158	175.50	171.26	171.68	172.47	175.23					29
33 28W 29BC	2371.	060	176	14	14.30	14.52	14.99	15.61	17.00	16.90				30
33 29W 36AAB	2463.	004060	283	81	81.35	82.61	81.37	82.88	84.88	85.60				31
33 30W 35CB	2684.	004060	544	161	157.84	160.00		159.94		161.04				32
34 30W 22CBC	2675.	004060	675	191				191.48	194.26	192.53				33
34 30W 27BBB2	2660.	004060	671	187				187.36	187.50	187.08				34
35 30W 10CDA	2393.	588004060	318	23	23.16		22.47	22.75	22.83	26.90				35

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

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

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1940	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
MORTON COUNTY														
31 39W 18CCC	3246.	004060		116	135.60	153.74	156.10	161.55	174.85	182.73				1
31 39W 33BCC	3253.	004060072	215		160.00	176.74	178.35	188.57	201.72	201.97				2
31 40W 1DA	3236.	004060	276	111	133.10	143.40		152.51	156.14	161.75				3
31 40W 29ABB	3331.	004060	233	141	166.15	170.97	175.37	177.27	187.15	180.16				4
31 41W 7CDD	3441.	072			135.00	134.95	135.03	135.97	135.74	135.51				5
31 41W 31CBB	3441.	072			73.00	83.80	84.69	89.59	92.79	97.29				6
31 42W 29AAB	3510.	004060072		74	93.10	103.49	105.00	107.85	108.31	109.30				7
31 43W 3CB	3609.	004060072		61	65.70	64.28		64.26	66.35	65.89				8
31 43W 14DDC	3576.	110			67.78	67.06	68.29	68.29	69.03	67.35				9
31 43W 20CBB	3653.	004060	100	53	56.40	72.96		79.56		79.32				10
32 39W 9DD	3248.	004060		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				12
32 41W 15CDC	3360.	004060072			18.00	18.10	18.81	21.60	22.60	20.72				13
32 42W 14CCC	3500.	004060072			90.60	96.54	98.16	103.19		111.59				14
32 42W 21BCC	3526.	004060072			113.64	131.60	132.55	143.88	144.47	144.45				15
32 42W 26CDD	3485.	004060072			102.00	114.26	126.26	129.62	139.60	138.41				16
32 43W 17DCC	3626.	060	146	60	60.00		62.43	65.98	71.27	72.11				17
33 39W 16ABB	3234.	004060	344	82	70.00	69.27	69.26	68.67	72.27	73.57				18
33 40W 27CCC	3308.	004060	323	98	80.00	81.50	80.69	80.82	81.38	80.57				19
33 41W 3AAD	3425.	004060072			117.26	131.40	126.34	140.19	141.59	151.53				20
33 41W 21CCC	3357.	588	127	27	41.10	42.10		42.90	43.38	44.74				21
33 41W 33DDD	3377.	004	157	68	69.40	68.16	67.95	63.52	65.24	63.52				22
33 42W 1AA	3438.	004	168	48	34.50	38.24		35.30	39.43	39.77				23
33 42W 21BCB	3527.	004060	167	87	85.00	88.15	88.42	89.23	89.42	88.17				24
33 43W 8BDA	3643.	004060072			95.00		95.51	96.95	97.60	98.18				25
34 42W 5BDC	3449.	004072			38.40	37.97	38.11	38.65	38.97	39.27				26
34 42W 22CDB	3492.	004060	112	92			80.81	81.00	82.51	80.88				27
34 43W 7BDD	3655.	072			147.20			149.00		149.22				28
35 40W 3BBB	3367.	004060	407	179	183.12	174.65	173.52	174.10	174.22	174.89				29
35 43W 13BDB	3615.	004060	305	151		167.63	169.50	171.65	172.79	174.26				30

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INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1940	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
SEWARD COUNTY														
31 31W 8BCC	2829.	004060	519	164	169.48	181.85	182.43	185.20	188.70	192.50				1
31 31W 13BCB	2800.	004060	525	154	154.18	166.64	168.39	174.53	175.11	180.90				2
31 32W 3DAD	2845.	004060	496	158	174.18	171.83	181.05	186.43	188.98	191.80				3
31 32W 21CBA	2863.	004060	473	178	187.70	191.30	192.15	205.65	200.02	214.65				4
31 32W 34CBB	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				6
31 33W 20DBB	2897.	004060	537	179	179.11	186.54	187.44	189.84	192.08	194.30				7
31 34W 18BBB	2951.	004060	421	186	186.37	194.91	196.02	198.55	199.55	202.65				8
32 31W 8BBB	2815.	004060	455	175	165.55	184.97	176.94	179.46	182.36	188.75				9
32 31W 26CAA	2783.	004060	453	180	182.90	188.24	187.08	189.49	194.37	205.83				10
32 31W 31ACC	2778.	004060	438	173	177.54	185.46	186.50		188.86					11
32 32W 14BBB	2830.	004060	435	180	192.82	197.30	197.59	207.82	206.77	211.15				12
32 32W 19BAB	2854.	004060	475	189	194.76	201.47	201.15	207.26	206.35	209.03				13
32 33W 12BCC	2865.	004060	435	183	184.74	195.41	195.12	208.70	213.69	203.89				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				16
32 34W 17DCC	2953.	004060	493	213	222.83	231.59	236.99		237.82	236.93				17
32 34W 32BBB	2921.	004060	491	159	154.30	159.99	159.20	161.40	165.63	166.70				18
33 32W 25BBB	2574.	004060	394	24	27.00									19
33 32W 28CDD	2630.	004060	399	60					56.84	57.07				20
33 32W 28CDD2	2630.	004060	399	60				51.51	54.25	54.29				21
33 33W 12AAD	2626.	004060	316	5	5.70	8.68	7.15	7.14	7.20	7.37				22
34 31W 30BBB	2731.	004060	671	208					208.84	208.89				23
34 31W 30BBB2	2731.	004060	671	208				205.97	206.45	206.44				24
34 32W 35ADA	2734.	004060							188.86					25
34 33W 7CCB	2901.	004060	575	140	126.77		127.19	126.72	129.38	128.07				26
34 34W 16DAA	2943.	004060	673	114	94.59	101.05	102.92	112.35	114.27	121.55				27
34 34W 17DDD	2945.	004060	425	105				96.39	106.41	110.50				28
35 31W 18BBB	2707.	004060	497	187	181.98	171.40	170.92	175.42	180.68	171.75				29
35 33W 16BCA	2838.	004060	658	126	103.75	107.72	108.41	113.87	117.71	112.36				30
35 34W 10BBB	2912.	004060	647	90	80.38	73.10	70.35	71.80	76.57					31

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INPUT DATA FOR WATER-LEVEL CHANGE TABLES

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

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1940	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
STANTON COUNTY CONTINUED														
30 39W 32DA	3226.	004060	247	104	116.85	138.53	140.24	146.30	150.03	155.82				36
30 39W 36BDD	3181.	004060	415	82	102.90		125.63	129.82	137.53	139.84				37
30 40W 24CDC	3237.	004060072			115.30	135.68	133.60	.	149.42	145.17				38
30 40W 33CCB	3309.	072			164.36		169.88	.	181.96	182.60				39
30 41W 13CCC	3346.	004060	216	158	170.39	173.18	180.35	.						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				42
30 42W 16BDB	3524.	072			187.80		174.70	179.06	186.91	185.52				43
30 43W 34BBB	3622.	004060	103	42	66.39	72.60	70.48	80.78	88.06	83.30				44
30 43W 36BB	3595.	004060072			71.60	74.84	78.00	75.43	75.80	76.04				45

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1940	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
STEVENS COUNTY														
31 35W 78BB	3017.	004060	437	172	185.80	202.81	205.50	213.64	221.23	224.72				1
31 35W 15BAA	3009.	004060	449	224	236.42	246.47	247.84	252.66						2
31 35W 19CCC	3039.	004060	490	174	187.30	199.80	202.36	207.93	209.05	211.10				3
31 35W 26DCC	2988.	004060	447	213	230.24	240.28	242.45	257.04	250.38	255.28				4
31 36W 2CDD	3019.	004060	365	139	155.86	162.26	165.70	167.60	167.59	169.33				5
31 36W 18BAA	3056.	004060	376	96	102.24	112.68	116.45	123.86	127.33	130.08				6
31 36W 27BCB	3071.	004060	461	136	137.34		149.43	155.84	157.66	162.97				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				9
31 38W 17CDA	3170.	004060	380	110	131.00		149.59	157.33	165.40	174.90				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				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				14
32 37W 4ACA	3141.	004060	521	144	162.00	171.68	175.47	181.65	186.88	192.41				15
32 37W 10DCC	3120.	004060	540	127	136.45	142.05	143.99	147.31	151.07	153.37				16
32 38W 6ACC	3150.	004060	320	60	55.64	56.29	56.34	56.90	58.49	57.87				17
32 38W 11ADA	3159.	004060	529	118	114.12	114.39	113.60	112.65	113.36	115.50				18
32 38W 23BDD	3175.	004060	505	116	106.23	108.06	101.69		110.46	119.33				19
32 39W 2BBB	3216.	004060	296	96	132.95	141.31	144.02	158.34		172.64				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				22
33 36W 26DDD	3032.	004060	422	121	118.73	125.17	125.17	126.80	138.90	139.10				23
33 37W 9BCC	3113.	004060	525	81		77.92	78.64			77.50				24
33 37W 17CCC	3124.	004060	554	83	89.32	72.42	72.85	75.22	78.31	81.39				25
33 37W 23CDB	3092.	004060	562	87	83.85	90.72	91.94	94.24	94.54	95.57				26
33 38W 6AAB	3203.	004060	378	93	94.67	91.67	90.98	91.13	90.84	91.68				27
33 38W 10ACC	3166.	004060	466	101	107.76	106.97	107.51	111.20	115.02	119.46				28
33 38W 20DDDB	3191.	004060	456	106	124.95	133.85	132.22	133.71	143.21	140.40				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				32
34 37W 8DAC	3162.	004060	642	133	113.02	113.64	113.36	110.08	114.60	117.07				33
34 37W 27ABC	3132.	004060	532	125	105.80	103.52	103.13	103.38	103.70	104.49				34
34 38W 2CDB	3197.	004060	577	139	136.00	137.13	137.63	139.03		142.84				35

INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1940	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
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				37
34 39W 14DDD	3276.	004060	497	154				159.09	158.89	159.38				38
34 39W 15CAD	3280.	004060	510	141	141.73	138.16	136.97	135.59	134.79	135.90				39
35 36W 1AAA	3022.	004060	590	120		103.38	104.59	103.99		107.76				40
35 39W 10CAD	3302.	004060	502	183	188.00	196.20	185.85	186.05	184.90	185.41				41

DATA TABULATED 03 09 77

SOUTHWESTERN KANSAS.

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INPUT DATA FOR WATER-LEVEL CHANGE TABLES

WELL NUMBER	ALTITUDE	AQUIFER	DEPTH TO BEDROCK	DEPTH TO WATER 1940	DEPTH TO WATER 1966	DEPTH TO WATER 1973	DEPTH TO WATER 1974	DEPTH TO WATER 1975	DEPTH TO WATER 1976	DEPTH TO WATER 1977	DEPTH TO WATER 1978	DEPTH TO WATER 1979	DEPTH TO WATER 1980	N
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Table 2.--Changes in depth to water and saturated thickness, in northwestern Kansas.

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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.

[illegible]

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
CHEYENNE COUNTY CONTINUED										
4 41W 16DAA	QA	16.10	2.30	-1.86	-3.10	-0.17	-0.11	21.90	25.00	-12.40
4 41W 25BCB	TO	142.30		-2.66	-1.30	-0.24	-0.05	68.70	70.00	-1.86
4 41W 31ACA	TO	96.21	-0.34	-2.19	-2.21	-0.20	-0.08	45.79	48.00	-4.60
4 42W 26BDB	QA, TO	19.82	2.50	2.33	-1.82	0.21	-0.07	36.18	38.00	-4.79
5 37W 15DBB	TO	153.34	-5.27	-16.94	-16.34	-1.54	-0.61	143.66	160.00	-10.21
5 38W 13BAA	TO	81.21	-5.21	-8.65	-7.21	-0.79	-0.27	138.79	146.00	-4.94
5 38W 22ACB	TO	95.88	-2.68	-5.28	-5.88	-0.48	-0.22	174.12	180.00	-3.27
5 38W 26CCA	TO	122.04	-4.14	-10.34	-10.04	-0.94	-0.37	162.96	173.00	-5.80
5 39W 8CCC	TO	182.44	-1.20	-6.80	-7.44	-0.62	-0.28	138.56	146.00	-5.10
5 39W 11CBC	TO	149.46	8.83	-9.36	-9.46	-0.85	-0.35	141.54	151.00	-6.26
5 39W 19BRC	TO								121.00	
5 39W 25CDA	TO	136.80	-6.61	-11.75	-9.80	-1.07	-0.36	158.20	168.00	-5.83
5 40W 4CBD	TO	207.51	-1.04	-6.71	-7.51	-0.61	-0.28	122.49	130.00	-5.78
5 40W 14BCD	TO	212.29	-5.99		-25.29		-0.94	112.71	138.00	-18.33
5 40W 15ACB	TO	211.82	-2.65	-22.72	-21.82	-2.07	-0.81	120.18	142.00	-15.37
5 40W 27BRA	TO	199.50	10.74		-26.50		-0.98	127.50	154.00	-17.21
5 41W 12ADC	TO	207.09	-3.03	-8.79	-9.09	-0.80	-0.34	105.91	115.00	-7.90
5 41W 20DAA	TO	223.43	-2.13	-11.75	-16.43	-1.07	-0.61	85.57	102.00	-16.11
5 42W 4AAB	QA, TO	18.10	3.10	-1.94	-3.10	-0.18	-0.11	66.90	70.00	-4.43
5 42W 14CBC	TO	165.62	-10.74	-18.12	-20.62	-1.65	-0.76	49.38	70.00	-29.46
5 42W 36CCB	TO	209.19	-1.06	-5.59	-9.19	-0.51	-0.34	95.81	105.00	-8.75

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TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
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CHEYENNE COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	243.88	-12.24	-25.41	-31.46	-2.31	-1.17	174.12	180.00	-54.79
MINIMUM	6.77	-0.07	-0.01	-0.06	-0.00	-0.00	2.40	2.00	-0.37
RANGE	237.11	12.17	25.40	31.40	2.31	1.16	171.72	178.00	54.41
MEAN	140.04	-3.24	-8.31	-10.71	-0.76	-0.40	81.98	88.39	-12.90
NUMBER	48	33	44	46	44	46	48	56	46

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
DECATUR COUNTY										
1 26W 180DB	QA	30.19		-3.72	-2.19	-0.34	-0.08	28.81	31.00	-7.06
1 29W 30DB	QA	29.80	-1.18	-6.74	-6.80	-0.61	-0.25	15.20	22.00	-30.91
1 29W 198DD	QA	20.75	-2.18	-9.78	-10.75	-0.89	-0.40	32.25	43.00	-25.00
1 30W 340DD	QA	32.41	-3.71	-10.87	-12.41	-0.99	-0.46	27.59	40.00	-31.02
2 26W 11BRA	TO	86.24	0.23	1.11	-1.24	0.10	-0.05	23.76	25.00	-4.96
2 28W 13ARA		28.94	-1.57	-2.71	-1.94	-0.25	-0.07	29.06	31.00	-6.26
2 29W 24BCC	TO	96.59	0.06	0.04	3.41	0.00	0.13	27.41	24.00	14.21
2 30W 26DCC	TO	139.08	-0.73		-14.08		-0.52	86.92	101.00	-13.94
3 26W 30CRB2	TO	126.36	0.08	-6.91	-7.36	-0.63	-0.27	15.64	23.00	-32.00
3 27W 32ABA	TO	74.68	0.12	0.15	-0.68	0.01	-0.03	45.32	46.00	-1.48
3 28W 6DCB	QA	33.05	-3.06	-7.44	0.95	-0.68	0.04	21.95	21.00	4.52
3 28W 32BCA	TO	134.70	-2.22	-1.02	-1.70	-0.09	-0.06	45.30	47.00	-3.62
3 29W 12BBA	QA	27.04	0.76	-2.14	-1.04	-0.19	-0.04	27.96	29.00	-3.59
3 29W 17DCB	QA, TO	22.43	-1.10	-2.38	-3.43	-0.22	-0.13	27.57	31.00	-11.06
3 29W 31DCC	QA	24.04		-3.69	-4.04	-0.34	-0.15	13.96	18.00	-22.44
3 30W 3CBA	TO								81.00	
3 30W 26BBB	QA	12.42		-2.22	-5.42	-0.20	-0.20	36.58	42.00	-12.90
4 26W 8DDD	QA	31.23	-2.23	-2.50	-5.23	-0.23	-0.19	38.77	44.00	-11.89
4 26W 19DCA	QA	17.66	-1.98	-3.58	-3.66	-0.33	-0.14	19.34	23.00	-15.91
4 26W 36BBB	TO								41.00	
4 27W 17DAC	TO	105.89	-0.50	-2.07	-0.89	-0.19	-0.03	56.11	57.00	-1.56
4 27W 33BBB	QA	18.17	-2.00	-2.09	-5.17	-0.19	-0.19	35.83	41.00	-12.61
4 28W 15AAA	TO	94.99	-1.44	-0.88	-2.99	-0.08	-0.11	35.01	38.00	-7.87
4 28W 30DDD	TO								18.00	
4 30W 7BBB	QA	13.59		-6.20	-6.59	-0.56	-0.24	7.41	14.00	-47.07
4 30W 9DDD	TO	84.20	2.49	-0.05	-7.20	-0.00	-0.27	6.80	14.00	-51.43
4 30W 25DCC	TO	89.37	-0.91	-2.47	-7.37	-0.22	-0.27	63.63	71.00	-10.38
5 26W 5ADD	TO	128.44	-0.10	0.49	-0.44	0.04	-0.02	41.56	42.00	-1.05
5 26W 26DDA	QA	22.96	-0.57	-0.53	3.04	-0.05	0.11	51.04	48.00	6.33
5 26W 33DCC	QA	18.29		-0.07	1.71	-0.01	0.06	41.71	40.00	4.28
5 27W 21CCA	TO	103.75	-0.09	0.48	-0.75	0.04	-0.03			
5 28W 7BBC	QA	17.24	-1.69	2.70	1.76	0.25	0.07	34.76	33.00	5.33
5 28W 10BRB	QA	11.20	-1.87	-3.16	0.80	-0.29	0.03	35.80	35.00	2.29
5 28W 14ADD	TO	135.74	-0.64	-0.68	-2.74	-0.06	-0.10	24.26	27.00	-10.15
5 28W 17DAC	TO	102.55		-0.25	-0.55	-0.02	-0.02	21.45	22.00	-2.50

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TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
DECATUR COUNTY CONTINUED										
5 29W 11BAA	QA	13.09	-0.09	-0.70	-3.09	-0.06	-0.11	28.91	32.00	-9.66
5 29W 22CBB	QA	12.96	1.34	-0.35	-1.96	-0.03	-0.07	33.04	35.00	-5.60
5 30W 35BCB	TO	116.77	0.18	-5.15	-4.77	-0.47	-0.18	83.23	88.00	-5.42

TABLE 2. CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
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DECATUR COUNTY. CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	139.08	-3.71	-10.87	-14.08	-0.99	-0.52	86.92	101.00	-51.43
MINIMUM	11.20	-0.09	-0.05	-0.44	-0.00	-0.02	6.80	14.00	-1.05
RANGE	127.88	3.62	10.82	13.64	0.98	0.51	80.12	87.00	50.38
MEAN	58.77	-1.42	-3.23	-4.36	-0.29	-0.16	34.23	38.32	-14.26
NUMBER	35	21	28	29	28	29	34	37	28

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
GOVE COUNTY										
11 26W 4CDC	TO	61.03	1.37	-1.03	0.97	-0.09	0.04	128.97	128.00	0.76
11 27W 16AAA	TO								85.00	
11 27W 36BCC	TO	77.09	-1.83					62.91		
11 29W 4DAD	TO	112.90	1.30		-3.90		-0.14	57.10	61.00	-6.39
11 30W 27ABB	TO	124.94	0.16		-7.94		-0.29	40.06	48.00	-16.54
12 28W 12DDD	TO								57.00	
13 26W 20CBC	QA	9.73	-0.45	1.45		0.13		33.27		

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
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GOVE COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	124.94	-1.83	-1.03	-7.94	-0.09	-0.29	128.97	128.00	-16.54
MINIMUM	9.73	1.37	-1.03	0.97	-0.09	0.04	33.27	48.00	0.76
RANGE	115.21	0.46	0.	6.97	0.	0.26	95.70	80.00	15.78
MEAN	77.14	-1.14	-1.03	-5.92	-0.09	-0.22	64.46	75.80	-11.47
NUMBER	5	2	1	2	1	2	5	5	2

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
LOGAN COUNTY										
11 32W 4ACD	TO								112.00	
11 32W 19AAB	TO	101.40	-1.94		-9.40		-0.35	81.60	91.00	-10.33
11 34W 16CDB	TO	123.00		-4.53	-1.00	-0.41	-0.04	47.00	48.00	-2.08
11 36W 6ADD2	TO	158.89	-2.29	-21.83	-16.89	-1.98	-0.63	61.11	78.00	-21.65
11 36W 6DBB2	TO	169.08		-19.08	-21.08	-1.73	-0.78	112.92	134.00	-15.73
12 32W 27ABB	TO									
13 35W 23BCC	QA	50.09	-1.77		-5.09		-0.19	11.91	17.00	-29.94
13 36W 20CCB	QA	10.90	0.60					19.10		

TABLE 2 CONTINUED

NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
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LOGAN COUNTY CONTINUED

MINING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

JM		169.08	-2.29	-21.83	-21.08	-1.98	-0.78	112.92	134.00	-29.94
JM		10.90	-1.77	-4.53	-1.00	-0.41	-0.04	11.91	17.00	-2.08
SE		158.18	0.52	17.30	20.08	1.57	0.74	101.01	117.00	27.86
AN		102.23	-2.00	-15.15	-10.69	-1.38	-0.40	55.61	80.00	-15.95
ER		6	3	3	5	3	5	6	6	5

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
RAWLINS COUNTY										
1 33W 29CCC	TO	118.10	-3.12	-2.47	-3.10	-0.22	-0.11	25.90	29.00	-10.69
2 31W 3CAD	QA	19.22	-0.99	-4.52	-4.22	-0.41	-0.16	22.78	27.00	-15.63
2 32W 14DCA	QA	23.03	-1.53	-4.61	-5.03	-0.42	-0.19	25.97	31.00	-16.23
2 32W 20DCD	QA	12.84	-0.96	-4.54	-7.84	-0.41	-0.29	19.16	27.00	-29.04
2 33W 26DCC	QA	24.39		-4.54	-11.39	-0.41	-0.42	21.61	33.00	-34.52
2 35W 13ABB	TO	171.22	2.97	-0.88	2.78	-0.08	0.10	36.78	34.00	8.18
2 35W 34CAA	QA, TO	31.63	-1.20	-1.98	-2.63	-0.18	-0.10	80.37	83.00	-3.17
2 36W 13DDD	TO	196.99	-6.21	-6.89	-10.99	-0.63	-0.41	63.01	74.00	-14.85
2 36W 15CDD	TO	204.60	-0.10	-0.75	-0.60	-0.07	-0.02	85.40	86.00	-0.70
2 36W 18CCB	TO	230.05	-11.65	-10.77	-13.05	-0.98	-0.48	67.95	81.00	-16.11
2 36W 36BAA	TO	185.83	-3.63	-15.98	-25.83	-1.45	-0.96	94.17	120.00	-21.52
3 31W 7CBD	TO	151.34	-3.71	-5.03	-9.34	-0.46	-0.35	48.66	58.00	-16.10
3 31W 23BRB	TO	73.60	-1.12	-0.50	-0.60	-0.05	-0.02	45.40	46.00	-1.30
3 31W 27DAD	TO	93.26	0.54	-1.06	-3.26	-0.10	-0.12	37.74	41.00	-7.95
3 33W 3DCC	QA	26.47	1.43	-5.87	-4.47	-0.53	-0.17	35.53	40.00	-11.17
3 33W 8CDC	QA	23.00	-2.74	-6.88	-3.00	-0.63	-0.11	29.00	32.00	-9.38
3 34W 3ABB	QA	17.77		-3.97	-5.77	-0.36	-0.21	22.23	28.00	-20.61
3 34W 26BAC	QA	10.95		-2.47	-3.95	-0.22	-0.15	29.05	33.00	-11.97
3 34W 33BCC	QA	17.10	-2.90	-3.02	-3.10	-0.27	-0.11	34.90	38.00	-8.16
3 35W 24CBQ	QA	29.57	-0.30	-4.85	-8.57	-0.44	-0.32	20.43	29.00	-29.55
3 36W 14CBB	TO	209.39	-3.19	-18.11	-21.39	-1.65	-0.79	99.61	121.00	-17.68
3 36W 17CCC	TO	205.38	-1.30	-9.99	-9.38	-0.91	-0.35	94.62	104.00	-9.02
3 36W 28DAA	TO	164.06		-6.06	-14.06	-0.55	-0.52	126.94	141.00	-9.97
4 31W 16ABD	QA	11.18	-2.05	-3.25	-4.18	-0.30	-0.15	38.82	43.00	-9.72
4 31W 25DDD	QA	15.97		-1.29	-0.97	-0.12	-0.04	16.03	17.00	-5.71
4 33W 18DDA	TO	83.77	-1.53	3.92	4.23	0.36	0.16	69.23	65.00	6.51
4 33W 28DCA	TO	156.80		-5.53	-4.80	-0.50	-0.18	80.20	85.00	-5.65
4 34W 33CBC	TO	121.08	-1.75	-3.86	-6.08	-0.35	-0.23	88.92	95.00	-6.40
4 35W 6DCD	TO	165.10		-7.28	-8.10	-0.66	-0.30	94.90	103.00	-7.86
4 35W 13DAD	QA	16.06	-0.30	-1.00	-3.06	-0.09	-0.11	34.94	38.00	-8.05
4 35W 29DDD	TO	150.60	4.20	-0.42	-0.60	-0.04	-0.02	73.40	74.00	-0.81
4 36W 6BRB	TO	194.10	-1.48		-32.10		-1.19	98.90	131.00	-24.50
4 36W 9CDD	QA, TO	23.52	-1.40	-6.07	-5.52	-0.55	-0.20	111.48	117.00	-4.72
5 31W 10DDA	TO	43.74	-1.64	-3.56	-13.74	-0.32	-0.51	26.26	40.00	-34.35
5 31W 20CCA	TO	35.49	0.79	-5.79	-13.49	-0.53	-0.50	32.51	46.00	-29.22

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
RAWLINS COUNTY CONTINUED										
5 31W 23DDD	TO	121.28	0.55	-0.68	-3.28	-0.06	-0.12	38.72	42.00	-7.81
5 32W 14CDD	TO	132.14	0.52	-1.29	-2.14	-0.12	-0.08	47.86	50.00	-4.28
5 33W 29BDA	TO	19.28	-1.34	-2.25	-7.28	-0.20	-0.27	95.72	103.00	-7.07
5 34W 18BB	TO	115.10	-1.10	-0.72	0.90	-0.07	0.03	121.90	121.00	0.74
5 34W 28ADC	TO	134.85		-0.73	-7.85	-0.07	-0.29	112.15	120.00	-6.54
5 35W 10CDD	TO								110.00	
5 36W 21BCD	QA, TO	20.12	-0.85	-4.59	-3.12	-0.42	-0.12	134.88	138.00	-2.26

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
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RAWLINS COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	230.05	-11.65	-18.11	-32.10	-1.65	-1.19	134.88	141.00	-34.52
MINIMUM	10.95	-0.10	-0.42	-0.60	-0.04	-0.02	16.03	17.00	-0.70
RANGE	219.10	11.55	17.69	31.50	1.61	1.17	118.85	124.00	33.82
MEAN	92.68	-2.23	-4.46	-7.58	-0.41	-0.28	60.59	68.43	-12.64
NUMBER	41	26	39	38	39	38	41	42	38

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
SHERIDAN COUNTY										
6 27W 3DCD	QA	34.20	-2.00	-2.37	-5.20	-0.22	-0.19	33.80	39.00	-13.33
6 27W 8DCA	QA,TO	20.77	-1.98	-6.16	0.23	-0.56	0.01	87.23	87.00	0.26
6 27W 19DAB	QA	28.55	-1.90	-1.93	1.45	-0.18	0.05	31.45	30.00	4.83
6 27W 27BCC	TO	162.80	-4.74	-8.36	-0.80	-0.76	-0.03	157.20	158.00	-0.51
6 28W 10DAA	TO								68.00	
6 28W 28ADD	QA,TO	44.09	-1.71	-2.72	-2.09	-0.25	-0.08	87.91	90.00	-2.32
6 28W 30BCC	TO	55.37	-2.86	-4.39	-2.37	-0.40	-0.09	103.63	106.00	-2.24
6 29W 10DBC	TO	140.47	-2.07	-21.79	-24.47	-1.98	-0.91	64.53	89.00	-27.49
6 29W 24ABB	TO	100.30	-0.69	-4.05	-9.30	-0.37	-0.34	104.70	114.00	-8.16
6 29W 33CDA	TO	102.19	0.93	-8.87	-8.19	-0.81	-0.30	104.81	113.00	-7.25
6 30W 28CA	QA,TO	19.45	-2.44	-7.80	-9.45	-0.71	-0.35	72.55	82.00	-11.52
6 30W 13BAA	TO	125.49	-1.13		-10.49		-0.39	90.51	101.00	-10.39
6 30W 14CCD	TO	108.19	-1.79	-5.31	-13.19	-0.48	-0.49	94.81	108.00	-12.21
6 30W 24DDC	TO								95.00	
7 26W 6AAB	TO	127.85	-0.32	-1.92	-2.85	-0.17	-0.11	76.15	79.00	-3.61
7 26W 12BAC	TO	101.29	-6.66	-9.30	-7.29	-0.85	-0.27	68.71	76.00	-9.59
7 26W 15BDD	TO	143.13	-3.28					103.87		
7 26W 19BBC	TO	123.63	6.63					77.37		
7 26W 28CAB	TO	152.27	-0.77	-3.79	-10.27	-0.34	-0.38	90.73	101.00	-10.17
7 27W 24BBD	TO	127.09	-2.29	-8.58	-13.09	-0.78	-0.48	92.91	106.00	-12.35
7 28W 8BDC	TO	153.39	-2.04		-13.39		-0.50	128.61	142.00	-9.43
7 28W 19BBA	TO	134.59	-2.43	-16.44	-22.59	-1.49	-0.84	105.41	128.00	-17.65
7 28W 21ABB	TO	146.99	-1.34	-15.94	-17.99	-1.45	-0.67	88.01	106.00	-16.97
7 28W 36ABA	TO	133.86	-0.52	-6.36	-10.86	-0.58	-0.40	99.14	110.00	-9.87
7 29W 2DBD	TO	146.29	-1.69	-10.04	-19.29	-0.91	-0.71	112.71	132.00	-14.61
7 29W 21ABB	TO	142.53	-4.17	-21.35	-21.53	-1.94	-0.80	97.47	119.00	-18.09
7 29W 27CCC	TO	163.81						101.19		
7 29W 30ABA	TO	146.55	-6.22	-24.70	-33.55	-2.25	-1.24	108.45	142.00	-23.63
7 30W 24DDO	TO	143.92	-5.83	-23.99	-32.92	-2.18	-1.22	103.08	136.00	-24.21
8 26W 14DAA	QA	16.70	-3.11	2.83	-3.70	0.26	-0.14	49.30	53.00	-6.98
8 26W 16CDD	QA	36.60	-1.81	-2.09	-13.60	-0.19	-0.50	33.40	47.00	-28.94
8 27W 11DCD	QA	10.10	0.96	-1.54	2.90	-0.14	0.11	49.90	47.00	6.17
8 27W 33BRD	QA	16.97	-0.13	0.95	-1.97	0.09	-0.07	33.03	35.00	-5.63
8 28W 9ABC	TO								114.00	
8 29W 1DCB	TO	137.93	-2.99	-15.30	-12.93	-1.39	-0.48	102.07	115.00	-11.24

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
SHERIDAN COUNTY CONTINUED										
8 29W 29BAA	TO	90.69	0.16	-8.63	-6.69	-0.78	-0.25	132.31	139.00	-4.81
8 30W 11CBC	TO	156.35	-5.35	-22.85	-33.35	-2.08	-1.24	120.65	154.00	-21.66
8 30W 13DAA	TO	128.15	-4.41	-18.39	-25.15	-1.67	-0.93	128.85	154.00	-16.33
8 30W 30ABC	TO	113.84		-7.98	-6.84	-0.73	-0.25	120.16	127.00	-5.39
9 27W 12CCC	TO	110.50	5.42	-3.95	-6.50	-0.36	-0.24	87.50	94.00	-6.91
9 27W 19DDD	TO	127.24	-0.27	-3.59	-3.24	-0.33	-0.12	77.76	81.00	-4.00
9 28W 4BCC	TO,QA	25.57	-2.55	0.15	-7.57	0.01	-0.28	72.43	80.00	-9.46
9 28W 6CCB	QA,TO	7.56	-0.40	-0.63	-3.56	-0.06	-0.13	79.44	83.00	-4.29
9 28W 31AAC	TO							87.00		
9 29W 17BAB	TO	96.11	-1.14	-11.88	-12.11	-1.08	-0.45	99.89	112.00	-10.81
9 29W 26BAA	TO	136.02		-3.97	-13.02	-0.36	-0.48	73.98	87.00	-14.97
9 30W 3AAB2	TO	131.75	-3.29	-12.46	-13.75	-1.13	-0.51	85.25	99.00	-13.89
9 30W 16CDA	TO							136.00		
9 30W 35BBB	TO	139.50	6.20	-10.17	-19.50	-0.92	-0.72	75.50	95.00	-20.53
10 27W 20CBC	QA	19.98	-1.89	-6.03	-7.98	-0.55	-0.30	30.02	38.00	-21.00
10 27W 22DBA	QA	19.54		-0.96	-9.54	-0.09	-0.35	45.46	55.00	-17.35
10 28W 50DB	TO	100.16	-4.34	-4.94	-1.16	-0.45	-0.04	72.84	74.00	-1.57
10 28W 29DAA	QA,TO	26.13	0.36	-0.70	-4.13	-0.06	-0.15	35.87	40.00	-10.33
10 29W 20CCC	QA	11.04	-0.15	-4.14	-3.04	-0.38	-0.11	64.96	68.00	-4.47
10 30W 8DDD	TO	99.32	-1.07	-6.28	-3.32	-0.57	-0.12	86.68	90.00	-3.69
10 30W 12ADA	TO	97.62	5.37	-9.92	-8.62	-0.90	-0.32	89.38	98.00	-8.80
10 30W 17DAD	TO	65.80	-1.03	-2.94	-1.80	-0.27	-0.07	99.20	101.00	-1.78

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
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SHERIDAN COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	163.81	-6.66	-24.70	-33.55	-2.25	-1.24	157.20	158.00	-28.94
MINIMUM	7.56	-0.13	-0.63	-0.80	-0.06	-0.03	30.02	30.00	-0.51
RANGE	156.25	6.53	24.07	32.75	2.19	1.21	127.18	128.00	28.43
MEAN	95.20	-2.37	-8.53	-11.18	-0.78	-0.41	85.25	95.56	-11.31
NUMBER	52	40	44	46	44	46	52	54	46

AC

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
SHERMAN COUNTY										
6 37W 3BCC	TO	161.44		-4.74	-10.44	-0.43	-0.39	116.56	127.00	-8.22
6 37W 7BBA	QA	8.66		-2.49	-3.66	-0.23	-0.14	125.34	129.00	-2.84
6 37W 16CDD	TO	170.26	-1.00	-6.44	-13.26	-0.59	-0.49	93.74	107.00	-12.39
6 37W 19ABB	TO	159.97	-0.87	-4.54	-9.97	-0.41	-0.37	149.03	159.00	-6.27
6 37W 34DCD	TO								157.00	
6 38W 9ABD	TO	156.28	8.80	-4.98	-9.28	-0.45	-0.34	161.72	171.00	-5.43
6 38W 20ACC	TO,QA	13.47		-2.27	-2.47	-0.21	-0.09	157.53	160.00	-1.54
6 39W 9DDD	TO	145.28	-0.46	-2.53	-0.28	-0.23	-0.01	184.72	185.00	-0.15
6 40W 10AAC	TO	156.36	3.68	-5.12	-5.36	-0.47	-0.20	184.64	190.00	-2.82
6 40W 21AAC	TO								172.00	
6 40W 30DCC	TO	160.40	-0.12	-6.80	-1.40	-0.62	-0.05	165.60	167.00	-0.84
6 40W 35BCC	TO	151.39	-1.89	-8.84	-6.39	-0.80	-0.24	186.61	193.00	-3.31
6 41W 1ABB	TO	161.80	-2.16	-5.20	-11.80	-0.47	-0.44	134.20	146.00	-8.08
6 41W 9BCB	TO	186.12		-8.62	-7.12	-0.78	-0.26	142.88	150.00	-4.75
6 41W 19DBD	TO	178.14	-3.39	-8.57	-16.14	-0.78	-0.60	146.86	163.00	-9.90
6 41W 27DBD	TO	156.29	0.09	-14.14	-15.29	-1.29	-0.57	168.71	184.00	-8.31
6 42W 2AAA	TO	192.90	-3.70	-11.20	-13.90	-1.02	-0.51	84.10	98.00	-14.18
6 42W 8CBB	TO	209.35	-4.20	-8.05	-26.35	-0.73	-0.98	94.65	121.00	-21.78
6 42W 22DCC	TO	191.65	0.28	-8.46	-14.65	-0.77	-0.54	123.35	138.00	-10.62
6 42W 30ADA	TO	194.98	-2.69	-11.38	-18.98	-1.03	-0.70	114.02	133.00	-14.27
7 37W 4BBC	TO	136.50	-2.25		-14.50		-0.54	133.50	148.00	-9.80
7 37W 5CCB	TO	134.26	-1.48	-4.31	-10.26	-0.39	-0.38	159.74	170.00	-6.04
7 37W 17BDA	TO	132.88	-0.59	-3.05	-10.88	-0.28	-0.40	156.12	167.00	-6.51
7 38W 16BAA	TO	135.50	-3.70	-8.47	-11.50	-0.77	-0.43	166.50	178.00	-6.46
7 39W 9BBB	TO	112.90	-2.93	-8.06	-6.90	-0.73	-0.26	182.10	189.00	-3.65
7 39W 24BAA	TO	145.40	-0.59	-11.46	-8.40	-1.04	-0.31	154.60	163.00	-5.15
7 39W 30CCB	TO	135.35	-1.55	-17.71	-22.35	-1.61	-0.83	217.65	240.00	-9.31
7 40W 6ADB	TO	160.90	-1.70	-11.48	-8.90	-1.04	-0.33	182.10	191.00	-4.66
7 40W 29BBA	TO	135.00	-3.05	-13.46	-14.00	-1.22	-0.52	153.00	167.00	-8.38
7 40W 35BBB	TO	125.33	-6.75	-22.33	-23.33	-2.03	-0.86	129.67	153.00	-15.25
7 40W 36BAB	TO	129.85	-3.83	-19.91	-24.85	-1.81	-0.92	191.15	216.00	-11.50
7 41W 10BBA	TO	156.05	-3.10		-15.05		-0.56	173.95	189.00	-7.96
7 41W 16ADC	TO	148.30	-5.81	-13.40	-18.30	-1.22	-0.68	168.70	187.00	-9.79
7 41W 28DBB	TO	122.20	-2.28	-10.71	-11.20	-0.97	-0.41	157.80	169.00	-6.63
7 42W 7DAA	TO	189.03	-2.51	-24.63	-26.03	-2.24	-0.96	130.97	157.00	-16.58

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
SHERMAN COUNTY CONTINUED										
7 42W 17CCC	TO	131.70	-2.23	-13.73	-12.70	-1.25	-0.47	131.30	144.00	-8.82
7 42W 27AAB	TO	157.65	-2.55	-17.05	-15.65	-1.55	-0.58	163.35	179.00	-8.74
8 37W 3ADB	TO	150.49	-1.45	-6.90	-24.49	-0.63	-0.91	122.51	147.00	-16.66
8 37W 6ADB	TO	137.45	-1.55	-4.15	-13.45	-0.38	-0.50	126.55	140.00	-9.61
8 37W 21CCC	TO	138.87	-4.93	-17.71	-18.87	-1.61	-0.70	91.13	110.00	-17.15
8 37W 28ABC	TO	139.49	-11.83	-27.34	-29.49	-2.49	-1.09	98.51	128.00	-23.04
8 37W 32ABB	TO	93.91	-2.06	-13.54	-10.91	-1.23	-0.40	122.09	133.00	-8.20
8 38W 17CDD	TO	154.50	-1.54	-12.31	-11.50	-1.12	-0.43	138.50	150.00	-7.67
8 38W 24AAB	TO	115.77	-1.12	-4.36	-5.77	-0.40	-0.21	144.23	150.00	-3.85
8 38W 28ACC	TO	143.02	-1.77	-10.67	-9.02	-0.97	-0.33	87.98	97.00	-9.30
8 39W 2BAA	TO	156.64	-4.21	-21.39	-18.64	-1.94	-0.69	138.36	157.00	-11.87
8 39W 15CCC	TO	156.88	-0.73	-21.88	-29.88	-1.99	-1.11	115.12	145.00	-20.61
8 39W 17DCD	TO	182.37	-4.32	-21.57	-30.37	-1.96	-1.12	117.63	148.00	-20.52
8 39W 27AAB	TO	170.76	-3.53	-26.14	-28.76	-2.38	-1.07	124.24	153.00	-18.80
8 39W 28CAB	TO	162.15	-1.69	-18.15	-32.15	-1.65	-1.19	125.85	158.00	-20.35
8 40W 12DBA	TO	161.52	-6.20	-28.17	-41.52	-2.56	-1.54	128.48	170.00	-24.42
8 40W 17CDB	TO	124.32	-0.09	-16.63	-22.32	-1.51	-0.83	152.68	175.00	-12.75
8 40W 20CBC3	TO	116.87	-4.48	-27.46	-30.87	-2.50	-1.14	149.13	180.00	-17.15
8 40W 20CCC	TO	110.91	-3.37	-30.51	-30.91	-2.77	-1.14	166.09	197.00	-15.69
8 40W 20DAA	TO	68.40	-4.42	-12.40	-23.40	-1.13	-0.87	147.60	171.00	-13.68
8 40W 24AAA	TO	179.16	-3.41	-30.23	-45.16	-2.75	-1.67	110.84	156.00	-28.95
8 40W 25AAC	TO	180.35	-3.15	-22.35	-47.35	-2.03	-1.75	109.65	157.00	-30.16
8 40W 35CCB	TO	157.26	-3.32	-27.01	-25.26	-2.46	-0.94	114.74	140.00	-18.04
8 41W 17CBA	TO	148.59		-19.79	-19.59	-1.80	-0.73	151.41	171.00	-11.46
8 41W 25BBC	TO	109.78	-2.63	-14.27	-15.78	-1.30	-0.58	154.22	170.00	-9.28
8 42W 4BRC	TO								171.00	
8 42W 15DDB	TO	124.65	-7.67	-25.34	-26.65	-2.30	-0.99	149.35	176.00	-15.14
8 42W 19ABB	TO	165.11	-5.21	-34.77	-41.11	-3.16	-1.52	144.89	186.00	-22.10
8 42W 29ACB	TO	121.56	-3.28	-21.48	-20.56	-1.95	-0.76	107.44	128.00	-16.06
8 42W 31DCD	TO	74.79	-3.39	-16.55	-24.79	-1.50	-0.92	132.21	157.00	-15.79
8 42W 34DCB	TO	147.66	-4.12	-23.01	-23.66	-2.09	-0.88	117.34	141.00	-16.78
9 38W 11DDD	TO								46.00	
9 38W 13BCC	TO	75.37			-1.37		-0.05	86.63	88.00	-1.56
9 39W 17BBA	TO								110.00	
9 39W 19CCC	TO	132.59	-3.99		-27.59		-1.02	112.41	140.00	-19.71

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
SHERMAN COUNTY CONTINUED										
9 40W 8CCB	TO	148.15	-3.95		-25.15		-0.93	102.85	128.00	-19.65
9 40W 8CDB	TO	144.58	-3.94	-28.58	-28.58	-2.60	-1.06	106.42	135.00	-21.17
9 40W 13CDC	TO	158.49	-7.00	-33.35	-35.49	-3.03	-1.31	101.51	137.00	-25.91
9 40W 27CDC	TO	154.24	-3.37	-26.54	-29.24	-2.41	-1.08	159.76	189.00	-15.47
9 40W 29BBB	TO	144.33	0.65	-24.95	-22.33	-2.27	-0.83	101.67	124.00	-18.01
9 41W 5DCC	TO	157.81	-3.41	-21.91	-29.81	-1.99	-1.10	107.19	137.00	-21.76
9 41W 11DCB	TO	161.96		-26.54	-29.96	-2.41	-1.11	134.04	164.00	-18.27
9 41W 14BRC	TO	166.99	-5.99		-32.99		-1.22	130.01	163.00	-20.24
9 41W 28AAA	TO	154.53	1.06	-20.33	-30.53	-1.85	-1.13	135.47	166.00	-18.39
9 41W 32AAA	TO	134.99	-8.44	-23.87	-24.99	-2.17	-0.93	149.01	174.00	-14.36
9 41W 34BAB	TO								179.00	
9 42W 8AAA	TO	152.70	-2.61	-21.92	-32.70	-1.99	-1.21	118.30	151.00	-21.66
9 42W 11CCC	TO	166.29	-2.41	-31.29	-41.29	-2.84	-1.53	107.71	149.00	-27.71
9 42W 14AAA	TO	161.98	-3.92	-31.41	-45.98	-2.86	-1.70	129.02	175.00	-26.27
9 42W 16CDD2	TO								177.00	
9 42W 35ABB	TO	137.09	-6.11	-34.11	-35.09	-3.10	-1.30	130.91	166.00	-21.14
10 37W 23ABB	TO								118.00	
10 40W 68BB	TO								210.00	
10 40W 10ADC	QA,TO	16.91	-0.73	-1.16	-4.91	-0.11	-0.18	51.09	56.00	-8.77
10 41W 15CAD	QA,TO								105.00	
10 42W 21BBB	TO	99.59	-2.91	-14.09	-26.59	-1.28	-0.98	123.41	150.00	-17.73
10 42W 24BBA	TO	94.83	-4.23	-10.90	-21.83	-0.99	-0.81	109.17	131.00	-16.66

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
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SHERMAN COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	209.35	-11.83	-34.77	-47.35	-3.16	-1.75	217.65	240.00	-30.16
MINIMUM	8.66	-0.09	-1.16	-0.28	-0.11	-0.01	51.09	46.00	-0.15
RANGE	200.69	11.74	33.61	47.07	3.06	1.74	166.56	194.00	30.01
MEAN	141.47	-3.27	-16.20	-20.37	-1.47	-0.75	135.02	154.21	-13.30
NUMBER	82	69	76	82	76	82	82	92	82

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
THOMAS COUNTY										
6 31W 3ADB	TO	119.02	4.03	-3.82	-10.02	-0.35	-0.37	72.98	83.00	-12.07
6 31W 33CCD	QA,TO	28.45	-2.60	-18.15	-10.45	-1.65	-0.39	102.55	113.00	-9.25
6 32W 12CBC	TO	115.99	-0.27	-1.92	-0.99	-0.17	-0.04	94.01	95.00	-1.04
6 32W 29CDC	TO	124.49	-6.52	-13.42	-11.49	-1.22	-0.43	79.51	91.00	-12.63
6 33W 27AAD	QA,TO								114.00	
6 33W 32DBB	QA,TO								97.00	
6 34W 1DDD	TO									
6 34W 10DDA	TO	151.10	-3.96	-11.52	-7.10	-1.05	-0.26	83.90	91.00	-7.80
6 34W 11CDD	TO	164.04	-1.68	-8.04	-6.04	-0.73	-0.22	88.96	95.00	-6.36
6 34W 17CBC	TO	156.48	-2.97	-5.36	-5.48	-0.49	-0.20	101.52	107.00	-5.12
6 35W 2CDD	TO	128.80	-0.56	-1.91	-11.80	-0.17	-0.44	121.20	133.00	-8.87
6 35W 26ACB	TO	151.83	-1.28	-2.18	-0.83	-0.20	-0.03	103.17	104.00	-0.80
6 36W 6BCD	TO								149.00	
6 36W 11ACC	TO	166.50	-0.59	-5.73	1.50	-0.52	0.06	113.50	112.00	1.34
6 36W 30DCB	TO	152.40	-1.34	-5.44	-0.40	-0.49	-0.01	154.60	155.00	-0.26
6 36W 34DDB	TO	98.60	6.23	-4.99	0.40	-0.45	0.01	147.40	147.00	0.27
7 31W 1DCA	TO	106.82	-1.37	-5.57	1.18	-0.51	0.04	139.18	138.00	0.86
7 31W 26CCC	TO	114.95	-2.45	-11.39	-10.95	-1.04	-0.41	119.05	130.00	-8.42
7 32W 7ACA	TO	75.35	-1.93	-11.85	-7.35	-1.08	-0.27	70.65	78.00	-9.42
7 32W 13AAA	TO	113.81	-1.73	-13.24	-11.81	-1.20	-0.44	120.19	132.00	-8.95
7 33W 7BDA	TO	154.49	-0.01	-5.27	-13.49	-0.48	-0.50	99.51	113.00	-11.94
7 33W 21DBC	TO	112.30	-1.72	-8.72	-1.30	-0.79	-0.05	97.70	99.00	-1.31
7 33W 35ADD	TO	145.34		-14.11	-14.34	-1.28	-0.53	106.66	121.00	-11.85
7 34W 8BBB	TO	98.40	1.55	-2.91	-4.40	-0.26	-0.16	105.60	110.00	-4.00
7 34W 25AAA	TO	111.68	-1.66	-5.84	-5.68	-0.53	-0.21	128.32	134.00	-4.24
7 34W 26DBD	TO	108.19	-0.46	-3.94	-4.19	-0.36	-0.16	121.81	126.00	-3.33
7 35W 10CCC	TO	127.56	1.84	-8.28	-4.56	-0.75	-0.17	130.44	135.00	-3.38
7 36W 17CCC	TO	141.47	-1.46	-7.35	-2.47	-0.67	-0.09	125.53	128.00	-1.93
7 36W 35CBB	TO	87.02	-0.61	-5.31	-5.02	-0.48	-0.19	133.98	139.00	-3.61
8 31W 20CDD	TO	107.96	4.41	-6.51	-9.96	-0.59	-0.37	112.04	122.00	-8.16
8 32W 7BAA	TO	111.61	-8.25	-12.75	-13.61	-1.16	-0.50	160.39	174.00	-7.82
8 32W 12DBC	TO	106.49	4.51	1.75	3.51	0.16	0.13	110.51	107.00	3.28
8 32W 27DAB	TO	110.15	-1.48	0.12	1.85	0.01	0.07	117.85	116.00	1.59
8 33W 2CDD	TO	134.56	-1.31	-11.56	-14.56	-1.05	-0.54	135.44	150.00	-9.71
8 33W 7AAB	TO	170.14	-15.45	-27.06	-26.14	-2.46	-0.97	73.86	100.00	-26.14

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
THOMAS COUNTY CONTINUED										
8 33W 34BBC	TO	138.96	2.44	-9.44	-8.96	-0.86	-0.33	58.04	67.00	-13.37
8 34W 1BAC	TO	121.46	-1.31	-5.81	-8.46	-0.53	-0.31	148.54	157.00	-5.39
8 34W 6CBC	TO	137.75	-0.86	-2.85	-7.75	-0.26	-0.29	89.25	97.00	-7.99
8 34W 23CBD	TO	165.98	-2.28	-11.38	-3.98	-1.03	-0.15	69.02	73.00	-5.45
8 36W 18ABA2	TO	125.35	-0.91	-3.09	-0.35	-0.28	-0.01	107.65	108.00	-0.32
9 31W 10BBB	TO	85.50	1.06	-2.55	-0.50	-0.23	-0.02	91.50	92.00	-0.54
9 31W 22ABD	TO	82.86	-6.17	-6.01	0.14	-0.55	0.01	108.14	108.00	0.13
9 31W 36AAB	TO	136.89		-6.24	-6.89	-0.57	-0.26	72.11	79.00	-8.72
9 32W 9BDA	TO	67.93	-0.90	-1.14	-9.93	-0.10	-0.37	105.07	115.00	-8.63
9 32W 27BCD	TO	112.24	-1.55	-14.66	-15.24	-1.33	-0.56	94.76	110.00	-13.85
9 33W 7BRB	TO	128.90	-0.62	-13.06	-11.90	-1.19	-0.44	127.10	139.00	-8.56
9 33W 14AAB	TO								117.00	
9 33W 15ACC	TO	115.17	-4.32	-16.40	-15.17	-1.49	-0.56	132.83	148.00	-10.25
9 33W 30CAA	TO	193.48	-5.53	-17.38	-32.48	-1.58	-1.20	86.52	119.00	-27.29
9 33W 31CDB	TO	175.13	-6.79	-29.93	-39.13	-2.72	-1.45	139.87	179.00	-21.86
9 33W 35AAD	TO	143.95	-3.13	-15.05	-18.95	-1.37	-0.70	106.05	125.00	-15.16
9 35W 32DAA	TO	187.74	0.51	-0.07	-5.74	-0.01	-0.21	47.26	53.00	-10.83
10 31W 26AAA	QA, TO	8.38	1.06	-3.30	2.62	-0.30	0.10	22.62	20.00	13.10
10 31W 29AAB	TO	86.73	-1.51	-4.63	-4.73	-0.42	-0.18	96.27	101.00	-4.68
10 32W 4CAB	TO	114.06	-3.11	-10.96	-8.06	-1.00	-0.30	99.94	108.00	-7.46
10 32W 11BAA	TO	110.39	-1.46	-5.43	-0.39	-0.49	-0.01	60.61	61.00	-0.64
10 32W 29DCB	TO	89.52	-0.89	-9.04	-11.52	-0.82	-0.43	94.48	106.00	-10.87
10 33W 3DBC	TO	150.60	-13.18	-23.38	-30.60	-2.13	-1.13	103.40	134.00	-22.84
10 33W 6BBC	TO	177.66	-4.48		-41.66		-1.54	137.34	179.00	-23.27
10 33W 19CBD	TO	103.76	-0.85	-4.37	-3.76	-0.40	-0.14	62.24	66.00	-5.70
10 33W 27BBB	TO	97.70		-5.44	-10.70	-0.49	-0.40	54.30	65.00	-16.46
10 34W 1ABA	TO	177.00	-3.83	-29.40	-39.00	-2.67	-1.44	124.00	163.00	-23.93
10 34W 12BCD	TO	173.74	3.45	-4.90	-16.74	-0.45	-0.62	123.26	140.00	-11.96
10 34W 14BCC	TO	142.30	-0.59	-0.15	-4.30	-0.01	-0.16	51.70	56.00	-7.68
10 36W 7ACC	TO	172.18	-2.20		-17.18		-0.64			
10 36W 36ACC	TO	171.78		-3.13	-7.78	-0.28	-0.29	27.22	35.00	-22.23

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TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
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THOMAS COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	193.48	-15.45	-29.93	-41.66	-2.72	-1.54	160.39	179.00	-27.29
MINIMUM	8.38	4.03	-0.07	-0.35	-0.01	-0.01	22.62	20.00	-0.26
RANGE	185.10	11.42	29.86	41.31	2.71	1.53	137.77	159.00	27.04
MEAN	126.08	-2.79	-8.83	-11.04	-0.80	-0.41	101.89	111.84	-9.52
NUMBER	61	46	57	54	57	54	60	64	53

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
WALLACE COUNTY										
11 38W 35CCC2	TO	138.60	-7.64	-62.60	-57.60	-5.69	-2.13	50.40	108.00	-53.33
11 42W 8DDC	TO	107.10	-1.33		-9.10		-0.34	56.90	66.00	-13.79
13 42W 10BAC	TO									

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
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WALLACE COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM		138.60	-7.64	-62.60	-57.60	-5.69	-2.13	56.90	108.00	-53.33
MINIMUM		107.10	-1.33	-62.60	-9.10	-5.69	-0.34	50.40	66.00	-13.79
RANGE		31.50	6.31	0.	48.50	0.	1.80	6.50	42.00	39.55
MEAN		122.85	-4.49	-62.60	-33.35	-5.69	-1.24	53.65	87.00	-33.56
NUMBER		2	2	1	2	1	2	2	2	2

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.

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
GREELEY COUNTY										
16 39W 2BDC	TO	119.65	-2.16		-38.65		-1.43	100.35	139.00	-27.81
16 39W 4BAB	TO	142.90			-47.90		-1.77	77.10	125.00	-38.32
16 39W 15CBB		124.15			-28.15		-1.04	38.85	67.00	-42.01
16 39W 18BBC	TO	141.76	-3.18	-16.76	-23.76	-1.52	-0.88	58.24	82.00	-28.98
16 39W 22DCB	TO	122.40		-33.60	-27.40	-3.05	-1.01	40.60	68.00	-40.29
16 39W 25CBB	TO	113.63	1.67	-20.13	-13.63	-1.83	-0.50	53.37	67.00	-20.34
16 40W 2ABA	TO	106.80	-3.61	-26.30	-34.80	-2.39	-1.29	75.20	110.00	-31.64
16 40W 6BAA	TO	136.50	-4.13	-20.80	-32.50	-1.89	-1.20	105.50	138.00	-23.55
16 40W 15ACC	TO	144.50	-5.78	-24.60	-30.50	-2.24	-1.13	47.50	78.00	-39.10
16 40W 18DBA	TO	150.75	-3.98	-24.05	-29.75	-2.19	-1.10	66.25	96.00	-30.99
16 40W 26ADA	TO	108.48			-15.48		-0.57	48.52	64.00	-24.19
16 40W 35BBA	TO	96.50	-1.11	-23.50	-20.50	-2.14	-0.76	28.50	49.00	-41.84
16 41W 5BBB	TO	166.50	-3.87		-38.50		-1.43	83.50	122.00	-31.56
16 41W 20BAD	TO	149.43	3.92	-18.09	-20.43	-1.64	-0.76	84.57	105.00	-19.46
16 41W 23BBD	TO	148.34			-29.34		-1.09	72.66	102.00	-28.76
16 41W 33AAB	TO	160.65	-0.70		-4.65		-0.17	41.35	46.00	-10.11
16 42W 10CBC	TO	198.68			-24.68		-0.91	31.32	56.00	-44.07
16 42W 22BCB	TO	195.92	-1.57	2.58	-12.92	0.23	-0.48	41.08	54.00	-23.93
17 39W 6CCD	TO	135.35	4.30		-1.35		-0.05	44.65	46.00	-2.93
17 39W 14ADD	TO	114.84			-6.84		-0.25	88.16	95.00	-7.20
17 39W 19DBB	TO	129.70	-0.55		-4.70		-0.17	52.30	57.00	-8.25
17 39W 22ABB	TO	124.22	-1.44	-0.86	-6.22	-0.08	-0.23	70.78	77.00	-8.08
17 39W 34CCB	TO	95.40			-0.40		-0.01	39.60	40.00	-1.00
17 40W 4DCB	TO	168.40	8.39	-11.70	-16.40	-1.06	-0.61	18.60	35.00	-46.86
17 40W 15CCB	TO	135.00	-1.50	-7.95	-12.00	-0.72	-0.44	74.00	86.00	-13.95
17 40W 17BRA	TO	182.99			-17.99		-0.67	34.01	52.00	-34.60
17 40W 31BBA	TO	188.10	-10.06	-19.94	-37.10	-1.81	-1.37	29.90	67.00	-55.37
17 41W 1AAD	TO	118.25	-0.28	-1.25	1.75	-0.11	0.06	26.75	25.00	7.00
17 42W 27CBB	TO	39.66	-1.15		-8.66		-0.32	21.34	30.00	-28.87
18 39W 7BBD	TO	125.15	0.35		-16.15		-0.60	19.85	36.00	-44.86
18 39W 19CDA	TO	70.38						29.62		
18 39W 23CCB	TO	131.08	-0.44	-8.88	-18.08	-0.81	-0.67	53.92	72.00	-25.11
18 39W 24AAC	TO	139.40			-34.40		-1.27	43.60	78.00	-44.10
18 40W 4CBD	TO	133.15	-0.67	-1.93	-8.15	-0.18	-0.30	27.85	36.00	-22.64
18 40W 6BBA	TO	144.32			-21.32		-0.79	42.68	64.00	-33.31

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
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GREELEY COUNTY CONTINUED

20 40W 24AAA TO

8.00

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
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GREELEY COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	198.68	-10.06	-33.60	-47.90	-3.05	-1.77	105.50	139.00	-55.37
MINIMUM	39.66	-0.28	-0.86	-0.40	-0.08	-0.01	18.60	8.00	-1.00
RANGE	159.02	9.78	32.74	47.50	2.98	1.76	86.90	131.00	54.37
MEAN	134.37	-2.57	-16.27	-20.71	-1.48	-0.77	51.77	70.63	-28.00
NUMBER	35	18	16	33	16	33	35	35	33

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
LANE COUNTY										
16 29W 26CCD	TO	99.55	-1.53	-10.27	-9.55	-0.93	-0.35	40.45	50.00	-19.10
16 30W 24DCC	TO	116.74	-0.87		-7.74		-0.29	13.26	21.00	-36.86
16 30W 29CDD	TO	123.77	-1.02		-2.77		-0.10	50.23	53.00	-5.23
16 30W 34DAB	TO	118.37			-2.37		-0.09	53.63	56.00	-4.23
17 27W 20CCC	TO	96.40	-1.35		-12.40		-0.46	30.60	43.00	-28.84
17 27W 26CCC	TO	95.60	-0.75		-15.60		-0.58	31.40	47.00	-33.19
17 28W 7BBB	TO	92.96	-1.43		-9.96		-0.37	77.04	87.00	-11.45
17 28W 15BBC	TO	102.02	-1.19		-18.02		-0.67	47.98	66.00	-27.30
17 28W 26ABB	TO	100.50	-2.46	-12.22	-15.50	-1.11	-0.57	39.50	55.00	-28.18
17 28W 34CBB	TO	91.50			-13.50		-0.50	40.50	54.00	-25.00
17 29W 3BDC	TO	109.63			-7.63		-0.28	46.37	54.00	-14.13
17 29W 6CCB	TO	116.46	-1.11		-13.46		-0.50	56.54	70.00	-19.23
17 29W 28DCD	TO	74.45			-6.45		-0.24	48.55	55.00	-11.73
17 29W 36BAA	TO	80.32	-0.12		-10.32		-0.38	38.68	49.00	-21.06
17 30W 5AAC	TO	114.67			-6.67		-0.25	60.33	67.00	-9.96
17 30W 13CBB	TO	87.09	-0.75	-3.15	-3.09	-0.29	-0.11	63.91	67.00	-4.61
17 30W 20BBB	TO	96.20			-9.20		-0.34	68.80	78.00	-11.79
17 30W 22ACA	TO	82.20			-6.20		-0.23	66.80	73.00	-8.49
18 27W 13CCC	TO								7.00	
18 28W 18ACC	TO	66.90	-3.42		-15.90		-0.59	28.10	44.00	-36.14
18 29W 4DAD	TO	64.80	-0.50		-8.80		-0.33	45.20	54.00	-16.30
18 30W 2AAA	TO	83.21	-1.73		-15.21		-0.56	40.79	56.00	-27.16
18 30W 4BAB	TO	69.54			-0.54		-0.02	55.46	56.00	-0.96
18 30W 23AAA	TO	65.07						51.93		

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
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LANE COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	123.77	-3.42	-12.22	-18.02	-1.11	-0.67	77.04	87.00	-36.86
MINIMUM	64.80	-0.12	-3.15	-0.54	-0.29	-0.02	13.26	7.00	-0.96
RANGE	58.97	3.30	9.07	17.48	0.82	0.65	63.78	80.00	35.89
MEAN	93.39	-1.30	-8.55	-9.59	-0.78	-0.36	47.65	54.87	-18.22
NUMBER	23	14	3	22	3	22	23	23	22

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
SCOTT COUNTY										
16 31W 17DDD	TO								43.00	
16 31W 23CCC	TO	133.94			-13.94			40.06	54.00	-25.81
16 31W 31BCB	TO	139.40	-5.60	-10.97	-12.40	-1.00	-0.46	28.60	41.00	-30.24
16 32W 23BCD	TO	148.94	-5.51	-8.15	-12.94	-0.74	-0.48	22.06	35.00	-36.97
16 33W 7CCC	TO	155.07	-1.03	-11.43	-25.07	-1.04	-0.93	37.93	63.00	-39.79
16 33W 19CBB	TO	156.70	-0.32	-15.99	-32.70	-1.45	-1.21	35.30	68.00	-48.09
16 33W 21BCC	TO	163.17		-11.57	-18.17	-1.05	-0.67	24.83	43.00	-42.26
16 33W 24DAB	TO	11.14	0.91	-0.73	-5.14	-0.07	-0.19	46.86	52.00	-9.88
16 33W 25BCC	TO	9.69	1.51		-4.69		-0.17	74.31	79.00	-5.94
16 33W 31CBB	TO	143.46		-14.42	-26.46	-1.31	-0.98	59.54	86.00	-30.77
16 33W 33BAA	TO	145.19	-0.75		-15.19		-0.56	48.81	64.00	-23.73
16 34W 9CCB	TO	148.49	-1.76	-14.97	-30.49	-1.36	-1.13	32.51	63.00	-48.40
16 34W 13CB	TO	154.89			-25.89		-0.96	32.11	58.00	-44.64
16 34W 20DBC	TO	154.59	-2.70	-23.75	-36.59	-2.16	-1.36	35.41	72.00	-50.82
16 34W 22BDC	TO	156.29	-0.84	-19.59	-43.29	-1.78	-1.60	39.71	83.00	-52.16
16 34W 29CBB	TO	155.43	-1.79	-21.31	-36.43	-1.94	-1.35	44.57	81.00	-44.98
16 34W 31BBB2	TO								80.00	
16 34W 34CBB	TO	152.73	-3.03	-23.23	-38.73	-2.11	-1.43	37.27	76.00	-50.96
17 31W 4DCC	TO	121.96			-4.96		-0.18	48.04	53.00	-9.36
17 31W 14CCD	TO	102.88			-8.88		-0.33	61.12	70.00	-12.69
17 31W 17DAA	TO	117.79	-1.31	-6.33	-5.79	-0.58	-0.21	73.21	79.00	-7.33
17 31W 25BCC	TO								82.00	
17 31W 31BBB	TO	105.47	-1.30		-18.47		-0.68	72.53	91.00	-20.30
17 31W 35CCB	TO	95.05			-9.05		-0.34	51.95	61.00	-14.84
17 32W 5ABB	TO								101.00	
17 32W 11DAA	TO								49.00	
17 32W 16BRB	TO	120.11			-32.11		-1.19	110.89	143.00	-22.45
17 32W 27BBB	TO	129.54	-2.95	-22.45	-34.54	-2.04	-1.28	50.46	85.00	-40.64
17 32W 31BCB	TO	110.93	-2.74	-22.24	-42.93	-2.02	-1.59	134.07	177.00	-24.25
17 32W 34CAA	TO	121.63	-3.77	-19.46	-33.63	-1.77	-1.25	40.37	74.00	-45.45
17 33W 7BRB	TO	145.21	-1.61	-10.63	-33.21	-0.97	-1.23	56.79	90.00	-36.90
17 33W 13DDD	TO	117.52			-38.52		-1.43	123.48	162.00	-23.78
17 33W 14ACB	TO	128.05	-2.25		-35.05		-1.30	85.95	121.00	-28.97
17 33W 16ABC	TO	137.00	-1.42	-15.72	-36.00	-1.43	-1.33	51.00	87.00	-41.38
17 33W 28CDA	TO	125.86	-7.53	-25.87	-41.86	-2.35	-1.55	64.14	106.00	-39.49

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
SCOTT COUNTY CONTINUED										
17 34W 6BCB	TO	135.22	-1.07	-16.67	-27.22	-1.52	-1.01	58.78	86.00	-31.65
17 34W 16ACB	TO	122.31	-2.15	-10.18	-15.31	-0.93	-0.57	71.69	87.00	-17.60
17 34W 25DRB	TO	130.60	-4.99	-16.02	-27.60	-1.46	-1.02	58.40	86.00	-32.09
17 34W 27ABA	TO	118.88			-16.88		-0.63	69.12	86.00	-19.63
17 34W 28CCB	TO	123.79	-2.94	-16.02	-25.79	-1.46	-0.96	60.21	86.00	-29.99
18 31W 20ABA	TO	82.04	-3.53		-1.04		-0.04	53.96	55.00	-1.89
18 31W 24BCB	TO	75.18	-2.71							
18 31W 27ABA	TO	70.00						35.00		
18 32W 14BBB	TO	109.86	3.49	-11.39	-24.86	-1.04	-0.92	65.14	90.00	-27.62
18 32W 17ABA	TO	99.87	-3.60	-21.80	-37.87	-1.98	-1.40	40.13	78.00	-48.55
18 32W 20CBB	TO	83.50	-2.71	-24.39	-40.50	-2.22	-1.50	95.50	136.00	-29.78
18 33W 3CCB	TO	114.16	0.50	-31.01	-43.16	-2.82	-1.60	67.84	111.00	-38.88
18 33W 5CCC	TO	102.92	-10.84	-18.16	-27.92	-1.65	-1.03	16.08	44.00	-63.45
18 33W 11ABB	TO	102.93			-47.93		-1.78	96.07	144.00	-33.28
18 33W 20CCD	TO	97.54	-1.22	-8.79	-28.54	-0.80	-1.06	19.46	48.00	-59.46
18 33W 26DAD2	QA, TO	67.80	-3.29	-20.80	-37.80	-1.89	-1.40	100.20	138.00	-27.39
18 33W 34BDA	TO								96.00	
18 33W 35AAA	QA, TO	54.75	-2.83	-24.71	-37.75	-2.25	-1.40	89.25	127.00	-29.72
18 34W 1CBB	TO	115.85	4.04	-8.33	-19.85	-0.76	-0.74	50.15	70.00	-28.36
18 34W 5CBB	TO	108.75			-20.75		-0.77	59.25	80.00	-25.94
18 34W 9CDD2	TO	105.05	-2.55		-15.05		-0.56	57.95	73.00	-20.62
18 34W 18BBB	TO	106.60		-13.80	-27.60	-1.25	-1.02	33.40	61.00	-45.25
18 34W 25BRD	TO	114.86	-8.07	-19.01	-24.86	-1.73	-0.92	17.14	42.00	-59.19
18 34W 30DDC	TO								62.00	
18 34W 34BBC	TO								70.00	
19 31W 20BAD	KN	77.38	4.94							
19 32W 6CCB	QA, TO	52.96	-3.36		-31.96		-1.18	146.04	178.00	-17.96
19 32W 32ACB		83.19	-3.09		-14.19		-0.53	120.81	135.00	-10.51
19 33W 6DRB	TO	66.91	-0.31		-7.91		-0.29	50.09	58.00	-13.64
19 33W 12DDC	QA, TO	45.83	-1.35	-16.27	-20.83	-1.48	-0.77	154.17	175.00	-11.90
19 33W 15DRD	TO	101.41		-30.51	-45.41	-2.77	-1.68	30.59	76.00	-59.75
19 33W 21AAD	TO	105.22			-48.22		-1.79	18.78	67.00	-71.97
19 33W 24ABB	QA, TO	58.53	0.65	-11.37	-22.53	-1.03	-0.83	160.47	183.00	-12.31
19 33W 25DCD	QA, TO	81.32	-0.99	-21.62	-39.32	-1.97	-1.46	132.68	172.00	-22.86
19 33W 29CBB2	QA, TO	125.68	-7.58	-24.68	-49.68	-2.24	-1.84	48.32	98.00	-50.69

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
SCOTT COUNTY CONTINUED										
19 33W 34DCC	QA,TO	94.00	-1.67	-14.60	-44.00	-1.33	-1.63	68.00	112.00	-39.29
19 34W 16AAD	TO	55.17	-0.90		-5.17		-0.19	24.83	30.00	-17.23
19 34W 34BBB	TO								24.00	
20 31W 14CBC	QA,TO	27.06						62.94		
20 32W 7CBA	QA,TO	74.80	-4.99		-41.80		-1.55	129.20	171.00	-24.44
20 32W 16DAD	TO								98.00	
20 32W 21BRC	TO								113.00	
20 32W 30BCD	TO	74.07			-49.07		-1.82	112.93	162.00	-30.29
20 32W 32DCC	QA,TO	78.52	-9.92	-29.49	-41.52	-2.68	-1.54	96.48	138.00	-30.09
20 33W 2DBB	QA,TO	94.46	-2.12	-17.85	-44.46	-1.62	-1.65	60.54	105.00	-42.34
20 33W 5BAB	TO	112.50			-45.50		-1.69	12.50	58.00	-78.45
20 33W 9BBB	TO	93.81	-2.03	-9.30	-33.81	-0.85	-1.25	34.19	68.00	-49.72
20 33W 10DBC	QA,TO	105.64	0.22		-55.64		-2.06	71.36	127.00	-43.81
20 33W 17BAB	TO	109.18	-2.59	-24.33	-47.18	-2.21	-1.75	22.82	70.00	-67.40
20 33W 21ABD	QA,TO	110.89		-59.90	-62.89	-5.45	-2.33	36.11	99.00	-63.53
20 33W 26CBB3	TO	93.95			-50.95		-1.89	59.05	110.00	-46.32
20 33W 35DBA	QA,TO	85.01	-9.45	-31.72	-45.01	-2.88	-1.67	61.99	107.00	-42.07
20 34W 2DBC	TO	80.03	-0.75	-5.73	-10.03	-0.52	-0.37	28.97	39.00	-25.72
20 34W 15BAA	TO	102.49						35.51		
20 34W 36CCD	TO	80.31	1.92		-27.31		-1.01	26.69	54.00	-50.57

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
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SCOTT COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	163.17	-10.84	-59.90	-62.89	-5.45	-2.33	160.47	183.00	-78.45
MINIMUM	9.69	-0.31	-0.73	-1.04	-0.07	-0.04	12.50	24.00	-1.89
RANGE	153.48	10.53	59.17	61.85	5.38	2.29	147.97	159.00	76.56
MEAN	105.33	-3.16	-18.24	-29.54	-1.66	-1.09	60.84	88.88	-34.41
NUMBER	79	48	47	74	47	74	77	85	74

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
WALLACE COUNTY										
13 43W 36ABB	TO	168.49	-3.21	-19.41	-19.49	-1.76	-0.72	101.51	121.00	-16.11
14 38W 21DCC	TO	81.38	1.07	-1.23	0.62	-0.11	0.02	12.62	12.00	5.17
14 38W 29CCC	TO	91.60	-1.00		-8.60		-0.32	59.40	68.00	-12.65
14 39W 36BCB	TO	135.54	-1.44	-18.34	-31.54	-1.67	-1.17	51.46	83.00	-38.00
14 40W 16CBC	TO								68.00	
14 40W 23ADD	TO	149.28	6.87	-24.78	-31.28	-2.25	-1.16	70.72	102.00	-30.67
14 40W 29ABA	TO	156.69	0.19		-19.69		-0.73	73.31	93.00	-21.17
14 41W 18DCB	TO	134.30			-28.30		-1.05	252.70	281.00	-10.07
14 41W 22BBB	TO	110.23	-2.18	-24.10	-26.23	-2.19	-0.97	107.77	134.00	-19.57
14 41W 28DCA	TO	147.39	-4.66		-35.39		-1.31	266.61	302.00	-11.72
14 41W 30DDC	TO	171.82			-40.82		-1.51	96.18	137.00	-29.80
14 42W 2AAB	TO	168.12	-5.07	-17.22	-25.12	-1.57	-0.93	231.88	257.00	-9.77
14 42W 10BBA	TO	164.04			-31.04		-1.15	238.96	270.00	-11.50
14 42W 14DBD	TO	132.07	2.13	-14.62	-31.07	-1.33	-1.15	267.93	299.00	-10.39
14 42W 22BDD	TO	161.22	-3.22		-28.22		-1.05	270.78	299.00	-9.44
14 42W 30BCA	TO	185.16	-9.26	-25.56	-30.16	-2.32	-1.12	200.84	231.00	-13.06
15 38W 5CCB	TO	100.75			-24.75		-0.92	43.25	68.00	-36.40
15 38W 78RB	TO	128.34	5.31	-22.40	-38.34	-2.04	-1.42	49.66	88.00	-43.57
15 38W 14CCD	TO	99.22	2.18	-18.09	-29.22	-1.64	-1.08	50.78	80.00	-36.53
15 38W 18CCC	TO	138.17			-48.17		-1.78	37.83	86.00	-56.01
15 38W 21CBC	TO	126.77	8.73	-24.22	-41.77	-2.20	-1.55	53.23	95.00	-43.97
15 38W 28DBB	TO	138.93	-4.63	-32.62	-56.93	-2.97	-2.11	63.07	120.00	-47.44
15 38W 30CCB	TO	138.63	-3.83	-29.90	-53.63	-2.72	-1.99	93.37	147.00	-36.48
15 38W 36CBB	TO	109.85	-1.70	-28.99	-33.85	-2.64	-1.25	43.15	77.00	-43.96
15 39W 2BCD	TO	152.69	-2.64	-27.61	-43.69	-2.51	-1.62	42.31	86.00	-50.80
15 39W 6CBA	TO	146.81	2.19	-28.01	-40.81	-2.55	-1.51	76.19	117.00	-34.88
15 39W 8ACC	TO	158.16	-4.26	-28.22	-45.16	-2.57	-1.67	63.84	109.00	-41.43
15 39W 15DBA	TO	153.56	3.84		-43.56		-1.61	51.44	95.00	-45.85
15 39W 26ACC	TO	136.80	-2.70	-25.23	-46.80	-2.29	-1.73	102.20	149.00	-31.41
15 39W 28BBD	TO	101.87	-1.97	-25.62	-36.87	-2.33	-1.37	98.13	135.00	-27.31
15 40W 3BAB	TO	108.79	2.71	-23.73	-22.79	-2.16	-0.84	145.21	168.00	-13.57
15 40W 78BB	TO	141.28	-5.43	-24.58	-24.28	-2.23	-0.90	118.72	143.00	-16.98
15 40W 9DCB	TO	116.60	-3.15	-25.80	-31.60	-2.35	-1.17	144.40	176.00	-17.95
15 40W 13BAA	TO	138.79	0.01	-26.84	-34.79	-2.44	-1.29	103.21	138.00	-25.21
15 40W 14CCC	TO	111.88			-30.88		-1.34	146.12	177.00	-17.45

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TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
WALLACE COUNTY CONTINUED										
15 40W 20BBD	TO	122.25			-28.25		-1.05	148.75	177.00	-15.96
15 40W 26CAB	TO	122.84	-2.79	-20.79	-22.84	-1.89	-0.85	122.16	145.00	-15.75
15 40W 30DRB	TO								156.00	
15 41W 5ACB	TO	173.85	-4.97	-26.65	-37.85	-2.42	-1.40	61.15	99.00	-38.23
15 41W 10BAB	TO	188.91	-4.36	-25.12	-31.91	-2.28	-1.18	75.09	107.00	-29.82
15 41W 27CBC	TO	176.78	-1.28		-31.78		-1.18	88.22	120.00	-26.48
15 41W 29CAC	TO	202.73			-42.73		-1.58	27.27	70.00	-61.04
15 41W 36DDB	TO	134.35	-3.85	-21.18	-30.35	-1.93	-1.12	130.65	161.00	-18.85
15 42W 2BRB	TO	193.53	-7.93	-26.58	-34.53	-2.42	-1.28	31.47	66.00	-52.32
15 42W 9BDD	TO	200.43	-2.73	-13.83	-18.43	-1.26	-0.68			
15 42W 16ADC	TO								10.00	
15 42W 32BDA	TO	243.19	3.66	-9.29	-27.19	-0.84	-1.01	27.81	55.00	-49.44
15 42W 36CDC	TO	239.26	-2.26	-25.08	-45.26	-2.28	-1.68	30.74	76.00	-59.55

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
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WALLACE COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	243.19	-9.26	-32.62	-56.93	-2.97	-2.11	270.78	302.00	-61.04
MINIMUM	81.38	-1.00	-1.23	-8.60	-0.11	-0.32	12.62	10.00	-9.44
RANGE	161.81	8.26	31.39	48.33	2.85	1.79	258.16	292.00	51.60
MEAN	146.74	-3.62	-22.76	-33.32	-2.07	-1.23	103.91	133.04	-29.73
NUMBER	45	25	31	44	31	44	44	47	43

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
WICHITA COUNTY										
16 35W 1DCD	TO	86.40	-1.16	-6.80	-8.40	-0.62	-0.31	22.60	31.00	-27.10
16 35W 6AAB	TO	83.01		-1.47	-12.01	-0.13	-0.44	34.99	47.00	-25.55
16 35W 13CCC	TO	148.94	-4.28	-22.34	-30.94	-2.03	-1.15	21.06	52.00	-59.50
16 35W 20CCC	TO	154.19	-4.99	-29.51	-51.19	-2.68	-1.90	34.81	86.00	-59.52
16 35W 27BBC	TO	153.35	-7.13	-31.35	-46.35	-2.85	-1.72	12.65	59.00	-78.56
16 35W 31DBA	TO	139.93	-3.44	-25.33	-42.93	-2.30	-1.59	52.07	95.00	-45.19
16 36W 3DCC	TO	120.31	-3.62		-33.31		-1.23	17.69	51.00	-65.31
16 36W 7BCB	TO	107.10	-3.64	-15.30	-27.10	-1.39	-1.00	32.90	60.00	-45.17
16 36W 14CCD	TO	136.94	-7.33	-22.19	-48.94	-2.02	-1.81	67.06	116.00	-42.19
16 36W 17ABC	TO	127.74	-3.21	-29.24	-44.74	-2.66	-1.66	29.26	74.00	-60.46
16 36W 21CCC	TO	138.89	-3.54	-38.99	-54.89	-3.54	-2.03	66.11	121.00	-45.36
16 36W 25BBB	TO	145.06	-5.57	-24.48	-50.06	-2.23	-1.85	56.94	107.00	-46.79
16 36W 30CBC	TO	142.40	-3.91	-33.10	-55.40	-3.01	-2.05	75.60	131.00	-42.29
16 36W 34CCC	TO	125.20	-4.04	-22.90	-35.20	-2.08	-1.30	61.80	97.00	-36.29
16 36W 35CCC	TO	128.75	-3.85	-22.55	-33.75	-2.05	-1.25	72.25	106.00	-31.84
16 36W 36CBC	TO	124.75	-1.81	-19.30	-33.75	-1.75	-1.25	75.25	109.00	-30.96
16 37W 4DCC	TO	117.40			-37.40		-1.39	31.60	69.00	-54.20
16 37W 13BBB	TO	121.02	-3.32	-28.32	-43.02	-2.57	-1.59	29.98	73.00	-58.93
16 37W 15CCC	TO	139.84	-5.82	-33.14	-56.84	-3.01	-2.11	64.16	121.00	-46.98
16 37W 17BBB	TO	133.85		-32.85	-47.85	-2.99	-1.77	60.15	108.00	-44.31
16 37W 27ABC	TO	142.76	-3.62	-30.86	-54.76	-2.81	-2.03	67.24	122.00	-44.89
16 37W 29BBB	TO	143.60	-5.79	-39.80	-57.60	-3.62	-2.13	75.40	133.00	-43.31
16 37W 30ACB	TO	144.68	-4.93	-32.48	-56.68	-2.95	-2.10	55.32	112.00	-50.61
16 38W 5BBB	TO	140.75	-4.16	-36.75	-53.75	-3.34	-1.99	81.25	135.00	-39.81
16 38W 10ABB	TO	133.70	-3.07	-37.34	-50.70	-3.39	-1.88	74.30	125.00	-40.56
16 38W 16ACC	TO	125.53	-2.20	-36.31	-52.53	-3.30	-1.95	88.47	141.00	-37.26
16 38W 19BRA	TO	115.15			-35.15		-1.30	64.85	100.00	-35.15
16 38W 26BBB	TO	140.75	-14.32	-28.73	-65.75	-2.61	-2.44	56.25	122.00	-53.89
16 38W 29ADB	TO	123.10	-3.32	-30.83	-43.10	-2.80	-1.60	56.90	100.00	-43.10
17 35W 2BBB	TO	144.57			-35.57		-1.32	44.43	80.00	-44.46
17 35W 15CDC	TO	125.65	4.85	-15.65	-27.65	-1.42	-1.02	78.35	106.00	-26.08
17 35W 18ACB	TO	134.36	-5.59	-23.56	-37.36	-2.14	-1.38	60.64	98.00	-38.12
17 35W 27CCC	TO	140.99	-1.03	-31.39	-49.99	-2.85	-1.85	69.01	119.00	-42.01
17 35W 30CBB	TO	154.44	-3.70	-27.84	-60.44	-2.53	-2.24	63.56	124.00	-48.74
17 36W 5CCD	TO	141.43	-6.80	-29.28	-46.43	-2.66	-1.72	45.57	92.00	-50.47

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
WICHITA COUNTY CONTINUED										
17 36W 10CBB	QA, TO	48.52	-1.25		-19.52		-0.72	48.48	68.00	-28.71
17 36W 20DDDB	TO	80.27	-3.88	-23.47	-32.27	-2.13	-1.20	63.73	96.00	-33.61
17 36W 23BCC	TO	153.10	-5.86	-27.75	-53.10	-2.52	-1.97	74.90	128.00	-41.48
17 36W 33BCB	TO	137.17	-2.54	-23.87	-39.17	-2.17	-1.45	70.83	110.00	-35.61
17 36W 36BBB	TO	152.76	-5.67	-27.66	-58.76	-2.51	-2.18	63.24	122.00	-48.16
17 37W 3AAB	TO	130.99	-4.38	-26.96	-41.99	-2.45	-1.56	53.01	95.00	-44.20
17 37W 8BAA	TO	121.12	-3.04	-19.92	-37.12	-1.81	-1.37	74.88	112.00	-33.14
17 37W 13CDD	TO	97.50	-3.95		-27.50		-1.02	77.50	105.00	-26.19
17 37W 22CCC	TO	125.28	1.31	-20.89	-33.28	-1.90	-1.23	69.72	103.00	-32.31
17 37W 28CCC	TO	126.11	-3.45	-27.71	-41.11	-2.52	-1.52	63.89	105.00	-39.15
17 38W 1BAA	TO	122.05	-1.77	-13.63	-37.05	-1.24	-1.37	62.95	100.00	-37.05
17 38W 6BDD	TO	100.80		-13.47	-14.80	-1.22	-0.55	44.20	59.00	-25.08
17 38W 10AAB	TO	113.23	-2.77		-30.23		-1.12	96.77	127.00	-23.80
17 38W 12DCB	TO	45.50	-1.58	-19.41	-24.50	-1.76	-0.91	78.50	103.00	-23.79
17 38W 21BBB	TO	119.30	-3.54	-18.92	-19.30	-1.72	-0.71	45.70	65.00	-29.69
17 38W 24ACC	TO								124.00	
17 38W 27ACD	TO	130.90	-7.42		-35.90		-1.33	43.10	79.00	-45.44
17 38W 28CCC	TO	136.72	-4.11	-23.09	-31.72	-2.10	-1.17	53.28	85.00	-37.32
18 35W 2ACC	TO								82.00	
18 35W 8BRC2	TO	137.73	-10.13		-55.73		-2.06	48.27	104.00	-53.59
18 35W 14DCD	TO	114.81	-7.48	-23.69	-34.81	-2.15	-1.29	7.19	42.00	-82.88
18 35W 17DAA	TO	126.52	1.12		-40.52		-1.50	21.48	62.00	-65.35
18 35W 34ABB	TO	120.10		-22.20	-35.10	-2.02	-1.30	22.90	58.00	-60.52
18 36W 2DCB	TO	123.11	-1.10	-19.14	-33.11	-1.74	-1.23	74.89	108.00	-30.66
18 36W 9BBB	TO	126.78	-2.94	-25.74	-45.78	-2.34	-1.70	68.22	114.00	-40.16
18 36W 15DAD	TO	83.30	-3.98		-23.30		-0.86	81.70	105.00	-22.19
18 36W 18DDC	TO	123.24	-3.17	-33.22	-41.24	-3.02	-1.53	50.76	92.00	-44.83
18 36W 29ABB	TO	119.64		-27.32	-34.64	-2.48	-1.28	51.36	86.00	-40.28
18 36W 36CCC	TO	75.76	-0.28	-6.16	-5.76	-0.56	-0.21	44.24	50.00	-11.52
18 37W 1BBB	TO	132.85	-3.85	-24.44	-52.85	-2.22	-1.96	41.15	94.00	-56.22
18 37W 3CCC	TO	140.93	-4.86		-50.93		-1.89	60.07	111.00	-45.88
18 37W 5CRB	TO	146.90	-8.71		-57.90		-2.14	49.10	107.00	-54.11
18 37W 14BRB	TO	134.60			-61.60		-2.28	55.40	117.00	-52.65
18 37W 19AAD	TO	146.27	-9.68	-37.72	-60.27	-3.43	-2.23	20.73	81.00	-74.41
18 37W 21BBB	TO	154.33	-7.78	-40.68	-69.33	-3.70	-2.57	20.67	90.00	-77.03

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TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1950-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1950-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1950 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1950-77
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WICHITA COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	154.44	-14.32	-40.68	-69.33	-3.70	-2.57	96.77	141.00	-82.88
MINIMUM	36.17	-0.28	-1.47	-4.15	-0.13	-0.15	7.12	14.00	-8.14
RANGE	118.27	14.04	39.21	65.18	3.56	2.41	89.65	127.00	74.74
MEAN	121.43	-4.22	-24.55	-37.34	-2.23	-1.38	51.72	88.78	-42.25
NUMBER	89	74	63	86	63	86	88	91	85

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

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
FINNEY COUNTY										
21 29W 36CCB	QA	21.35	-1.25	-3.60	-4.35	-0.33	-0.12	1.65	6.00	-72.50
21 30W 58BB	QU,TO	37.68	-0.68	-9.06	-2.68	-0.82	-0.07	40.32	43.00	-6.23
21 31W 8ABB	QU,TO	47.37	-1.74	1.19	7.63	0.11	0.21	25.63	18.00	42.39
21 32W 8ABD	QU	81.80	-11.77	-40.47	-45.80	-3.68	-1.24	68.20	114.00	-40.18
21 32W 20CBD	QU,TO	73.10	-2.22	-27.99	-42.10	-2.54	-1.14	126.90	169.00	-24.91
21 32W 26DAA	QU,TO	105.34	-5.73	-6.46	-9.34	-0.59	-0.25	65.66	75.00	-12.45
21 33W 2ACB	QU	68.76	-4.25	-29.50	-41.76	-2.68	-1.13	92.24	134.00	-31.16
21 33W 7DDA	QU	66.62	-5.20	-18.32	-33.62	-1.67	-0.91	28.38	62.00	-54.23
21 33W 31CBB2	QU,TO	76.30		-43.97	-46.30	-4.00	-1.25	23.70	70.00	-66.14
21 34W 14DBB	KN	104.85	-12.05	-35.83		-3.26				
21 34W 16AAD2	QU,TO	97.70	9.32	-2.34	-17.70	-0.21	-0.48	22.30	40.00	-44.25
22 27W 14ADC	KJ	176.86	-3.36							
22 31W 12CDC2	QU,TO	89.50	2.25	-4.15	-6.50	-0.38	-0.18	45.50	52.00	-12.50
22 31W 16ADD	QU,TO	98.32	-3.46	-12.79	-14.32	-1.16	-0.39	82.68	97.00	-14.76
22 31W 35ARB	QU,TO	93.49	1.53	-13.05	-21.49	-1.19	-0.58	55.51	77.00	-27.91
22 32W 8ACB	QU,TO	65.88	-6.47	-25.88	-32.88	-2.35	-0.89	158.12	191.00	-17.21
22 32W 21CCD	QU,TO	99.60	-9.89	-33.13	-41.60	-3.01	-1.12	98.40	140.00	-29.71
22 33W 30BC	QU,TO	79.34	-9.72	-46.29	-46.34	-4.21	-1.25	118.66	165.00	-28.08
22 33W 17ACC	KN	73.44	-6.92							
22 33W 17DCD2	QU,TO	100.05	-9.84	-57.75	-67.05	-5.25	-1.81	40.95	108.00	-62.08
22 33W 22BAA	QU,TO	79.90	0.85	-32.72	-39.90	-2.97	-1.08	110.10	150.00	-26.60
22 33W 32CRC	QU,TO	143.35	-22.64	-60.85	-90.35	-5.53	-2.44	119.65	210.00	-43.02
22 33W 36AAA2	QU,TO	62.37	-17.24	-40.79	-48.37	-3.71	-1.31	137.63	186.00	-26.01
22 34W 8BCB	KN	147.40		-38.50		-3.50				
22 34W 10AAA	QU,TO	103.00	-7.51	-43.76	-60.00	-3.98	-1.62	50.00	110.00	-54.55
22 34W 26ADD	QU,TO	126.80	-17.20	-55.19	-83.80	-5.02	-2.26	76.20	160.00	-52.38
22 34W 32BCB	QU,TO	147.70	-13.35	-53.59	-79.70	-4.87	-2.15	87.30	167.00	-47.72
23 27W 12CCC	QU,TO	61.80	0.10	0.72	-2.80	0.07	-0.08	10.20	13.00	-21.54
23 27W 22DAB	QU,TO									
23 28W 22DCD	QU,TO	83.60	-8.70							
23 28W 34DDC	QU,TO	88.75	-12.15							
23 29W 30BBB	QU,TO	76.76	-0.76							
23 29W 34CDD	TO	87.16	-3.80	-3.16	-3.16	-0.29	-0.09	59.84	63.00	-5.02
23 30W 4CAC	QU,TO									
23 30W 19CCB	QU,TO	83.17	-0.72	-0.97	5.83	-0.09	0.16	58.83	53.00	11.00

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TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
FINNEY COUNTY CONTINUED										
23 31W 3DCC	QU,TO	98.64	-3.56	-15.61	-26.64	-1.42	-0.72	68.36	95.00	-28.04
23 31W 35CCC	QU,TO	107.49	-3.88	-10.73	-12.49	-0.98	-0.34	92.51	105.00	-11.90
23 32W 11ADC	QU,TO	137.08	-4.57	-14.33	-20.08	-1.30	-0.54	104.92	125.00	-16.06
23 32W 18BCD	QU,TO	104.10	-34.41	-57.96	-69.10	-5.27	-1.87	185.90	255.00	-27.10
23 32W 19CB	QU,TO	110.90	-39.10	-66.15	-74.90	-6.01	-2.02	225.10	300.00	-24.97
23 32W 22DAB	QU,TO	136.00		-26.89	-36.00	-2.44	-0.97	137.00	173.00	-20.81
23 32W 31CA	QU,TO	94.40		-45.00	-53.40	-4.09	-1.44	229.60	283.00	-18.87
23 32W 35DBA	QU,TO	141.80	-11.37	-25.40	-37.80	-2.31	-1.02	149.20	187.00	-20.21
23 33W 10DCC	QU,TO	116.80	-45.34	-79.20	-91.80	-7.20	-2.48	188.20	280.00	-32.79
23 33W 17BRB	QU,TO	141.48	-21.91	-81.14	-115.48	-7.38	-3.12	198.52	314.00	-36.78
23 33W 26ABB	QU,TO	131.10	-55.83	-80.70	-89.10	-7.34	-2.41	195.90	285.00	-31.26
23 33W 28CDC	QU,TO	122.27	-23.80	-61.02	-76.27	-5.55	-2.06	216.73	293.00	-26.03
23 33W 32ABB	QU,TO	107.81	-13.33	-42.47	-58.81	-3.86	-1.59	242.19	301.00	-19.54
23 34W 1DCD	QU,TO	159.80	-25.77	-78.10	-113.80	-7.10	-3.08	174.20	288.00	-39.51
23 34W 3BCB	QU,TO	139.55	-14.10	-63.55	-89.55	-5.78	-2.42	163.45	253.00	-35.40
23 34W 9DBB	QU,TO	126.85	-23.89	-62.47	-86.85	-5.68	-2.35	206.15	293.00	-29.64
23 34W 14BDC	QU,TO	144.20	-28.33	-81.10	-105.20	-7.37	-2.84	185.80	291.00	-36.15
23 34W 17CCC	QU,TO	128.97	-26.96	-58.90	-82.97	-5.35	-2.24	220.03	303.00	-27.38
23 34W 21DDC	QU,TO	130.10		-58.46	-89.10	-5.31	-2.41	225.90	315.00	-28.29
23 34W 26CCC	QU,TO	122.57	-20.49	-49.27	-68.57	-4.48	-1.85	221.43	290.00	-23.64
23 34W 28CDA	QU,TO	122.67		-51.72	-76.67	-4.70	-2.07	241.33	318.00	-24.11
24 31W 11DBD	QU,TO	126.18	-0.24	-10.89	-12.18	-0.99	-0.33	114.82	127.00	-9.59
24 31W 27CCB	QU,TO								181.00	
24 31W 31BCD	QA	14.04		-4.89	-4.04	-0.44	-0.11	219.96	224.00	-1.80
24 32W 3DAC	QU,TO	94.34	-2.85	-13.40	-24.34	-1.22	-0.66	204.66	229.00	-10.63
24 32W 5BCB	QU,TO								268.00	
24 32W 25CRB2	QA	14.49	-2.41		-5.49		-0.15	215.51	221.00	-2.48
24 32W 29AC	QA	46.66	-3.51	-17.77	-11.66	-1.62	-0.32	248.34	260.00	-4.48
24 32W 35DD	QU,TO	35.15	-2.05	-7.86	-14.15	-0.71	-0.38	220.85	235.00	-6.02
24 33W 9AAA2	QA								309.00	
24 33W 14BCB	QU,TO	27.80								
24 33W 21CAB	QU,TO	90.65	-2.09		-30.65		-0.83	324.35	355.00	-8.63
24 33W 22DCA	QU,TO	90.84	-1.25		-19.84		-0.54	314.16	334.00	-5.94
24 33W 23BCA	QA	27.94	-4.36	-17.37	-11.94	-1.58	-0.32	319.06	331.00	-3.61
24 33W 28DAA	QU,TO	76.87	-4.15		-42.87		-1.16	309.13	352.00	-12.18

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
FINNEY COUNTY CONTINUED										
24 33W 34CAC	QU,TO	101.44	-1.32		-41.44		-1.12	333.56	375.00	-11.05
24 34W 1BCB	QU,TO	48.07		-23.33	-36.07	-2.12	-0.97	267.93	304.00	-11.87
24 34W 5AAB	QU,TO	87.50		-29.80	-32.50	-2.71	-0.88	277.50	310.00	-10.48
25 31W 8BBA	QA	9.80	-1.16	-3.80	-3.80	-0.35	-0.10	192.20	196.00	-1.94
25 31W 11CBC	QA,QU	21.88	-0.81		-0.88		-0.02	158.12	159.00	-0.55
25 31W 19CRD	QA	73.13	-1.55	-7.94	-2.13	-0.72	-0.06	221.87	224.00	-0.95
25 31W 21CAB	QU	26.73	-2.28	-6.25	0.27	-0.57	0.01	201.27	201.00	0.13
25 31W 35DBA	QU	59.91	-4.44	-9.92	-7.91	-0.90	-0.21	196.09	204.00	-3.88
25 32W 22DRD	QU,TO	75.90	-3.59	-13.90	-10.90	-1.26	-0.29	297.10	308.00	-3.54
25 32W 31DD	QU,TO	83.51	-2.73	-21.65	-19.51	-1.97	-0.53	421.49	441.00	-4.42
25 32W 35ADB	QU,TO	77.68	0.59	-9.68	-10.68	-0.88	-0.29	339.32	350.00	-3.05
25 33W 5ABD	QU,TO	87.84	-3.36		-35.84		-0.97	422.16	458.00	-7.83
25 33W 9ABD	QU,TO	91.25	-4.79		-41.25		-1.11	422.75	464.00	-8.89
25 33W 15DAC	QU,TO	109.64	-2.80		-38.64		-1.04	425.36	464.00	-8.33
25 33W 17DBD	QU,TO	107.29	-1.40		-29.29		-0.79	422.71	452.00	-6.48
25 33W 21CAC	QU,TO	98.31	-3.01	-19.31	-18.31	-1.76	-0.49	436.69	455.00	-4.02
25 33W 35DBD	QU,TO	83.03	-1.94		-20.03		-0.54	390.97	411.00	-4.87
25 34W 6AAA	QU,TO	77.79			-25.79		-0.70	319.21	345.00	-7.48
25 34W 6AB	QU	75.72		-22.35	-22.72	-2.03	-0.61	314.28	337.00	-6.74
25 34W 10BBB	QU,TO	74.82			-12.82		-0.35	337.18	350.00	-3.66
25 34W 17BDB	QU	98.68	-6.29		-37.68		-1.02	376.32	414.00	-9.10
25 34W 25ABC	QU	109.14	-2.79		-24.14		-0.65	400.86	425.00	-5.68
25 34W 34DBD	QU,TO	83.28	-2.28	-13.28	-18.28	-1.21	-0.49	356.72	375.00	-4.87
26 31W 1DD	QU,TO	84.14	-2.11	-10.08	-9.14	-0.92	-0.25	216.86	226.00	-4.04
26 31W 6BBC	QU,TO	67.51	-1.89	-11.91	-12.51	-1.08	-0.34	259.49	272.00	-4.60
26 31W 31CDC	QU,TO	107.72	-3.31	-21.53	-24.72	-1.96	-0.67	388.28	413.00	-5.99
26 31W 36CAC	QU,TO	98.20	-3.71	-17.85	-16.20	-1.62	-0.44	233.80	250.00	-6.48
26 32W 22ABB	QU,TO	140.62	-6.83	-24.98	-27.62	-2.27	-0.75	423.38	451.00	-6.12
26 32W 35CDA	QU,TO	111.22	-2.35	-18.74	-19.22	-1.70	-0.52	412.78	432.00	-4.45
26 33W 3DRB	QU,TO	73.88	-5.03	-16.99	-17.88	-1.54	-0.48	352.12	370.00	-4.83
26 33W 12CAD	QU,TO	84.47	-2.14	-13.37	-15.47	-1.22	-0.42	386.53	402.00	-3.85
26 33W 26ABB	QU,TO	135.60	0.93	-17.28	-22.60	-1.57	-0.61	418.40	441.00	-5.12
26 34W 30BD	QU	141.23	-0.88	-8.59	-26.23	-0.78	-0.71	313.77	340.00	-7.71

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
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FINNEY COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	176.86	-55.83	-81.14	-115.48	-7.38	-3.12	436.69	464.00	-72.50
MINIMUM	9.80	-0.24	-0.97	-0.88	-0.09	-0.02	1.65	6.00	-0.55
RANGE	167.06	55.59	80.17	114.60	7.29	3.10	435.04	458.00	71.95
MEAN	92.10	-8.88	-30.20	-36.96	-2.75	-1.00	212.28	248.01	-18.71
NUMBER	98	78	75	87	75	87	90	93	87

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
GRANT COUNTY										
27 35W 17ADD	QU,TO	208.50	-4.60	-22.77	-33.50	-2.07	-0.91	253.50	287.00	-11.67
27 36W 18DCB	QU,TO	158.96	-10.86	-42.46	-54.96	-3.86	-1.49	236.04	291.00	-18.89
27 36W 25CC	QU,TO	272.12	-5.67	-18.47	-56.12	-1.68	-1.52	165.88	222.00	-25.28
27 37W 4ABB	QU,TO	140.14	-10.32	-53.69	-70.14	-4.88	-1.90	175.86	246.00	-28.51
27 37W 4DA	QU								243.00	
27 37W 11ABA	QU,TO	169.53	-5.72	-38.04	-62.53	-3.46	-1.69	198.47	261.00	-23.96
27 37W 22BBB	QU,TO,KJ	146.90	-5.97	-57.97		-5.27				
27 37W 29CBB	QU,TO	181.07	-10.39	-96.62	-131.07	-8.78	-3.54	137.93	269.00	-48.72
27 38W 12ADC	QU,TO	164.87	-16.01	-99.37	-130.87	-9.03	-3.54	115.13	246.00	-53.20
27 38W 15BBB	KJ	176.39	-9.46	-43.47		-3.95				
27 38W 22CBB	QU,TO	201.74	-25.34	-124.94	-152.74	-11.36	-4.13	138.26	291.00	-52.49
27 38W 23CB	QU,TO	134.51	-2.74	-36.24	-84.51	-3.29	-2.28	200.49	285.00	-29.65
27 38W 25BBB	QU,TO	186.64	-9.60	-91.29	-140.64	-8.30	-3.80	139.36	280.00	-50.23
27 38W 32BCC	QU,TO	151.51	-4.54	-46.33	-101.51	-4.21	-2.74	219.49	321.00	-31.62
28 35W 5BCC	QU,TO	284.20	-6.35	-31.00	-47.20	-2.82	-1.28	172.80	220.00	-21.45
28 35W 15CRB	QU,TO	270.10	-5.10	-19.38	-57.10	-1.76	-1.54	238.90	296.00	-19.29
28 35W 36ABC	QU,TO	277.50	-6.80	-41.09	-55.50	-3.74	-1.50	294.50	350.00	-15.86
28 36W 2CDD2	QU,TO,KJ	267.15	-2.10	-25.55		-2.32				
28 36W 21CDD	QU,TO	241.30	-7.95	-47.45	-83.30	-4.31	-2.25	188.70	272.00	-30.62
28 37W 28BB3	QU,TO,KJ	237.13								
28 37W 10BCD2	QU,TO	168.91	1.38	-68.19	-119.91	-6.20	-3.24	181.09	301.00	-39.84
28 37W 30BBB	QU,TO								362.00	
28 38W 7BBB	QU,TO	202.81	-17.97	-90.35	-146.81	-8.21	-3.97	206.19	353.00	-41.59
28 38W 8BC	QU,TO	214.36	-27.54	-94.06	-164.36	-8.55	-4.44	209.64	374.00	-43.95
28 38W 12BCB	QU,TO	145.41	-0.37	-71.01	-108.41	-6.46	-2.93	214.59	323.00	-33.56
28 38W 12DDD	QU,TO	148.88	-4.16		-108.88		-2.94	216.12	325.00	-33.50
28 38W 17AAA	QU,TO	191.68	-22.03	-73.56	-150.68	-6.69	-4.07	230.32	381.00	-39.55
28 38W 20DCB	QU,TO	211.10	-24.12	-115.10	-161.10	-10.46	-4.35	205.90	367.00	-43.90
28 38W 31DBB	QU,TO	166.41	-16.51	-65.83	-108.41	-5.98	-2.93	251.59	360.00	-30.11
28 38W 33BD3	QU,TO	146.81	-8.47	-51.28	-84.81	-4.66	-2.29	291.19	376.00	-22.56
29 35W 1CCC	QU,TO	266.55	-5.00		-56.55		-1.53	243.45	300.00	-18.85
29 35W 6BAA	QU,TO	220.20	-3.50	-8.29	-31.20	-0.75	-0.84	223.80	255.00	-12.24
29 35W 28ACC	QU,TO	214.83	-0.78	-29.37	-67.83	-2.67	-1.83	335.17	403.00	-16.83
29 36W 4BAA2	QU,TO	234.44	-7.90	-54.07	-91.44	-4.92	-2.47	169.56	261.00	-35.03
29 36W 4BD	QU,TO	247.97	-14.94	-86.97	-114.97	-7.91	-3.11	152.03	267.00	-43.06

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TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
GRANT COUNTY CONTINUED										
29 36W 19BCB	QU,TO	171.70		-53.70	-127.70	-4.88	-3.45	233.30	361.00	-35.37
29 37W 3CD	QU,TO	201.44	-17.34	-68.44	-130.44	-6.22	-3.53	219.56	350.00	-37.27
29 37W 8CRA	QU,TO	189.47	-13.54	-74.95	-143.47	-6.81	-3.88	240.53	384.00	-37.36
29 37W 22AAB	QU,TO	161.92	-8.12	-57.92	-113.92	-5.27	-3.08	297.08	411.00	-27.72
29 37W 29BRD	QU,TO	223.03	-6.74	-75.03	-149.03	-6.82	-4.03	280.97	430.00	-34.66
29 37W 34DCC	QU,TO								360.00	
29 38W 3BAA	QU,TO								405.00	
29 38W 8CCC	QU,TO	159.22	-18.99	-50.22	-85.22	-4.57	-2.30	320.78	406.00	-20.99
29 38W 20CDC	QU,TO,KJ	122.76	-4.94	-41.89		-3.81				
29 38W 22CBB	QU								439.00	
29 38W 35CCD	QU,TO	145.71	-3.94	-30.53	-71.71	-2.78	-1.94	323.29	395.00	-18.15
30 35W 2DBC	QU,TO	277.30	-12.20	-36.77	-52.30	-3.34	-1.41	247.70	300.00	-17.43
30 35W 19BCD	QU,TO	185.55	6.85	-32.24	-51.55	-2.93	-1.39	288.45	340.00	-15.16
30 36W 18BB	QU,TO	182.30	-6.19	-51.88	-84.30	-4.72	-2.28	280.70	365.00	-23.10
30 36W 4ABB	QU,TO,KJ	180.70								
30 36W 6BRC	QU,TO	248.50	-3.70	-56.50	-127.50	-5.14	-3.45	216.50	344.00	-37.06
30 36W 7AAB	QU,TO	221.05	-7.47	-30.30	-107.05	-2.75	-2.89	259.95	367.00	-29.17
30 36W 16DAB	QU,TO	184.25	-9.43	-43.47	-75.25	-3.95	-2.03	247.75	323.00	-23.30
30 36W 25BCB	QA	47.10	-2.99		-32.10		-0.87	293.90	326.00	-9.85
30 36W 32BBC	QU,TO	144.77	-2.20	-22.23	-31.77	-2.02	-0.86	239.23	271.00	-11.72
30 37W 2BAA2	QU,TO	274.11	-10.20	-52.39	-152.11	-4.76	-4.11	232.89	385.00	-39.51
30 37W 3DBA	QU,TO,KJ	263.20	-13.51							
30 37W 6DCC	QU,TO	180.68	-2.36	-37.93	-79.68	-3.45	-2.15	339.32	419.00	-19.02
30 37W 10DCB	QU,TO	211.41	-9.46	-37.47	-100.41	-3.41	-2.71	214.59	315.00	-31.88
30 37W 20CBC	QU	188.74	3.74	-24.10	-74.74	-2.19	-2.02	196.26	271.00	-27.58
30 38W 3DCC	QU,TO	155.45	-3.56	-30.71	-64.45	-2.79	-1.74	296.55	361.00	-17.85
30 38W 13CCC	QU,TO,KJ	181.39	-6.19	-34.66		-3.15				
30 38W 15DBC	QU	149.45	-4.74	-30.70	-60.45	-2.79	-1.63	210.55	271.00	-22.31
30 38W 30ACA	QU,TO	120.24	-1.99	-38.09	-51.24	-3.46	-1.38	256.76	308.00	-16.64

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
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GRANT COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	284.20	-27.54	-124.94	-164.36	-11.36	-4.44	339.32	439.00	-53.20
MINIMUM	47.10	-0.37	-8.29	-31.20	-0.75	-0.84	115.13	220.00	-9.85
RANGE	237.10	27.17	116.65	133.16	10.60	3.60	224.19	219.00	43.35
MEAN	193.59	-8.92	-52.01	-93.01	-4.73	-2.51	230.25	326.70	-28.81
NUMBER	59	53	53	51	53	51	51	56	51

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
GRAY COUNTY										
24 27W 8CCC	QU,TO	71.38	-2.57	-12.21	-5.38	-1.11	-0.15	66.62	72.00	-7.47
24 27W 14ABA	QU,TO	64.89	0.12	1.31	9.11	0.12	0.25	27.11	18.00	50.61
24 28W 10ADD	QU,TO	96.90	-6.49		-4.90		-0.13	103.10	108.00	-4.54
24 28W 31DD	QU,TO	120.10	-8.92	-32.20	-29.10	-2.93	-0.79	143.90	173.00	-16.82
24 28W 36ACA	TO	92.55	-3.21	-9.18	-7.55	-0.83	-0.20	42.45	50.00	-15.10
24 29W 16DCA	QU,TO	109.25	-7.90	-12.97	-11.25	-1.18	-0.30	112.75	124.00	-9.07
24 29W 18CCB	QU,TO	117.68	-4.08	-7.86	-11.68	-0.71	-0.32	102.32	114.00	-10.25
24 30W 18CB	QU,TO	89.18	8.74		-0.18		-0.00	80.82	81.00	-0.22
24 30W 8DCD	QU,TO	127.15	0.81		-13.15		-0.36	110.85	124.00	-10.60
24 30W 15CCC	QU,TO	142.60	-18.39		-28.60		-0.77	105.40	134.00	-21.34
25 27W 33ABB	QU,TO	136.87	-1.72	-5.07	-2.87	-0.46	-0.08	112.13	115.00	-2.50
25 29W 7BCB	QU,TO	137.50	0.18	-8.45	-6.50	-0.77	-0.18	143.50	150.00	-4.33
25 29W 14AB	QU,TO	127.66	-6.78	-20.56	-20.66	-1.87	-0.56	198.34	219.00	-9.43
25 29W 20CBC	QU,TO							161.00		
25 30W 20BCB	QU,TO	11.77	0.68	-1.95	-2.77	-0.18	-0.07	172.23	175.00	-1.58
25 30W 22ACD	QU,TO								163.00	
26 27W 13BRC	QU,TO	9.17		-1.22	-0.17	-0.11	-0.00	155.83	156.00	-0.11
26 27W 18ADC	QU,TO	9.50	-1.39		-3.50		-0.09	192.50	196.00	-1.79
26 27W 27CDD	QU,TO	38.45	-3.32		-5.45		-0.15	183.55	189.00	-2.88
26 28W 10ACB2	QU,TO	25.82	-0.50	-6.92	-9.82	-0.63	-0.27	146.18	156.00	-6.29
26 29W 7CB	QU	94.32	-1.38	-12.23	-5.32	-1.11	-0.14	165.68	171.00	-3.11
26 29W 9DBA	QU,TO	66.99		-11.09	-1.99	-1.01	-0.05	196.01	198.00	-1.01
26 29W 35CCC	QU,TO	78.39	2.72	-6.74	-6.39	-0.61	-0.17	163.61	170.00	-3.76
26 30W 17AD	QU,TO	82.39	0.40	-10.39	-6.39	-0.94	-0.17	236.61	243.00	-2.63
26 30W 24DDD	QU,TO	69.60	-5.49		-15.60		-0.42	183.40	199.00	-7.84
27 27W 7ADC	QU,TO	84.50	-1.39	-10.50	-2.50	-0.95	-0.07	101.50	104.00	-2.40
27 27W 10CDB	QU,TO	131.40	-1.65	-7.93	-0.40	-0.72	-0.01	103.60	104.00	-0.38
27 27W 25CCD	QU,TO	171.00	-1.72	-7.15	-4.00	-0.65	-0.11	57.00	61.00	-6.56
27 28W 5AAA	QU,TO	72.30	-5.11		-6.30		-0.17	155.70	162.00	-3.89
27 28W 30CCA	QU,TO								140.00	
27 29W 9DA	QU,TO	75.04	-2.74	-14.74	-6.04	-1.34	-0.16	204.96	211.00	-2.86
27 30W 8BRB	QU,TO	85.30	-2.95	-18.70	-17.30	-1.70	-0.47	179.70	197.00	-8.78
27 30W 23BB	QU,TO	82.42	-3.50	-18.52	-14.42	-1.68	-0.39	164.58	179.00	-8.06
27 30W 25CCB	QU,TO	121.14	-4.11	-18.09	-11.14	-1.64	-0.30	247.86	259.00	-4.30
27 30W 34CCC	QU,TO	120.95	-4.61	-19.95	-18.95	-1.81	-0.51	283.05	302.00	-6.27

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
GRAY COUNTY CONTINUED										
28 27W 38BB	QU,TO	170.09	-0.65		-4.09		-0.11	89.91	94.00	-4.35
28 28W 20ADD2	QU,TO	152.17	-0.36	-5.92	-7.17	-0.54	-0.19	67.83	75.00	-9.56
28 29W 16ACC	QU,TO	146.99	-5.98	-21.99	-25.99	-2.00	-0.70	152.01	178.00	-14.60
28 30W 6BRA	QU,TO	149.42	-5.54	-25.92	-24.42	-2.36	-0.66	335.58	360.00	-6.78
28 30W 10DDO	QU,TO	146.29	-2.29	-25.39	-31.29	-2.31	-0.85	322.71	354.00	-8.84
28 30W 17BRA	TO	139.15	2.23	-28.73	-29.15	-2.61	-0.79	357.85	387.00	-7.53
28 30W 24BAB	QU,TO	145.62	-6.76	-26.05	-31.62	-2.37	-0.85	283.38	315.00	-10.04
29 27W 30BCC	QU,TO	113.42	-5.25	-10.40	-26.42	-0.95	-0.71	166.58	193.00	-13.69
29 27W 36ABA	QU,TO	73.24	-7.45	-19.24	-28.24	-1.75	-0.76	274.76	303.00	-9.32
29 28W 18CCC	QU,TO	100.89	-3.31		-20.89		-0.56	89.11	110.00	-18.99
29 28W 19DDO	QU,TO	108.59	-0.28	-12.93	-16.59	-1.18	-0.45	183.41	200.00	-8.30
29 28W 28CDC	TO	102.44	-1.85	-11.24	-14.44	-1.02	-0.39	175.56	190.00	-7.60
29 29W 10BBB	TO	109.05	-9.13	-21.25	-24.05	-1.93	-0.65	139.95	164.00	-14.66
29 29W 27BCB	QU,TO	117.26	-5.18	-16.18	-19.26	-1.47	-0.52	376.74	396.00	-4.86
29 30W 58BB	QU,TO	156.09	-4.31	-18.59	-26.09	-1.69	-0.71	309.91	336.00	-7.76
29 30W 12CCC	QU,TO	119.13	-4.01		-21.13		-0.57	358.87	380.00	-5.56
29 30W 22BBC	QU,TO	165.64	-6.58	-21.00	-21.64	-1.91	-0.58	280.36	302.00	-7.17
29 30W 35ACD	QU,TO	169.72	-6.09	-21.87	-23.72	-1.99	-0.64	275.28	299.00	-7.93

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TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
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GRAY COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	171.00	-18.39	-32.20	-31.62	-2.93	-0.85	376.74	396.00	-21.34
MINIMUM	9.17	-0.28	-1.22	-0.17	-0.11	-0.00	27.11	18.00	-0.11
RANGE	161.83	18.11	30.98	31.45	2.82	0.85	349.63	378.00	21.23
MEAN	104.99	-4.37	-14.77	-13.81	-1.34	-0.37	177.65	188.94	-7.22
NUMBER	50	40	38	49	38	49	50	53	49

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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.

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TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
HAMILTON COUNTY CONTINUED										
25 43W 25CCD	QU,TO	142.38	-3.40	-20.96	-41.38	-1.91	-1.12	82.62	124.00	-33.37
26 39W 18AA	QU,TO									
26 40W 18BA	KJ									
26 41W 12DCC	KJ	207.88	-3.15	-21.32		-1.94				
26 41W 20BBD	QU,TO	35.65	4.14	-14.91	-18.65	-1.36	-0.50	206.35	225.00	-8.29
26 41W 36CCC	QU,TO	45.05	-4.92	-16.05	-10.05	-1.46	-0.27	185.95	196.00	-5.13
26 42W 10BB2	QU,TO	106.40	-6.48	-29.17	-54.40	-2.65	-1.47	138.60	193.00	-28.19
26 42W 17CB	QU,TO,KJ	140.44	-5.02	-32.27		-2.93				
26 42W 22CDB	QU,TO	134.16	-6.10	-41.01	-57.16	-3.73	-1.54	77.84	135.00	-42.34
26 43W 25DCC	QU,TO,KJ	185.56	-7.49							

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
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HAMILTON COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	272.12	-7.99	-41.01	-57.16	-3.73	-1.54	206.35	225.00	-42.34
MINIMUM	9.50	-0.04	-0.12	-0.30	-0.01	-0.01	11.06	2.00	-0.38
RANGE	262.62	7.95	40.89	56.86	3.72	1.54	195.29	223.00	41.96
MEAN	74.51	-2.14	-9.97	-10.64	-0.91	-0.29	55.03	65.63	-12.72
NUMBER	36	27	31	23	31	23	29	27	22

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
HASKELL COUNTY										
27 31W 7BDA	QU,TO	109.60	-4.29	-20.60	-17.60	-1.87	-0.48	408.40	426.00	-4.13
27 31W 21BRC	QU,TO	121.72	-2.58	-18.04	-22.72	-1.64	-0.61	375.28	398.00	-5.71
27 31W 24CDC	QU,TO	121.51	-5.83	-23.69	-27.51	-2.15	-0.74	244.49	272.00	-10.11
27 31W 31BCC	QU,TO	176.61	-3.83	-21.78	-25.61	-1.98	-0.69	343.39	369.00	-6.94
27 32W 6CBB	QU,TO	127.88	-2.72		-20.88		-0.56	337.12	358.00	-5.83
27 32W 13ABB	QU,TO								386.00	
27 32W 19CCD	QU,TO	150.25	-4.45	-20.25	-32.25	-1.84	-0.87	305.75	338.00	-9.54
27 33W 29DAA	QU,TO	223.77	-10.12	-37.47	-29.77	-3.41	-0.80	316.23	346.00	-8.60
27 33W 33DCD	QU,TO	236.01	-5.67	-31.67	-39.01	-2.88	-1.05	358.99	398.00	-9.80
27 34W 16DDO2	QU,TO	154.69	-3.58	-14.69	-18.69	-1.34	-0.51	310.31	329.00	-5.68
27 34W 28DAA	QU,TO	213.85	-2.23	-26.85	-27.85	-2.44	-0.75	282.15	310.00	-8.98
28 31W 2CCB	QU,TO								433.00	
28 31W 32ABB	QU,TO	216.48	-7.46	-25.05	-29.48	-2.28	-0.80	298.52	328.00	-8.99
28 31W 35CCB	QU,TO	185.83	-5.44	-13.88	-29.83	-1.26	-0.81	257.17	287.00	-10.39
28 32W 9CCC	QU,TO	244.04	-6.26	-28.04	-34.04	-2.55	-0.92	320.96	355.00	-9.59
28 32W 18BBB2	QU,TO	250.25	-14.24	-46.95	-58.25	-4.27	-1.57	330.75	389.00	-14.97
28 32W 24BCC	QU,TO	205.68	-5.84	-24.09	-30.68	-2.19	-0.83	343.32	374.00	-8.20
28 32W 35BBA	QU,TO	214.01	-8.06	-27.27	-32.01	-2.48	-0.87	347.99	380.00	-8.42
28 33W 21BCC	QU,TO	283.83	-7.09	-55.00	-64.83	-5.00	-1.75	295.17	360.00	-18.01
28 33W 24DBC	QU,TO	270.20			-75.20		-2.03	323.80	399.00	-18.85
28 33W 27AAB	QU,TO	281.00		-60.00	-72.00	-5.45	-1.95	302.00	374.00	-19.25
28 34W 13BBB	QU,TO	309.00	-6.50	-48.16	-62.00	-4.38	-1.68	238.00	300.00	-20.67
28 34W 15DAB	QU,TO	290.81		-27.81	-47.81	-2.53	-1.29	279.19	327.00	-14.62
28 34W 32ADD	QU,TO	284.48	-6.99	-45.04	-65.48	-4.09	-1.77	268.52	334.00	-19.60
29 31W 9CB	QU,TO	189.21	-5.03	-19.74	-23.21	-1.79	-0.63	276.79	300.00	-7.74
29 31W 14BBB	QU,TO	190.94	-4.90	-23.94	-27.94	-2.18	-0.76	241.06	269.00	-10.39
29 31W 34BCA	QU,TO	195.75	-5.31	-22.96	-27.75	-2.09	-0.75	272.25	300.00	-9.25
29 32W 4BCC	QU,TO	223.94	-1.78	-25.94	-39.94	-2.36	-1.08	347.06	387.00	-10.32
29 32W 16DAA	QU,TO	228.14	-3.53	-15.14	-29.14	-1.38	-0.79	316.86	346.00	-8.42
29 32W 19CC	QU,TO	251.56	-6.83	-33.34	-43.56	-3.03	-1.18	346.44	390.00	-11.17
29 32W 26CB2	QU,TO	232.72	-4.61	-28.62	-41.72	-2.60	-1.13	290.28	332.00	-12.57
29 33W 1AAB	QU,TO	276.01	-4.78	-49.69	-63.01	-4.52	-1.70	324.99	388.00	-16.24
29 33W 5ACA	QU,TO	272.68	-8.02	-49.78	-62.68	-4.53	-1.69	315.32	378.00	-16.58
29 33W 11BRC	QU,TO	280.41	-5.06		-58.41		-1.58	327.59	386.00	-15.13
29 33W 28RCB	QU,TO	268.15	-7.60		-56.15		-1.52	289.85	346.00	-16.23

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
HASKELL COUNTY CONTINUED										
29 34W 2ABB	QU,TO	256.97	-7.62	-47.41	-65.97	-4.31	-1.78	284.03	350.00	-18.85
29 34W 9CBB	QU,TO	271.60	-7.33	-43.21	-63.60	-3.93	-1.72	277.40	341.00	-18.65
29 34W 11ADD	QU,TO	265.23	-8.43	-55.51	-82.23	-5.05	-2.22	240.77	323.00	-25.46
29 34W 24BCC	QU,TO	245.56	-4.05	-47.06	-52.56	-4.28	-1.42	302.44	355.00	-14.81
29 34W 28CCD	QU,TO	258.71	-7.98	-36.15	-46.71	-3.29	-1.26	279.29	326.00	-14.33
29 34W 36CRC	QU,TO	267.44	-7.86		-54.44		-1.47	288.56	343.00	-15.87
30 31W 6RRB	QU,TO	214.42	-4.07	-17.95	-28.42	-1.63	-0.77	312.58	341.00	-8.33
30 31W 15ABB	QU,TO	213.39	-6.27		-38.39		-1.04	338.61	377.00	-10.18
30 31W 24RRB	QU,TO	183.51		-16.29	-18.51	-1.48	-0.50	359.49	378.00	-4.90
30 31W 33BBB	QU,TO	200.26	-7.35		-38.26		-1.03	294.74	333.00	-11.49
30 32W 11BBB	QU,TO	227.65	-4.11	-25.24	-39.65	-2.29	-1.07	332.35	372.00	-10.66
30 32W 17BCC	QU,TO	244.20	-5.79	-32.51	-44.20	-2.96	-1.19	313.80	358.00	-12.35
30 32W 22BBB	QU,TO	214.56	-3.98	-22.18	-38.56	-2.02	-1.04	297.44	336.00	-11.48
30 32W 31BAB	QU,TO	227.92	-5.69	-25.90	-33.92	-2.35	-0.92	238.08	272.00	-12.47
30 33W 2AAB	QU,TO								381.00	
30 33W 6DBD	QU,TO	274.01	-7.70	-32.59	-41.01	-2.96	-1.11	321.99	363.00	-11.30
30 33W 30CBD	QU,TO	238.85	-3.71	-19.07	-23.85	-1.73	-0.64	274.15	298.00	-8.00
30 34W 5RRB	QU,TO	265.30	-5.01	-32.51	-42.30	-2.96	-1.14	265.70	308.00	-13.73
30 34W 16RRB	QU,TO	235.82		-25.24	-28.82	-2.29	-0.78	272.18	301.00	-9.57
30 34W 30ADD	QU,TO	80.33	-2.21	-20.22	-23.33	-1.84	-0.63	235.67	259.00	-9.01

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TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
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HASKELL COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	309.00	-14.24	-60.00	-82.23	-5.45	-2.22	408.40	433.00	-25.46
MINIMUM	80.33	-1.78	-13.88	-17.60	-1.26	-0.48	235.67	259.00	-4.13
RANGE	228.67	12.46	46.12	64.63	4.19	1.75	172.73	174.00	21.33
MEAN	224.36	-5.74	-30.77	-41.19	-2.80	-1.11	303.18	347.40	-11.97
NUMBER	52	47	45	52	45	52	52	55	52

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
KEARNY COUNTY										
22 35W 23CDD	TO	122.95	-0.28	-15.35	-27.95	-1.40	-0.76	52.05	80.00	-34.94
23 35W 5ACC	TO	142.72	-5.81	-19.97	-24.72	-1.82	-0.67	37.28	62.00	-39.87
23 35W 12CCC	QU,TO	128.78	-15.94	-49.63	-61.78	-4.51	-1.67	240.22	302.00	-20.46
23 35W 25BBB2	QU,TO	98.99	-12.92	-39.85	-52.99	-3.62	-1.43	286.01	339.00	-15.63
23 35W 29DAC2	QU,TO	57.87	-6.38	-15.42	-24.87	-1.40	-0.67	277.13	302.00	-8.24
23 36W 4CBB	TO	141.05	-0.68	-8.15	0.95	-0.74	0.03	56.95	56.00	1.70
23 36W 32BBB	TO	236.28	-2.99	-18.19	-47.28	-1.65	-1.28	68.72	116.00	-40.76
23 37W 9ADD	TO	210.33	-2.11	-8.54	-9.33	-0.78	-0.25	22.67	32.00	-29.16
23 37W 19CCC	TO	254.22	-5.57	-21.30	-31.22	-1.94	-0.84	39.78	71.00	-43.97
23 37W 28CCB	TO	255.77	-0.76	-18.79	-37.77	-1.71	-1.02	44.23	82.00	-46.06
23 37W 36BAB	TO	252.37	-6.08	-22.62	-47.37	-2.06	-1.28	57.63	105.00	-45.11
24 35W 9CCC	QU,TO	43.55	-3.24	-12.50	-13.55	-1.14	-0.37	314.45	328.00	-4.13
24 35W 13CCC2	QA	18.74	-2.42	-10.46	-6.74	-0.95	-0.18	327.26	334.00	-2.02
24 35W 20CCC2	QA	20.45	-2.12	-10.76	-5.45	-0.98	-0.15	307.55	313.00	-1.74
24 35W 22CCC	QA	19.24	-2.62	-12.05	2.76	-1.10	0.07	317.76	315.00	0.88
24 36W 15BCB	QU,TO	97.82	-3.15	-22.69	-31.82	-2.06	-0.86	92.18	124.00	-25.66
24 36W 23CRB2	QU,TO	34.56	-2.25	-9.68	-8.56	-0.88	-0.23	275.44	284.00	-3.01
25 35W 2BAA	QU,TO	78.60	-3.40		-26.60		-0.72	321.40	348.00	-7.64
25 35W 17AAA	QU,TO	65.29	-5.57		-28.29		-0.76	339.71	368.00	-7.69
25 35W 26BAB	QU,TO	84.91	-7.09		-14.91		-0.40	365.09	380.00	-3.92
25 35W 28DRB	QU	64.03	0.53	-11.29	-15.03	-1.03	-0.41	332.97	348.00	-4.32
25 36W 11CBC	QA	23.16	-2.57	-9.82	-8.16	-0.89	-0.22	331.84	340.00	-2.40
25 36W 18ACC	TO	26.28	-1.66	-10.76	-7.28	-0.98	-0.20	206.72	214.00	-3.40
25 36W 28BRD	QU,TO	71.60	-9.40		-20.60		-0.56	290.40	311.00	-6.62
25 36W 35ACC	QU	73.69	-3.41	-16.78	-22.69	-1.53	-0.61	292.31	315.00	-7.20
25 37W 15ABA2	QA	12.46	-1.18		-7.46		-0.20	17.54	25.00	-29.84
25 37W 15DDD	QA	16.05	-0.33	-3.08	-0.05	-0.28	-0.00	49.95	50.00	-0.10
25 37W 25BAD2	QU,TO,KJ	53.55	-1.17	-15.43		-1.40				
25 38W 8BDD	QU,TO,KJ	44.75	-3.38	-7.18		-0.65				
25 38W 20ACC	QU,TO,KJ	68.17		-4.89		-0.44				
25 38W 26ACC	QU,TO	70.47	-0.65	-5.05	-7.47	-0.46	-0.20	74.53	82.00	-9.11
26 35W 6ADA	QU	80.36	-7.69	-19.64	-22.36	-1.79	-0.60	337.64	360.00	-6.21
26 35W 10DBC	QU	92.92	-2.43	-9.92	-11.92	-0.90	-0.32	371.08	383.00	-3.11
26 36W 1DRB	QU	70.53	-5.09		-22.53		-0.61	329.47	352.00	-6.40

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TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
KEARNY COUNTY CONTINUED										
26 36W 14ACD	QU	62.89	-12.92	-12.69	-7.89	-1.15	-0.21	300.11	308.00	-2.56
26 37W 6ACB	QU,TO	27.69	0.41	-1.55		-0.14		74.31		
26 37W 21DDD	QU,TO	77.08	-5.03	-19.21	-36.08	-1.75	-0.98	241.92	278.00	-12.98
26 37W 25CDB	QU	129.62	-5.45	-24.62	-37.62	-2.24	-1.02	242.38	280.00	-13.44
26 38W 8AAD	QU,KJ	135.04	-0.54	1.94		0.18				

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
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KEARNY COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	255.77	-15.94	-49.63	-61.78	-4.51	-1.67	371.08	383.00	-46.06
MINIMUM	12.46	-0.28	-1.55	-0.05	-0.14	-0.00	17.54	25.00	-0.10
RANGE	243.31	15.66	48.08	61.73	4.37	1.67	353.54	358.00	45.96
MEAN	90.86	-4.24	-15.20	-22.61	-1.38	-0.61	211.69	236.83	-14.96
NUMBER	40	37	33	33	33	33	36	.35	33

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
MEADE COUNTY										
30 26W 4CBB	QU,TO	38.33	-9.60	-17.63	-27.33	-1.60	-0.74	396.67	424.00	-6.45
30 26W 7BBB	QU,TO	50.84	-8.17	-20.92	-28.84	-1.90	-0.78	350.16	379.00	-7.61
30 26W 17BRC	QU,TO	34.20	-5.16	-12.17	-23.20	-1.11	-0.63	365.80	389.00	-5.96
30 26W 31CBC	QU,TO	29.90	-4.37	-15.90	-15.90	-1.45	-0.43	320.10	336.00	-4.73
30 27W 4DBD	QU,TO	68.70	-14.53	-33.94	-37.70	-3.09	-1.02	277.30	315.00	-11.97
30 27W 22CDD	QU	11.50	-2.51	0.82	2.50	0.07	0.07	316.50	314.00	0.80
30 27W 23ABB	QU,TO	38.60	-8.55	-22.10	-26.60	-2.01	-0.72	282.40	309.00	-8.61
30 27W 32DDD	QU									
30 28W 2BAA	QU,TO	105.67	-3.75	-8.47	-22.67	-0.77	-0.61	324.33	347.00	-6.53
30 28W 17ABB	QU,TO	117.49	-1.90	-7.89	-15.49	-0.72	-0.42	399.51	415.00	-3.73
30 29W 3DCC	QU,TO	117.99	-1.91	-10.55	-15.99	-0.96	-0.43	346.01	362.00	-4.42
30 29W 23CAD	QU,TO	154.67	-2.68	-13.32	-20.67	-1.21	-0.56	389.33	410.00	-5.04
30 29W 28BBB	QU,TO	154.82	-3.96	-16.93	-17.82	-1.54	-0.48	398.18	416.00	-4.28
30 29W 32BRB	QU,TO	148.90	-4.07	-18.12	-15.90	-1.65	-0.43	387.10	403.00	-3.95
30 30W 12CBB	QU,TO	188.50	-5.65	-22.95	-25.50	-2.09	-0.69	304.50	330.00	-7.73
30 30W 28ABB	QU,TO	177.90	-15.06	-31.95	-27.90	-2.90	-0.75	330.10	358.00	-7.79
31 26W 30BBB2	QU,TO	92.47	-2.29		4.53		0.12	120.53	116.00	3.91
31 27W 20AAA2	QU,TO	35.66	-7.57		-20.66		-0.56	290.34	311.00	-6.64
31 28W 10BCB	QU,TO	128.78	0.01	-16.58	-14.78	-1.51	-0.40	365.22	380.00	-3.89
31 29W 25AAA2	QU,TO	167.68	-4.96	-11.16	-22.68	-1.01	-0.61	270.32	293.00	-7.74
31 29W 30AAA	QU,TO	143.26	-4.51	-13.04	-7.26	-1.19	-0.20	317.74	325.00	-2.23
31 30W 16BRC	QU,TO	168.47	-14.71	-34.57	-32.47	-3.14	-0.88	336.53	369.00	-8.80
32 28W 4ADD	QU,TO	68.30	-1.58	-2.15	-5.30	-0.20	-0.14	297.70	303.00	-1.75
32 28W 14CBC	QU,TO	7.90	-1.48	-1.47	-1.90	-0.13	-0.05	292.10	294.00	-0.65
32 29W 5CC	QU,TO	152.14	-2.75	-14.79	-13.14	-1.34	-0.36	311.86	325.00	-4.04
32 29W 27AAB2	QU,TO	142.05	-0.78		0.95		0.03	412.95	412.00	0.23
32 30W 9CCC	QU,TO	174.99	3.49	-18.24	-19.99	-1.66	-0.54	329.01	349.00	-5.73
32 30W 28BBC	QU,TO	191.75	-3.23	-21.47	-24.75	-1.95	-0.67	267.25	292.00	-8.48
32 30W 35CAD2	QU,TO								330.00	
33 28W 29BC	TO	16.90	0.10	-2.60	-2.90	-0.24	-0.08	159.10	162.00	-1.79
33 29W 36AAB	QU,TO	85.60	-0.72	-4.25	-4.60	-0.39	-0.12	197.40	202.00	-2.28
33 30W 35CB	QU,TO	161.04		-3.20	-0.04	-0.29	-0.00	382.96	383.00	-0.01
34 30W 22CBC	QU,TO	192.53	1.73		-1.53		-0.04	482.47	484.00	-0.32
34 30W 27BBB2	QU,TO	187.08	0.42		-0.08		-0.00	483.92	484.00	-0.02
35 30W 10CDA	QA,QU,TO	26.90	-4.07	-3.74	-3.00	-0.34	-0.11	201.10	205.00	-1.92

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
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MEADE COUNTY CONTINUED

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
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MEADE COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	192.53	-15.06	-34.57	-37.70	-3.14	-1.02	483.92	484.00	-11.97
MINIMUM	7.90	-0.72	-1.47	-0.04	-0.13	-0.00	120.53	116.00	-0.01
RANGE	184.63	14.34	33.10	37.66	3.01	1.02	363.39	368.00	11.96
MEAN	108.53	-5.20	-14.82	-16.58	-1.35	-0.45	327.17	341.65	-4.82
NUMBER	33	27	27	30	27	30	33	34	30

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
MORTON COUNTY										
31 39W 18CCC	QU,TO	182.73	-7.88	-47.13	-66.73	-4.28	-1.80			
31 39W 33BCC	QU,TO,KJ	201.97	-0.25	-41.97		-3.82		13.03		
31 40W 1DA	QU,TO	161.75	-5.61	-28.65	-50.75	-2.60	-1.37	114.25	165.00	-30.76
31 40W 29ABB	QU,TO	180.16	6.99	-14.01	-39.16	-1.27	-1.06	52.84	92.00	-42.57
31 41W 7CDD	KJ	135.51	0.23	-0.51		-0.05				
31 41W 31CBB	KJ	97.29	-4.50	-24.29		-2.21				
31 42W 29AAB	QU,TO,KJ	109.30	-0.99	-16.20	-35.30	-1.47	-0.95			
31 43W 3CB	QU,TO,KJ	65.89	0.46	-0.19	-4.89	-0.02	-0.13			
31 43W 14DDC	KU	67.35	1.68	0.43		0.04				
31 43W 20CBB	QU,TO	79.32		-22.92	-26.32	-2.08	-0.71	20.68	47.00	-56.00
32 39W 9DD	QU,TO	177.55	6.93	-30.65	-59.55	-2.79	-1.61			
32 40W 21ADB	QU,TO	187.51		-31.51	-55.51	-2.86	-1.50	49.49	105.00	-52.87
32 41W 15CDC	QU,TO,KJ	20.72	1.88	-2.72		-0.25				
32 42W 14CCC	QU,TO,KJ	111.59		-20.99		-1.91				
32 42W 21BCC	QU,TO,KJ	144.45	0.02	-30.81		-2.80				
32 42W 26CDD	QU,TO,KJ	138.41	1.19	-36.41		-3.31				
32 43W 17DCC	TO	72.11	-0.84	-12.11	-12.11	-1.10	-0.33	73.89	86.00	-14.08
33 39W 16ABB	QU,TO	73.57	-1.30	-3.57	8.43	-0.32	0.23	270.43	262.00	3.22
33 40W 27CCC	QU,TO	80.57	0.81	-0.57	17.43	-0.05	0.47	242.43	225.00	7.75
33 41W 3AAD	QU,TO,KJ	151.53	-9.94	-34.27		-3.12				
33 41W 21CCC	QA	44.74	-1.36	-3.64	-17.74	-0.33	-0.48	82.26	100.00	-17.74
33 41W 33DDD	QU	63.52	1.72	5.88	4.48	0.53	0.12	93.48	89.00	5.03
33 42W 1AA	QU	39.77	-0.34	-5.27	8.23	-0.48	0.22	128.23	120.00	6.86
33 42W 21BCB	QU,TO	88.17	1.25	-3.17	-1.17	-0.29	-0.03	78.83	80.00	-1.46
33 43W 8BDA	QU,TO,KJ	98.18	-0.58	-3.18		-0.29				
34 42W 58DC	QU,KJ	39.27	-0.30	-0.87		-0.08				
34 42W 22CDB	QU,TO	80.88	1.63		11.12		0.30	31.12	20.00	55.60
34 43W 7BDD	KJ	149.22		-2.02		-0.18				
35 40W 38RB	QU,TO	174.89	-0.67	8.23	4.11	0.75	0.11	232.11	228.00	1.80
35 43W 13BDB	QU,TO	174.26	-1.47		-23.26		-0.63	130.74	154.00	-15.10

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TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
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MORTON COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	201.97	-9.94	-47.13	-66.73	-4.28	-1.80	270.43	262.00	-56.00
MINIMUM	20.72	-0.25	-0.19	-1.17	-0.02	-0.03	13.03	20.00	-1.46
RANGE	181.25	9.69	46.94	65.56	4.27	1.77	257.40	242.00	54.54
MEAN	113.07	-2.57	-16.71	-32.71	-1.52	-0.88	107.59	126.64	-28.82
NUMBER	30	14	25	12	25	12	15	14	8

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
SEWARD COUNTY										
31 31W 8BCC	QU,TO	192.50	-3.80	-23.02	-28.50	-2.09	-0.77	326.50	355.00	-8.03
31 31W 13BCB	QU,TO	180.90	-5.79	-26.72	-26.90	-2.43	-0.73	344.10	371.00	-7.25
31 32W 3DAD	QU,TO	191.80	-2.82	-17.62	-33.80	-1.60	-0.91	304.20	338.00	-10.00
31 32W 21CBA	QU,TO	214.65	-14.63	-26.95	-36.65	-2.45	-0.99	258.35	295.00	-12.42
31 32W 34CBB	QU,TO								319.00	
31 33W 6CBD	QU,TO	225.90		-14.65	-15.90	-1.33	-0.43	272.10	288.00	-5.52
31 33W 20DBB	QU,TO	194.30	-2.22	-15.19	-15.30	-1.38	-0.41	342.70	358.00	-4.27
31 34W 188RB	QU,TO	202.65	-3.10	-16.28	-16.65	-1.48	-0.45	218.35	235.00	-7.09
32 31W 88RB	QU,TO	188.75	-6.39	-23.20	-13.75	-2.11	-0.37	266.25	280.00	-4.91
32 31W 26CAA	QU,TO	205.83	-11.46	-22.93	-25.83	-2.08	-0.70	247.17	273.00	-9.46
32 31W 31ACC	QU,TO								265.00	
32 32W 148BB	QU,TO	211.15	-4.38	-18.33	-31.15	-1.67	-0.84	223.85	255.00	-12.22
32 32W 19BAB	QU,TO	209.03	-2.68	-14.27	-20.03	-1.30	-0.54	265.97	286.00	-7.00
32 33W 12BCC	QU,TO	203.89	9.80	-19.15	-20.89	-1.74	-0.56	231.11	252.00	-8.29
32 33W 21CDB	QA	19.90	0.09	-2.90	-3.90	-0.26	-0.11	330.10	334.00	-1.17
32 34W 10DA	QU,TO	199.44	7.52	4.11	5.56	0.37	0.15	270.56	265.00	2.10
32 34W 17DCC	QU,TO	236.93	0.89	-14.10	-23.93	-1.28	-0.65	256.07	280.00	-8.55
32 34W 32BBB	QU,TO	166.70	-1.07	-12.40	-7.70	-1.13	-0.21	324.30	332.00	-2.32
33 32W 258BB	QU,TO								370.00	
33 32W 28CDD	QU,TO	57.07	-0.23		2.93		0.08	341.93	339.00	0.86
33 32W 28CDD2	QU,TO	54.29	-0.04		5.71		0.15	344.71	339.00	1.68
33 33W 12AAD	QU,TO	7.37	-0.17	-1.67	-2.37	-0.15	-0.06	308.63	311.00	-0.76
34 31W 30BBB	QU,TO	208.89	-0.05		-0.89		-0.02	462.11	463.00	-0.19
34 31W 30BBB2	QU,TO	206.44	0.01		1.56		0.04	464.56	463.00	0.34
34 32W 35ADA	QU,TO	188.86								
34 33W 7CCB	QU,TO	128.07	1.31	-1.30	11.93	-0.12	0.32	446.93	435.00	2.74
34 34W 16DAA	QU,TO	121.55	-7.28	-26.96	-7.55	-2.45	-0.20	551.45	559.00	-1.35
34 34W 17DDD	QU,TO	110.50	-4.09		-5.50		-0.15	314.50	320.00	-1.72
35 31W 18BRA	QU,TO	171.75	8.93	10.23	15.25	0.93	0.41	325.25	310.00	4.92
35 33W 16BCA	QU,TO	112.36	5.35	-8.61	13.64	-0.78	0.37	545.64	532.00	2.56
35 34W 10BRB	QU,TO								557.00	

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TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
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SEWARD COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	236.93	-14.63	-26.96	-36.65	-2.45	-0.99	551.45	559.00	-12.42
MINIMUM	7.37	-0.04	-1.30	-0.89	-0.12	-0.02	218.35	235.00	-0.19
RANGE	229.56	14.59	25.66	35.76	2.33	0.97	333.10	324.00	12.23
MEAN	163.39	-4.13	-16.12	-17.75	-1.47	-0.48	330.28	345.97	-5.92
NUMBER	27	17	19	19	19	19	26	30	19

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
STANTON COUNTY										
27 39W 28BB	QU,TO	89.10	-3.08	-0.95	-1.10	-0.09	-0.03	7.90	9.00	-12.22
27 39W 23ACC2	QU,TO	163.73	-20.01	-84.53	-118.73	-7.68	-3.21	206.27	325.00	-36.53
27 39W 27BBA	QU,TO	159.90	-9.00	-57.62	-91.90	-5.24	-2.48	235.10	327.00	-28.10
27 39W 34DDD	QU,TO	218.45	-19.91	-104.25	-164.45	-9.48	-4.44	185.55	350.00	-46.99
27 40W 21DAA	QU,TO	67.06	-4.36	-18.46	-15.06	-1.68	-0.41	162.94	178.00	-8.46
27 40W 25CBC	QU,TO	116.95	-3.80	-31.10	-43.95	-2.83	-1.19	211.05	255.00	-17.24
27 41W 31CCB2	QU,TO	218.44	3.95	-50.84	-62.44	-4.62	-1.69	89.56	152.00	-41.08
27 41W 35CCC	QU,TO,KJ	163.33	-8.23	-28.28		-2.57				
27 42W 11DBD	QU,TO	151.77	-7.89	-35.77	-31.77	-3.25	-0.86	98.23	130.00	-24.44
27 42W 31CCC	QU,TO,KJ	224.62	-6.18	-31.42		-2.86				
28 39W 5BBB2	QU,TO	101.74	-7.85	-45.24	-45.74	-4.11	-1.24	245.26	291.00	-15.72
28 39W 14BRC	QU,TO,KJ	122.72	-3.84	-25.62		-2.33				
28 39W 31BCC	QU,TO	163.10		-40.50	-72.10	-3.68	-1.95	273.90	346.00	-20.84
28 39W 33ACC	QU,TO	169.02	-4.58	-48.87	-87.02	-4.44	-2.35	258.98	346.00	-25.15
28 39W 36ARB	QU,TO	156.27	-3.04	-55.97	-99.27	-5.09	-2.68	255.73	355.00	-27.96
28 40W 4CCC	QU,TO	163.14	-8.36	-47.49	-53.14	-4.32	-1.44	190.86	244.00	-21.78
28 40W 12DDC2	QU,TO	174.09	-9.40	-66.63	-91.09	-6.06	-2.46	210.91	302.00	-30.16
28 40W 23ACC	QU,TO	165.80	-2.42	-45.60	-62.80	-4.15	-1.70	238.20	301.00	-20.86
28 40W 32CCB	QU,TO	228.52	-7.78	-56.02	-70.52	-5.09	-1.91	217.48	288.00	-24.49
28 41W 12BRC	QU,TO	167.29	-4.79	-37.79	-48.29	-3.44	-1.31	155.71	204.00	-23.67
28 41W 31BDD	QU,TO	177.55	-5.40	-31.55	-22.55	-2.87	-0.61	102.45	125.00	-18.04
28 42W 8CCC	QU,TO	258.11	-5.92	-24.21	-59.11	-2.20	-1.60	41.89	101.00	-58.52
28 42W 32BBB	KJ	228.57	-0.54	-12.62		-1.15				
29 39W 17BCB	QU,TO	180.70		-52.41	-72.70	-4.76	-1.96	275.30	348.00	-20.89
29 39W 21DBD	QU,TO	128.28	-6.05	-45.60	-66.28	-4.15	-1.79	284.72	351.00	-18.88
29 39W 24DDA	QU,TO	122.98	-2.22	-42.90	-60.98	-3.90	-1.65	326.02	387.00	-15.76
29 41W 13ACC	QU,TO	237.37	-6.05	-44.70	-61.37	-4.06	-1.66	162.63	224.00	-27.40
29 41W 31CBD	KJ	259.86		-23.34		-2.12				
29 42W 8CDC	KJ	200.17	-3.07	-13.20		-1.20				
29 42W 11DCD	KJ	225.87	-4.52	-13.58		-1.23				
29 42W 24CCC	QU,TO,KJ	206.88		14.38		1.31				
29 43W 33CDB	KJ	115.72	0.27	4.11		0.37				
30 39W 2ABB	QU,TO	129.81	-5.60	-40.52	-57.81	-3.68	-1.56	287.19	345.00	-16.76
30 39W 18BBB	QU,TO,KJ	149.82		-28.57		-2.60				
30 39W 23BBB	QU,TO	128.88	-5.04	-40.28	-57.88	-3.67	-1.54	274.12	332.00	-17.43

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TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
STANTON COUNTY CONTINUED										
30 39W 32DA	QU,TO	155.82	-5.79	-38.97	-51.82	-3.54	-1.40	91.18	143.00	-36.24
30 39W 36BDD	QU,TO	139.84	-2.31	-36.94	-57.84	-3.36	-1.56	275.16	333.00	-17.37
30 40W 24CDC	QU,TO,KJ	145.17	4.25	-29.87		-2.72				
30 40W 33CCB	KJ	182.60	-0.64	-18.24		-1.66				
30 41W 13CCC	QU,TO								58.00	
30 41W 32BAA	KJ									
30 42W 12ACC	KJ	195.35	4.58	-7.27		-0.66				
30 42W 16BDB	KJ	185.52	1.39	2.28		0.21				
30 43W 34BRB	QU,TO	83.30	4.76	-16.91	-41.30	-1.54	-1.12	19.70	61.00	-67.70
30 43W 36BB	QU,TO,KJ	76.04	-0.24	-4.44		-0.40				

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
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STANTON COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	259.86	-20.01	-104.25	-164.45	-9.48	-4.44	326.02	387.00	-67.70
MINIMUM	67.06	-0.24	-0.95	-1.10	-0.09	-0.03	7.90	9.00	-8.46
RANGE	192.80	19.77	103.30	163.35	9.39	4.41	318.12	378.00	59.24
MEAN	165.12	-5.90	-36.98	-63.18	-3.36	-1.71	192.29	248.66	-26.45
NUMBER	43	32	40	28	40	28	28	29	28

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

(VALUE IN FEET MULTIPLIED BY 0.3048 GIVES EQUIVALENT IN METERS)

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 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
STEVENS COUNTY										
31 35W 78BB	QU,TO	224.72	-3.49	-38.92	-52.72	-3.54	-1.42	212.28	265.00	-19.89
31 35W 15BAA	QU,TO								225.00	
31 35W 19CCC	QU,TO	211.10	-2.05	-23.80	-37.10	-2.16	-1.00	278.90	316.00	-11.74
31 35W 26DCC	QU,TO	255.28	-4.90	-25.04	-42.28	-2.28	-1.14	191.72	234.00	-18.07
31 36W 2CDD	QU,TO	169.33	-1.74	-13.47	-30.33	-1.22	-0.82	195.67	226.00	-13.42
31 36W 18BAA	QU,TO	130.08	-2.75	-27.84	-34.08	-2.53	-0.92	245.92	280.00	-12.17
31 36W 27BCB	QU,TO	162.97	-5.31	-25.63	-26.97	-2.33	-0.73	298.03	325.00	-8.30
31 37W 9BCC	QU,TO	168.67	-6.51	-38.52	-60.67	-3.50	-1.64	234.33	295.00	-20.57
31 37W 22BCC	QU,TO	163.18	-5.29	-34.79	-57.18	-3.16	-1.55	276.82	334.00	-17.12
31 38W 17CDA	QU,TO	174.90	-9.50	-43.90	-64.90	-3.99	-1.75	205.10	270.00	-24.04
31 38W 34BAC	QU,TO	110.13	-0.44	-11.43	-15.13	-1.04	-0.41	307.87	323.00	-4.68
31 39W 23BBB	QU,TO	150.54	1.66	-33.62	-52.54	-3.06	-1.42	108.46	161.00	-32.63
32 35W 2CBB	QU,TO	256.84	-2.95	-26.23	-57.84	-2.38	-1.56	162.16	220.00	-26.29
32 35W 8DDD	QU,TO	143.54	-4.15		-13.54		-0.37	358.46	372.00	-3.64
32 37W 4ACA	QU,TO	192.41	-5.53	-30.41	-48.41	-2.76	-1.31	328.59	377.00	-12.84
32 37W 10DCC	QU,TO	153.37	-2.30	-16.92	-26.37	-1.54	-0.71	386.63	413.00	-6.38
32 38W 6ACC	QU,TO	57.87	0.62	-2.23	2.13	-0.20	0.06	262.13	260.00	0.82
32 38W 11ADA	QU,TO	115.50	-2.14	-1.38	2.50	-0.13	0.07	413.50	411.00	0.61
32 38W 23BDD	QU,TO	119.33	-8.87	-13.10	-3.33	-1.19	-0.09	385.67	389.00	-0.86
32 39W 28BB	QU,TO	172.64		-39.69	-76.64	-3.61	-2.07	123.36	200.00	-38.32
32 39W 15BCA	QU,TO								150.00	
33 36W 11DDC	QU,TO	128.85	-0.69	-26.32	-27.85	-2.39	-0.75	346.15	374.00	-7.45
33 36W 26DDD	QU,TO	139.10	-0.20	-20.37	-18.10	-1.85	-0.49	282.90	301.00	-6.01
33 37W 9BCC	QU,TO	77.50			3.50		0.09	447.50	444.00	0.79
33 37W 17CCC	QU,TO	81.39	-3.08	7.93	1.61	0.72	0.04	472.61	471.00	0.34
33 37W 23CDB	QU,TO	95.57	-1.03	-11.72	-8.57	-1.07	-0.23	466.43	475.00	-1.80
33 38W 6AAB	QU,TO	91.68	-0.84	2.99	1.32	0.27	0.04	286.32	285.00	0.46
33 38W 10ACC	QU,TO	119.46	-4.44	-11.70	-18.46	-1.06	-0.50	346.54	365.00	-5.06
33 38W 20DDB	QU,TO	140.40	2.81	-15.45	-34.40	-1.40	-0.93	315.60	350.00	-9.83
33 38W 25DDC	QU,TO								455.00	
34 35W 7BCC	QU,TO	142.24	-3.23	-28.60	-22.24	-2.60	-0.60	462.76	485.00	-4.59
34 35W 18BCA	QU,TO	145.57	-9.39		-15.57		-0.42	521.43	537.00	-2.90
34 37W 8DAC	QU,TO	117.07	-2.47	-4.05	15.93	-0.37	0.43	524.93	509.00	3.13
34 37W 27ABC	QU,TO	104.49	-0.79	1.31	20.51	0.12	0.55	427.51	407.00	5.04
34 38W 2CDB	QU,TO	142.84		-6.84	-3.84	-0.62	-0.10	434.16	438.00	-0.88

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
STEVENS COUNTY CONTINUED										
34 38W 34BDB	QU,TO								415.00	
34 39W 2CCA	QU,TO	102.64	-0.19	5.71	15.36	0.52	0.42	430.36	415.00	3.70
34 39W 14DDD	QU,TO	159.38	-0.49		-5.38		-0.15	337.62	343.00	-1.57
34 39W 15CAD	QU,TO	135.90	-1.11	5.83	5.10	0.53	0.14	374.10	369.00	1.38
35 36W 1AAA	QU,TO	107.76			12.24		0.33	482.24	470.00	2.60
35 39W 10CAD	QU,TO	185.41	-0.51	2.59	-2.41	0.24	-0.07	316.59	319.00	-0.76

TABLE 2 CONTINUED

WELL NUMBER	GEOLOGIC UNIT	DEPTH TO WATER IN 1977 (FEET)	WATER-LEVEL CHANGE 1976-77 (FEET)	WATER-LEVEL CHANGE 1966-77 (FEET)	WATER-LEVEL CHANGE 1940-77 (FEET)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1966-77 (FEET/YEAR)	AVERAGE ANNUAL WATER-LEVEL CHANGE 1940-77 (FEET/YEAR)	SATURATED THICKNESS IN 1977 (FEET)	SATURATED THICKNESS IN 1940 (FEET)	PERCENT CHANGE IN SATURATED THICKNESS 1940-77
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STEVENS COUNTY CONTINUED

FOLLOWING STATISTICS COMPUTED ON POSITIVE DEPTH TO WATER, NEGATIVE RANGES, AND POSITIVE THICKNESSES.

MAXIMUM	256.84	-9.50	-43.90	-76.64	-3.99	-2.07	524.93	537.00	-38.32
MINIMUM	57.87	-0.19	-1.38	-2.41	-0.13	-0.07	108.46	150.00	-0.76
RANGE	198.97	9.31	42.52	74.23	3.87	2.01	416.47	387.00	37.56
MEAN	144.59	-3.21	-22.00	-31.74	-2.00	-0.86	331.12	348.12	-11.55
NUMBER	37	30	26	27	26	27	37	41	27

Table 3.--Altitude of bedrock and water levels for specified years, in
northwestern Kansas.

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

PAGE 1

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
CHEYENNE COUNTY						
1 38W 2CDC	2993.	3011.	3011.	3009.	3008.	1
1 38W 8DCC	3024.	3045.	3045.	3043.	3042.	2
1 38W 30BDC	3062.	3083.	3082.	3078.	3074.	3
1 39W 25CBC	3076.	3095.	3093.	3092.	3092.	4
2 38W 27DAD	3154.	3236.	3233.	3230.	3218.	5
2 39W 19ABC	3172.	3193.	3194.	3193.		6
2 39W 27BBB	3207.	3217.	3217.	3217.	3216.	7
2 40W 20BBC	3356.	3370.	3370.			8
2 40W 28DBA	3312.	3340.	3339.	3339.		9
2 41W 27BRD	3378.	3420.	3421.		3405.	10
2 41W 33DBC	3362.	3415.	3415.	3403.		11
2 42W 14DDD	3445.	3461.	3461.	3459.	3461.	12
3 37W 19BBC	3143.	3253.	3248.	3242.	3241.	13
3 37W 36ADB	3081.	3206.	3199.	3184.	3179.	14
3 39W 20DAC	3251.	3320.	3310.	3304.	3301.	15
3 39W 32BDB	3267.	3340.	3336.	3333.	3329.	16
3 40W 9BAA2	3336.	3338.	3338.	3337.	3338.	17
3 40W 22BCA	3259.	3270.	3270.	3271.	3270.	18
3 40W 28CBB	3282.	3298.	3299.	3297.	3296.	19
3 40W 35AAC	3301.	3350.	3349.	3345.	3345.	20
3 41W 16AAC	3396.	3434.	3434.	3433.	3432.	21
3 41W 31ADB	3410.	3466.	3457.		3435.	22
3 42W 21BCC	3476.	3535.	3533.	3522.		23
4 37W 11BCC	3101.	3227.	3221.	3200.	3196.	24
4 37W 17AAC	3121.	3259.	3258.	3244.	3244.	25
4 37W 25DCA	3090.	3227.	3233.		3221.	26
4 38W 4BAC	3182.	3302.	3302.		3292.	27
4 38W 11CCC	3154.	3296.	3296.	3294.	3294.	28
4 38W 20CCC	3188.	3334.	3335.	3333.	3332.	29
4 38W 21ADC	3175.	3313.	3303.	3304.	3295.	30
4 39W 2DBC	3212.	3328.	3324.	3321.	3320.	31
4 39W 15CCA	3217.	3356.	3349.	3341.	3335.	32
4 39W 18CAB	3261.	3377.	3373.	3367.	3373.	33
4 39W 27CCA	3237.	3372.	3373.	3368.		34
4 40W 22BCB	3305.	3397.	3396.	3395.		35

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

PAGE 2

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
CHEYENNE COUNTY CONTINUED						
4 41W 16DAA	3365.	3390.	3389.	3385.	3387.	36
4 41W 25BCB	3360.	3430.	3431.		3429.	37
4 41W 31ACA	3410.	3458.	3458.	3456.	3456.	38
4 42W 26BDB	3432.	3470.	3466.	3465.	3468.	39
5 37W 15DBB	3100.	3260.	3261.	3249.	3244.	40
5 38W 13BAA	3170.	3316.	3317.	3314.	3309.	41
5 38W 22ACB	3167.	3347.	3346.	3344.	3341.	42
5 38W 26CCA	3175.	3348.	3348.	3342.	3338.	43
5 39W 8CCC	3276.	3422.	3421.	3416.	3415.	44
5 39W 11CBC	3239.	3390.	3390.	3372.	3361.	45
5 39W 19BBC	3329.	3450.	3449.			46
5 39W 25CDA	3238.	3406.	3408.	3403.	3396.	47
5 40W 4CBD	3323.	3453.	3452.	3447.	3445.	48
5 40W 14BCD	3320.	3458.		3439.	3433.	49
5 40W 15ACB	3318.	3460.	3461.	3441.	3438.	50
5 40W 27BBA	3331.	3485.		3448.	3459.	51
5 41W 12ADC	3366.	3481.	3481.	3475.	3472.	52
5 41W 20DAA	3433.	3535.	3530.	3521.	3519.	53
5 42W 4AAB	3430.	3500.	3499.	3494.	3497.	54
5 42W 14CBC	3472.	3542.	3540.	3532.	3521.	55
5 42W 36CCB	3495.	3600.	3596.	3592.	3591.	56

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

PAGE 3

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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CHEYENNE COUNTY CONTINUED

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

PAGE 4

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
DECATUR COUNTY						
1 26W 18DD8	2354.	2385.	2387.		2383.	1
1 29W 30DB	2494.	2516.	2516.	2510.	2509.	2
1 29W 19BDD	2519.	2562.	2561.	2553.	2551.	3
1 30W 34DDD	2550.	2590.	2588.	2581.	2578.	4
2 26W 11BRA	2399.	2424.	2422.	2423.	2423.	5
2 28W 13ABA	2429.	2460.	2461.	2460.	2458.	6
2 29W 24BCC	2558.	2582.	2586.	2586.	2586.	7
2 30W 26DCC	2602.	2703.		2690.	2689.	8
3 26W 30CBB2	2468.	2491.	2491.	2484.	2484.	9
3 27W 32ABA	2517.	2563.	2562.	2562.	2562.	10
3 28W 6DCB	2516.	2537.	2545.	2541.	2538.	11
3 28W 32BCA	2569.	2616.	2615.	2617.	2614.	12
3 29W 12BRA	2501.	2530.	2531.	2528.	2529.	13
3 29W 17DCB	2537.	2568.	2567.	2566.	2565.	14
3 29W 31DCC	2595.	2613.	2613.		2609.	15
3 30W 3CBA	2630.	2711.	2708.			16
3 30W 26BBB	2580.	2622.	2619.		2617.	17
4 26W 8DDD	2386.	2430.	2427.	2427.	2424.	18
4 26W 19DCA	2427.	2450.	2450.	2448.	2446.	19
4 26W 36BBB	2400.	2441.	2439.	2439.		20
4 27W 17DAC	2486.	2543.	2544.	2543.	2542.	21
4 27W 33BBB	2474.	2515.	2512.	2512.	2510.	22
4 28W 15AAA	2570.	2608.	2606.	2606.	2605.	23
4 28W 30DDD	2616.	2634.	2633.			24
4 30W 7BRB	2676.	2690.	2690.		2683.	25
4 30W 9DDD	2669.	2683.	2676.	2673.	2676.	26
4 30W 25DCC	2650.	2721.	2716.	2715.	2714.	27
5 26W 5ADD	2437.	2479.	2478.	2479.	2479.	28
5 26W 26DDA	2363.	2411.	2415.	2415.	2414.	29
5 26W 33DCC	2415.	2455.	2457.		2457.	30
5 27W 21CCA						31
5 28W 7BBC	2592.	2625.	2624.	2628.	2627.	32
5 28W 10BBB						33
5 28W 14ADD	2563.	2590.	2588.	2588.	2587.	34
5 28W 17DAC	2610.	2632.	2632.		2631.	35

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

PAGE 5

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
DECATUR COUNTY CONTINUED						
5 29W 118AA	2628.	2660.	2658.	2657.	2657.	36
5 29W 22CBB	2640.	2675.	2673.	2672.	2673.	37
5 30W 35BCB	2691.	2779.	2779.	2774.	2774.	38

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

PAGE 6

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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DECATUR COUNTY CONTINUED

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

PAGE 7

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
GOVE COUNTY						
11 26W 4CDC	2393.	2521.	2523.	2521.	2522.	1
11 27W 16AAA	2533.	2618.	2619.	2616.		2
11 27W 36BCC						3
11 29W 4DAD	2674.	2735.		2730.	2731.	4
11 30W 27ABB	2757.	2805.		2797.	2797.	5
12 28W 12DDD	2591.	2648.	2649.			6
13 26W 20CBC						7

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

PAGE 8

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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GOVE COUNTY CONTINUED

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

PAGE 9

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
LOGAN COUNTY						
11 32W 4ACD	2851.	2963.	2957.	2950.		1
11 32W 19AAB	2890.	2981.		2974.	2972.	2
11 34W 16CDB	3048.	3096.	3100.		3095.	3
11 36W 6ADD2	3160.	3238.	3243.	3223.	3221.	4
11 36W 6DBB2	3104.	3238.	3236.		3217.	5
12 32W 27ABB						6
13 35W 23BCC	2894.	2911.		2908.	2906.	7
13 36W 20CCB	2993.			3012.	3012.	8

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

PAGE 10

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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LOGAN COUNTY CONTINUED

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

PAGE 11

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
RAWLINS COUNTY						
1 33W 29CCC	2848.	2877.	2876.	2877.	2874.	1
2 31W 3CAD	2623.	2650.	2650.	2647.	2646.	2
2 32W 14DCA	2674.	2705.	2705.	2702.	2700.	3
2 32W 20DCD	2703.	2730.	2727.	2723.	2722.	4
2 33W 26DCC	2752.	2785.	2778.		2774.	5
2 35W 13ABB	2970.	3004.	3008.	3004.	3007.	6
2 35W 34CAA	2952.	3035.	3034.	3034.	3032.	7
2 36W 13DDD	3026.	3100.	3096.	3095.	3089.	8
2 36W 15CDD	3044.	3130.	3130.	3130.	3129.	9
2 36W 18CCB	3082.	3163.	3161.	3162.	3150.	10
2 36W 36BAA	2983.	3103.	3093.	3081.	3077.	11
3 31W 7CBD	2760.	2818.	2814.	2812.	2809.	12
3 31W 23BBB	2730.	2776.	2776.	2777.	2775.	13
3 31W 27DAD	2730.	2771.	2769.	2767.	2768.	14
3 33W 3DCC	2761.	2801.	2802.	2795.	2797.	15
3 33W 8CDC	2803.	2835.	2839.	2835.	2832.	16
3 34W 3ABB	2842.	2870.	2868.		2864.	17
3 34W 26BAC	2860.	2893.	2892.		2889.	18
3 34W 33BCC	2893.	2931.	2931.	2931.	2928.	19
3 35W 24CRB	2951.	2980.	2976.	2972.	2971.	20
3 36W 14CRB	3023.	3144.	3141.	3126.	3123.	21
3 36W 17CCC	3075.	3179.	3180.	3171.	3170.	22
3 36W 28DAA	3024.	3165.	3157.		3151.	23
4 31W 16ABD	2711.	2754.	2753.	2752.	2750.	24
4 31W 25DDD	2723.	2740.	2740.		2739.	25
4 33W 18DDA	2915.	2980.	2980.	2986.	2984.	26
4 33W 28DCA	2888.	2973.	2974.		2968.	27
4 34W 33CBC	2950.	3045.	3043.	3041.	3039.	28
4 35W 6DCD	2992.	3095.	3094.		3087.	29
4 35W 13DAD	2951.	2989.	2987.	2986.	2986.	30
4 35W 29DDD	2995.	3069.	3069.	3064.	3068.	31
4 36W 68BB	3077.	3208.		3177.	3176.	32
4 36W 9CDD	3063.	3180.	3181.	3176.	3174.	33
5 31W 10DDA	2750.	2790.	2780.	2778.	2776.	34
5 31W 20CCA	2797.	2843.	2835.	2829.	2830.	35

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

PAGE 12

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
RAWLINS COUNTY CONTINUED						
5 31W 23DDD	2790.	2832.	2829.	2828.	2829.	36
5 32W 14CDD	2840.	2890.	2889.	2887.	2888.	37
5 33W 29BDA	2927.	3030.	3025.	3024.	3023.	38
5 34W 18BB	2900.	3021.	3023.	3023.	3022.	39
5 34W 28ADC	2960.	3080.	3073.		3072.	40
5 35W 10CDD	2990.	3100.	3101.			41
5 36W 21BCD	3065.	3203.	3204.	3201.	3200.	42

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

PAGE 13

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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RAWLINS COUNTY CONTINUED

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

PAGE 14

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
SHERIDAN COUNTY						
6 27W 3DCD	2492.	2531.	2528.	2528.	2526.	1
6 27W 8DCA	2480.	2567.	2573.	2569.	2567.	2
6 27W 19DAB						3
6 27W 27BCC	2396.	2554.	2562.	2558.	2553.	4
6 28W 10DAA	2565.	2633.	2626.	2626.		5
6 28W 28ADD	2550.	2640.	2641.	2640.	2638.	6
6 28W 30BCC	2575.	2681.	2683.	2681.	2679.	7
6 29W 10DBC	2618.	2707.	2704.	2685.	2683.	8
6 29W 24ABB	2576.	2690.	2685.	2681.	2681.	9
6 29W 33CDA	2621.	2734.	2735.	2725.	2726.	10
6 30W 2BCA	2688.	2770.	2768.	2763.	2761.	11
6 30W 13BAA	2659.	2760.		2751.	2750.	12
6 30W 14CCD	2681.	2789.	2781.	2778.	2776.	13
6 30W 24DDC	2670.	2765.	2766.	2756.		14
7 26W 6AAB	2430.	2509.	2508.	2506.	2506.	15
7 26W 12BAC	2389.	2465.	2467.	2464.	2458.	16
7 26W 15BDD						17
7 26W 19BBC						18
7 26W 28CAB	2391.	2492.	2486.	2483.	2482.	19
7 27W 24BBD	2419.	2525.	2520.	2514.	2512.	20
7 28W 8BDC	2526.	2668.		2657.	2655.	21
7 28W 19BBA	2560.	2688.	2682.	2668.	2665.	22
7 28W 21ABB	2539.	2645.	2643.	2628.	2627.	23
7 28W 36ABA	2492.	2602.	2598.	2592.	2591.	24
7 29W 20BD	2579.	2711.	2702.	2693.	2692.	25
7 29W 21ABB	2620.	2739.	2739.	2722.	2717.	26
7 29W 27CCC						27
7 29W 30ABA	2632.	2774.	2765.	2746.	2740.	28
7 30W 24DDD	2647.	2783.	2774.	2756.	2750.	29
8 26W 14DAA	2332.	2385.	2378.	2384.	2381.	30
8 26W 16CDD	2377.	2424.	2412.	2412.	2410.	31
8 27W 11DCD	2444.	2491.	2495.	2493.	2494.	32
8 27W 33BBD	2504.	2539.	2536.	2537.	2537.	33
8 28W 9ABC	2533.	2647.	2648.	2639.		34
8 29W 1DCB	2583.	2698.	2700.	2688.	2685.	35

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

PAGE 15

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
SHERIDAN COUNTY CONTINUED						
8 29W 29BAA	2621.	2760.	2762.	2753.	2753.	36
8 30W 11CBC	2664.	2818.	2808.	2790.	2785.	37
8 30W 13DAA	2634.	2788.	2781.	2767.	2763.	38
8 30W 30ABC	2728.	2855.	2856.		2848.	39
9 27W 12CCC	2480.	2574.	2571.	2562.	2568.	40
9 27W 19DDD	2545.	2626.	2626.	2623.	2623.	41
9 28W 4BCC	2579.	2659.	2651.	2654.	2651.	42
9 28W 6CCB	2604.	2687.	2684.	2684.	2683.	43
9 28W 31AAC	2623.	2710.	2702.	2695.		44
9 29W 17BAB	2658.	2770.	2770.	2759.	2758.	45
9 29W 26BAA	2653.	2740.	2731.		2727.	46
9 30W 3AAB2	2716.	2815.	2814.	2805.	2801.	47
9 30W 16CDA	2720.	2856.	2837.	2824.		48
9 30W 35BBB	2729.	2824.	2815.	2798.	2804.	49
10 27W 20CBC	2555.	2593.	2591.	2587.	2585.	50
641 10 27W 22DBA	2503.	2558.	2549.		2548.	51
10 28W 5DDB	2616.	2690.	2694.	2693.	2689.	52
10 28W 29DAA	2629.	2669.	2666.	2665.	2665.	53
10 29W 20CCC	2700.	2768.	2769.	2765.	2765.	54
10 30W 8DDD	2744.	2834.	2837.	2832.	2831.	55
10 30W 12ADA	2687.	2785.	2786.	2771.	2776.	56
10 30W 17DAD	2731.	2832.	2833.	2831.	2830.	57

RECORDS OF BEDROCK AND WATER LEVELS
FOR SPECIFIED YEARS IN NORTHWESTERN KANSAS.

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WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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SHERIDAN COUNTY CONTINUED

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

PAGE 17

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
SHERMAN COUNTY						
6 37W 3BCC	3146.	3273.	3267.		3263.	1
6 37W 7BBA	3170.	3299.	3298.		3295.	2
6 37W 16CDD	3196.	3303.	3296.	3291.	3290.	3
6 37W 19ABB	3167.	3326.	3321.	3317.	3316.	4
6 37W 34DCD	3154.	3311.	3304.			5
6 38W 9ABD	3192.	3363.	3359.	3345.	3354.	6
6 38W 20ACC	3236.	3396.	3396.		3394.	7
6 39W 9DDD	3255.	3440.	3442.	3440.	3440.	8
6 40W 10AAC	3300.	3490.	3490.	3481.	3485.	9
6 40W 21AAC	3347.	3519.				10
6 40W 30DCC	3392.	3559.	3564.	3558.	3558.	11
6 40W 35BCC	3330.	3523.	3525.	3519.	3517.	12
6 41W 1ABB	3379.	3525.	3518.	3515.	3513.	13
6 41W 9BCB	3430.	3580.	3582.		3573.	14
6 41W 19DBD	3467.	3630.	3622.	3617.	3614.	15
6 41W 27DBD	3416.	3600.	3599.	3585.	3585.	16
6 42W 2AAA	3500.	3598.	3595.	3588.	3584.	17
6 42W 8CBB	3537.	3658.	3640.	3636.	3632.	18
6 42W 22DCC	3522.	3660.	3654.	3645.	3645.	19
6 42W 30ADA	3562.	3695.	3687.	3679.	3676.	20
7 37W 4BBC	3185.	3333.		3321.	3319.	21
7 37W 5CCB	3178.	3348.	3342.	3339.	3338.	22
7 37W 17BDA	3183.	3350.	3342.	3340.	3339.	23
7 38W 16BAA	3233.	3411.	3408.	3403.	3400.	24
7 39W 9BBB	3294.	3483.	3484.	3479.	3476.	25
7 39W 24BAA	3287.	3450.	3453.	3442.	3442.	26
7 39W 30CCB	3290.	3530.	3525.	3509.	3508.	27
7 40W 6ADB	3379.	3570.	3573.	3563.	3561.	28
7 40W 29BBA	3420.	3587.	3586.	3576.	3573.	29
7 40W 35BBB	3395.	3548.	3547.	3531.	3525.	30
7 40W 36BAB	3322.	3538.	3533.	3517.	3513.	31
7 41W 10BRA	3440.	3629.		3617.	3614.	32
7 41W 16ADC	3458.	3645.	3640.	3633.	3627.	33
7 41W 28DBB	3494.	3663.	3663.	3654.	3652.	34
7 42W 7DAA	3583.	3740.	3739.	3716.	3714.	35

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

PAGE 18

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
SHERMAN COUNTY CONTINUED						
7 42W 17CCC	3601.	3745.	3746.	3735.	3732.	36
7 42W 27AAB	3541.	3720.	3721.	3707.	3704.	37
8 37W 3ADB	3203.	3350.	3332.	3327.	3326.	38
8 37W 6ADB	3242.	3382.	3373.	3370.	3369.	39
8 37W 21CCC	3266.	3376.	3375.	3362.	3357.	40
8 37W 28ABC	3244.	3372.	3370.	3354.	3343.	41
8 37W 32ABB	3252.	3385.	3388.	3376.	3374.	42
8 38W 17CDD	3310.	3460.	3461.	3450.	3449.	43
8 38W 24AAB	3253.	3403.	3402.	3398.	3397.	44
8 38W 28ACC	3356.	3453.	3455.	3446.	3444.	45
8 39W 2BAA	3316.	3473.	3476.	3459.	3454.	46
8 39W 15CCC	3370.	3515.	3507.	3486.	3485.	47
8 39W 17DCD	3372.	3520.	3511.	3494.	3490.	48
8 39W 27AAB	3352.	3505.	3502.	3480.	3476.	49
8 39W 28CAB	3372.	3530.	3516.	3500.	3498.	50
8 40W 12DBA	3380.	3550.	3537.	3515.	3508.	51
8 40W 17CDB	3450.	3625.	3619.	3603.	3603.	52
8 40W 20CBC3	3453.	3633.	3630.	3607.	3602.	53
8 40W 20CCC	3439.	3636.	3636.	3608.	3605.	54
8 40W 20DAA	3452.	3623.	3612.	3604.	3600.	55
8 40W 24AAA	3402.	3558.	3543.	3516.	3513.	56
8 40W 25AAC	3411.	3568.	3543.	3524.	3521.	57
8 40W 35CCB	3460.	3600.	3602.	3578.	3575.	58
8 41W 17CBA	3543.	3714.	3714.		3694.	59
8 41W 25BBC	3490.	3660.	3658.	3647.	3644.	60
8 42W 4BRC	3592.	3763.	3760.	3731.		61
8 42W 15DDB	3585.	3761.	3760.	3742.	3734.	62
8 42W 19ABB	3619.	3805.	3799.	3769.	3764.	63
8 42W 29ACB	3675.	3803.	3804.	3786.	3782.	64
8 42W 31DCD	3665.	3822.	3814.	3801.	3797.	65
8 42W 34DCB	3649.	3790.	3789.	3770.	3766.	66
9 38W 11DDD	3390.	3436.	3435.			67
9 38W 13BCC	3348.	3436.			3435.	68
9 39W 17BBA	3461.	3571.		3547.		69
9 39W 19CCC	3450.	3590.		3566.	3562.	70

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

PAGE 19

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
SHERMAN COUNTY CONTINUED						
9 40W 8CCB	3522.	3650.		3629.	3625.	71
9 40W 8CDB	3515.	3650.	3650.	3625.	3621.	72
9 40W 13CDC	3462.	3599.	3597.	3571.	3564.	73
9 40W 27CDC	3440.	3629.	3626.	3603.	3600.	74
9 40W 29BBB	3536.	3660.	3663.	3637.	3638.	75
9 41W 5DCC	3595.	3732.	3724.	3706.	3702.	76
9 41W 11DCB	3526.	3690.	3687.		3660.	77
9 41W 14BBC	3538.	3701.		3674.	3668.	78
9 41W 28AAA	3564.	3730.	3720.	3698.	3699.	79
9 41W 32AAA	3579.	3753.	3752.	3736.	3728.	80
9 41W 34BAB	3551.	3730.	3727.	3708.		81
9 42W 8AAA	3672.	3823.	3812.	3793.	3790.	82
9 42W 11CCC	3649.	3798.	3788.	3759.	3757.	83
9 42W 14AAA	3610.	3785.	3770.	3743.	3739.	84
9 42W 16CDD2	3652.	3829.	3826.	3809.		85
9 42W 35ABB	3648.	3814.	3813.	3785.	3779.	86
10 37W 23ABB	3132.	3250.	3247.	3233.		87
10 40W 6BBB	3480.	3690.	3690.	3661.		88
10 40W 10ADC	3556.	3612.	3608.	3608.	3607.	89
10 41W 15CAD	3645.	3750.	3750.	3746.		90
10 42W 21BBB	3740.	3890.	3878.	3866.	3863.	91
10 42W 24BRA	3699.	3830.	3819.	3812.	3808.	92

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

PAGE 20

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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SHERMAN COUNTY CONTINUED

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

PAGE 21

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
THOMAS COUNTY						
6 31W 3ADB	2765.	2848.	2842.	2834.	2838.	1
6 31W 33CCD	2785.	2898.	2906.	2890.	2888.	2
6 32W 12CBC	2810.	2905.	2906.	2904.	2904.	3
6 32W 29CDC	2873.	2964.	2966.	2959.	2953.	4
6 33W 27AAD	2891.	3005.	3008.			5
6 33W 32DBB	2955.	3052.	3044.			6
6 34W 10DD		3042.				7
6 34W 10DDA	2977.	3068.	3072.	3065.	3061.	8
6 34W 11CDD	2965.	3060.	3062.	3056.	3054.	9
6 34W 17CBC	3003.	3110.	3110.	3107.	3105.	10
6 35W 2CDD	2995.	3128.	3118.	3117.	3116.	11
6 35W 26ACB	3045.	3149.	3150.	3149.	3148.	12
6 36W 6BCD	3085.	3234.	3230.	3224.		13
6 36W 11ACC	3080.	3192.	3199.	3194.	3194.	14
6 36W 30DCB	3110.	3265.	3270.	3266.	3265.	15
6 36W 34DDB	3088.	3235.	3240.	3229.	3235.	16
7 31W 1DCA	2710.	2848.	2855.	2851.	2849.	17
7 31W 26CCC	2755.	2885.	2885.	2877.	2874.	18
7 32W 7ACA	2910.	2988.	2993.	2983.	2981.	19
7 32W 13AAA	2803.	2935.	2936.	2925.	2923.	20
7 33W 7BDA	2949.	3062.	3054.	3049.	3049.	21
7 33W 21DBC	2931.	3030.	3037.	3030.	3029.	22
7 33W 35ADD	2893.	3014.	3014.		3000.	23
7 34W 8BBB	3020.	3130.	3129.	3124.	3126.	24
7 34W 25AAA	2927.	3061.	3061.	3057.	3055.	25
7 34W 26DBD	2947.	3073.	3073.	3069.	3069.	26
7 35W 10CCC	3045.	3180.	3184.	3174.	3175.	27
7 36W 17CCC	3150.	3278.	3283.	3277.	3276.	28
7 36W 35CBB	3120.	3259.	3259.	3255.	3254.	29
8 31W 20CDD	2806.	2928.	2925.	2914.	2918.	30
8 32W 7BAA	2830.	3004.	3003.	2999.	2990.	31
8 32W 12DBC	2840.	2947.	2949.	2946.	2951.	32
8 32W 27DAB	2850.	2966.	2968.	2969.	2968.	33
8 33W 2CDD	2870.	3020.	3017.	3007.	3005.	34
8 33W 7AAB	2950.	3050.	3051.	3039.	3024.	35

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

PAGE 22

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
THOMAS COUNTY CONTINUED						
8 33W 34BBC	2971.	3038.	3038.	3027.	3029.	36
8 34W 18AC	2909.	3066.	3063.	3058.	3058.	37
8 34W 6CBC	3039.	3136.	3131.	3129.	3128.	38
8 34W 23CBD	2997.	3070.	3077.	3068.	3066.	39
8 36W 18ABA2	3195.	3303.	3306.	3304.	3303.	40
9 31W 10BBB	2822.	2914.	2916.	2912.	2914.	41
9 31W 22ABD	2799.	2907.	2913.	2913.	2907.	42
9 31W 36AAB	2804.	2883.	2882.		2876.	43
9 32W 9BDA	2870.	2985.	2976.	2976.	2975.	44
9 32W 27BCD	2869.	2979.	2978.	2965.	2964.	45
9 33W 7BBB	2925.	3064.	3065.	3053.	3052.	46
9 33W 14AAB	2907.	3024.	3024.			47
9 33W 15ACC	2887.	3035.	3036.	3024.	3020.	48
9 33W 30CAA	2936.	3055.	3040.	3028.	3023.	49
9 33W 31CDB	2874.	3053.	3044.	3021.	3014.	50
9 33W 35AAD	2895.	3020.	3016.	3004.	3001.	51
9 35W 32DAA	3126.	3179.	3173.	3173.	3173.	52
10 31W 26AAA	2860.	2880.	2886.	2882.	2883.	53
10 31W 29AAB	2814.	2915.	2915.	2912.	2910.	54
10 32W 4CAB	2877.	2985.	2988.	2980.	2977.	55
10 32W 11BAA	2901.	2962.	2967.	2963.	2962.	56
10 32W 29DCB	2880.	2986.	2984.	2975.	2974.	57
10 33W 3DRC	2891.	3025.	3018.	3008.	2994.	58
10 33W 6BBC	2876.	3055.		3017.	3013.	59
10 33W 19CBD	2995.	3061.	3062.	3058.	3057.	60
10 33W 27BBB	2967.	3032.	3027.		3021.	61
10 34W 1ABA	2896.	3059.	3049.	3024.	3020.	62
10 34W 12BCD	2923.	3063.	3051.	3043.	3046.	63
10 34W 14BCC	3028.	3084.	3080.	3080.	3080.	64
10 36W 7ACC		3250.		3235.	3233.	65
10 36W 36ACC	3160.	3195.	3190.		3187.	66

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

PAGE 23

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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THOMAS COUNTY CONTINUED

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

PAGE 24

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
WALLACE COUNTY						
11 38W 35CCC2	3183.	3291.	3296.	3241.	3233.	1
11 42W 8DDC	3789.	3855.		3847.	3846.	2
13 42W 10BAC	3720.					3

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

PAGE 25

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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WALLACE COUNTY CONTINUED

Table 3.--Altitude of bedrock and water levels for specified years, in
west-central Kansas.

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

PAGE 1

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
GREELEY COUNTY						
16 39W 2BDC	3300.	3439.		3403.	3400.	1
16 39W 4BAB	3345.	3470.			3422.	2
16 39W 15CBB	3378.	3445.			3417.	3
16 39W 18BRC	3409.	3491.	3484.	3470.	3467.	4
16 39W 22DCB	3366.	3434.	3440.		3407.	5
16 39W 25CBB	3338.	3405.	3412.	3390.	3391.	6
16 40W 2ABA	3412.	3522.	3514.	3491.	3487.	7
16 40W 6BAA	3437.	3575.	3563.	3547.	3543.	8
16 40W 15ACC	3458.	3536.	3530.	3511.	3506.	9
16 40W 18DBA	3474.	3570.	3564.	3544.	3540.	10
16 40W 26ADA	3445.	3509.			3494.	11
16 40W 35BBA	3472.	3521.	3524.	3502.	3501.	12
16 41W 5BBB	3495.	3617.		3582.	3579.	13
16 41W 20BAD	3505.	3610.	3608.	3586.	3590.	14
16 41W 23BBD	3484.	3586.			3557.	15
16 41W 33AAB	3544.	3590.		3586.	3585.	16
16 42W 10CBC	3590.	3646.			3621.	17
16 42W 22BCB	3591.	3645.	3630.	3634.	3632.	18
17 39W 6CCD	3403.	3449.		3443.	3448.	19
17 39W 14ADD	3300.	3395.			3388.	20
17 39W 19DBB	3391.	3448.		3444.	3443.	21
17 39W 22ABB	3332.	3409.	3404.	3404.	3403.	22
17 39W 34CCB	3370.	3410.			3410.	23
17 40W 4DCB	3459.	3494.	3489.	3469.	3478.	24
17 40W 15CCB	3398.	3484.	3480.	3474.	3472.	25
17 40W 17BBA	3446.	3498.			3480.	26
17 40W 31BBA	3445.	3512.	3495.	3485.	3475.	27
17 41W 1AAD	3525.	3550.	3553.	3552.	3552.	28
17 42W 27CBB	3707.	3737.		3729.	3728.	29
18 39W 7BBD	3419.	3455.		3439.	3439.	30
18 39W 19CDA	3410.				3440.	31
18 39W 23CCB	3300.	3372.	3363.	3354.	3354.	32
18 39W 24AAC	3284.	3362.			3328.	33
18 40W 4CBD	3455.	3491.	3485.	3484.	3483.	34
18 40W 6BBA	3455.	3519.			3498.	35

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

PAGE 2

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
GREELEY COUNTY CONTINUED						
20 40W 24AAA	3337.	3345.	3347.	3352.		36

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

PAGE 3

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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GREELEY COUNTY CONTINUED

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

PAGE 4

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
LANE COUNTY						
16 29W 26CCD	2663.	2713.	2714.	2705.	2703.	1
16 30W 24DCC	2710.	2731.		2724.	2723.	2
16 30W 29CDD	2710.	2763.		2761.	2760.	3
16 30W 34DAB	2685.	2741.			2739.	4
17 27W 20CCC	2590.	2633.		2622.	2621.	5
17 27W 26CCC	2551.	2598.		2583.	2582.	6
17 28W 7BBB	2615.	2702.		2693.	2692.	7
17 28W 15BRC	2610.	2676.		2659.	2658.	8
17 28W 26ABB	2595.	2650.	2647.	2637.	2635.	9
17 28W 34CBB	2615.	2669.			2656.	10
17 29W 38DC	2660.	2714.			2706.	11
17 29W 6CCB	2665.	2735.		2723.	2722.	12
17 29W 28DCD	2687.	2742.			2736.	13
17 29W 36BAA	2665.	2714.		2704.	2704.	14
17 30W 5AAC	2702.	2769.			2762.	15
17 30W 13CBB	2695.	2762.	2762.	2760.	2759.	16
17 30W 20BBB	2724.	2802.			2793.	17
17 30W 22ACA	2710.	2783.			2777.	18
18 27W 13CCC	2579.	2586.	2588.	2587.		19
18 28W 18ACC	2669.	2713.		2701.	2697.	20
18 29W 4DAD	2691.	2745.		2737.	2736.	21
18 30W 2AAA	2725.	2781.		2768.	2766.	22
18 30W 4BAB	2747.	2803.			2802.	23
18 30W 23AAA	2731.				2783.	24

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

PAGE 5

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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LANE COUNTY CONTINUED

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

PAGE 6

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
SCOTT COUNTY						
16 31W 17DDD	2770.	2813.		2811.		1
16 31W 23CCC	2732.	2786.			2772.	2
16 31W 31BCB	2790.	2831.	2830.	2824.	2819.	3
16 32W 23BCD	2805.	2840.	2835.	2833.	2827.	4
16 33W 7CCC	2906.	2969.	2955.	2945.	2944.	5
16 33W 19CBB	2905.	2973.	2956.	2941.	2940.	6
16 33W 21BCC	2890.	2933.	2926.		2915.	7
16 33W 24DAB	2797.	2849.	2845.	2843.	2844.	8
16 33W 25BCC	2795.	2874.		2868.	2869.	9
16 33W 31CBB	2895.	2981.	2969.		2955.	10
16 33W 33BAA	2872.	2936.		2922.	2921.	11
16 34W 9CCB	2965.	3028.	3012.	2999.	2998.	12
16 34W 13BCB	2923.	2981.			2955.	13
16 34W 20DRC	2960.	3032.	3019.	2998.	2995.	14
16 34W 22BDC	2932.	3015.	2991.	2973.	2972.	15
16 34W 29CBB	2960.	3041.	3026.	3006.	3005.	16
16 34W 31BBB2	2972.	3052.		3018.		17
16 34W 34CBB	2945.	3021.	3006.	2985.	2982.	18
17 31W 4DCC	2762.	2815.			2810.	19
17 31W 14CCD	2750.	2820.			2811.	20
17 31W 17DAA	2759.	2838.	2839.	2834.	2832.	21
17 31W 25BCC	2744.	2826.	2824.	2817.		22
17 31W 31BBB	2780.	2871.		2854.	2853.	23
17 31W 35CCB	2778.	2839.			2830.	24
17 32W 5ABB	2776.	2877.	2874.			25
17 32W 11DAA	2805.	2854.		2845.		26
17 32W 16BBB	2749.	2892.			2860.	27
17 32W 27BBB	2810.	2895.	2883.	2863.	2860.	28
17 32W 31BCB	2739.	2916.	2895.	2876.	2873.	29
17 32W 34CAA	2818.	2892.	2878.	2862.	2858.	30
17 33W 7BBB	2891.	2981.	2958.	2949.	2948.	31
17 33W 13DDD	2749.	2911.			2872.	32
17 33W 14ACB	2800.	2921.		2888.	2886.	33
17 33W 16ARC	2862.	2949.	2929.	2914.	2913.	34
17 33W 28CDA	2845.	2951.	2935.	2917.	2909.	35

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

PAGE 7

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
SCOTT COUNTY CONTINUED						
17 34W 6BCB	2969.	3055.	3044.	3029.	3028.	36
17 34W 16ACB	2940.	3027.	3022.	3014.	3012.	37
17 34W 25DBB	2903.	2989.	2977.	2966.	2961.	38
17 34W 27ABA	2925.	3011.			2994.	39
17 34W 28CCB	2954.	3040.	3030.	3017.	3014.	40
18 31W 20ABA	2815.	2870.		2872.	2869.	41
18 31W 24BCB				2841.	2838.	42
18 31W 27ABA	2825.				2860.	43
18 32W 1488B	2805.	2895.	2882.	2867.	2870.	44
18 32W 17ABA	2830.	2908.	2892.	2874.	2870.	45
18 32W 20CBB	2779.	2915.	2899.	2877.	2875.	46
18 33W 3CCB	2826.	2937.	2925.	2893.	2894.	47
18 33W 5CCC	2922.	2966.	2956.	2949.	2938.	48
18 33W 11ABB	2782.	2926.			2878.	49
18 33W 20CCD	2917.	2965.	2945.	2938.	2936.	50
18 33W 26DAD2	2784.	2922.	2905.	2887.	2884.	51
18 33W 34BDA	2837.	2933.				52
18 33W 35AAA	2795.	2922.	2909.	2887.	2884.	53
18 34W 1CBB	2928.	2998.	2986.	2974.	2978.	54
18 34W 5CBB	2980.	3060.			3039.	55
18 34W 9CDD2	2970.	3043.		3031.	3028.	56
18 34W 1888B	3014.	3075.	3061.		3047.	57
18 34W 2588D	2960.	3002.	2996.	2985.	2977.	58
18 34W 30DDC	3009.	3071.	3055.	3033.		59
18 34W 34B8C	2970.	3040.	3029.	3016.		60
19 31W 20BAD				2900.	2905.	61
19 32W 6CCB	2738.	2916.		2887.	2884.	62
19 32W 32ACB	2780.	2915.		2904.	2901.	63
19 33W 6DBB	2904.	2962.		2954.	2954.	64
19 33W 12DDC	2739.	2914.	2909.	2895.	2893.	65
19 33W 15DRD	2832.	2908.	2893.		2863.	66
19 33W 21AAD	2840.	2907.			2859.	67
19 33W 24ABB	2730.	2913.	2902.	2890.	2890.	68
19 33W 25DCD	2739.	2911.	2893.	2873.	2872.	69
19 33W 29CBB2	2820.	2918.	2893.	2876.	2868.	70

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

PAGE 8

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
SCOTT COUNTY CONTINUED						
19 33W 34DCC	2800.	2912.	2883.	2870.	2868.	71
19 34W 16AAD	2985.	3015.		3011.	3010.	72
19 34W 348BB	2948.	2972.				73
20 31W 14CBC	2773.				2836.	74
20 32W 7CRA	2735.	2906.		2869.	2864.	75
20 32W 16DAD	2800.	2898.		2849.		76
20 32W 218BC	2781.	2894.	2864.			77
20 32W 30BCD	2730.	2892.			2843.	78
20 32W 32DCC	2745.	2883.	2871.	2851.	2841.	79
20 33W 2DBB	2800.	2905.	2878.	2863.	2861.	80
20 33W 5BAB	2860.	2918.			2873.	81
20 33W 98BB	2845.	2913.	2888.	2881.	2879.	82
20 33W 10DBC	2780.	2907.		2851.	2851.	83
20 33W 17BAB	2842.	2912.	2889.	2867.	2865.	84
20 33W 21ABD	2810.	2909.	2906.		2846.	85
20 33W 26CBB3	2785.	2895.			2844.	86
20 33W 35DBA	2782.	2889.	2876.	2853.	2844.	87
20 34W 2DBC	2906.	2945.	2941.	2936.	2935.	88
20 34W 15BAA	2922.				2958.	89
20 34W 36CCD	2855.	2909.		2880.	2882.	90

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

PAGE 9

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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SCOTT COUNTY CONTINUED

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

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WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
WALLACE COUNTY						
13 43W 36ABB	3624.	3745.	3745.	3729.	3726.	1
14 38W 21DCC	3444.	3456.	3458.	3456.	3457.	2
14 38W 29CCC	3392.	3460.		3452.	3451.	3
14 39W 36BCB	3389.	3472.	3459.	3442.	3440.	4
14 40W 16CBC	3494.	3562.	3565.			5
14 40W 23ADD	3425.	3527.	3521.	3489.	3496.	6
14 40W 29ABA	3472.	3565.		3545.	3545.	7
14 41W 18DCB	3391.	3672.			3644.	8
14 41W 22BBB	3511.	3645.	3643.	3621.	3619.	9
14 41W 28DCA	3346.	3648.		3617.	3613.	10
14 41W 30DDC	3530.	3667.			3626.	11
14 42W 2AAB	3438.	3695.	3687.	3675.	3670.	12
14 42W 10BRA	3435.	3705.			3674.	13
14 42W 14DBD	3396.	3695.	3679.	3662.	3664.	14
14 42W 22BDD	3399.	3698.		3673.	3670.	15
14 42W 30BCA	3494.	3725.	3720.	3704.	3695.	16
15 38W 5CCB	3387.	3455.			3430.	17
15 38W 7BBB	3373.	3461.	3445.	3417.	3423.	18
15 38W 14CCD	3336.	3416.	3405.	3385.	3387.	19
15 38W 18CCC	3372.	3458.			3410.	20
15 38W 21CBC	3333.	3428.	3410.	3378.	3386.	21
15 38W 28DBB	3300.	3420.	3396.	3368.	3363.	22
15 38W 30CCB	3307.	3454.	3430.	3404.	3400.	23
15 38W 36CBB	3308.	3385.	3380.	3353.	3351.	24
15 39W 2BCD	3390.	3476.	3460.	3435.	3432.	25
15 39W 6CBA	3402.	3519.	3506.	3476.	3478.	26
15 39W 8ACC	3401.	3510.	3493.	3469.	3465.	27
15 39W 15DBA	3386.	3481.		3434.	3437.	28
15 39W 26ACC	3322.	3471.	3449.	3427.	3424.	29
15 39W 28BBB	3365.	3500.	3489.	3465.	3463.	30
15 40W 3BAB	3382.	3550.	3551.	3525.	3527.	31
15 40W 7BBB	3446.	3589.	3589.	3570.	3565.	32
15 40W 9DCB	3392.	3568.	3562.	3540.	3536.	33
15 40W 13BAA	3400.	3538.	3530.	3503.	3503.	34
15 40W 14CCC	3377.	3554.		3523.	3523.	35

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

PAGE 11

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
WALLACE COUNTY CONTINUED						
15 40W 20BBD	3403.	3580.			3552.	36
15 40W 26CAB	3401.	3546.	3544.	3526.	3523.	37
15 40W 30DBB	3429.	3585.	3579.	3558.		38
15 41W 5ACB	3559.	3658.	3647.	3625.	3620.	39
15 41W 10BAB	3523.	3630.	3623.	3602.	3598.	40
15 41W 27CBC	3485.	3605.		3575.	3573.	41
15 41W 29CAC	3555.	3625.			3582.	42
15 41W 36DDB	3430.	3591.	3582.	3565.	3561.	43
15 42W 2BBB	3629.	3695.	3687.	3668.	3660.	44
15 42W 9BDD		3710.	3705.	3694.	3692.	45
15 42W 16ADC	3700.	3710.	3709.	3702.		46
15 42W 32BDA	3630.	3685.	3667.	3654.	3658.	47
15 42W 36CDC	3574.	3650.	3630.	3607.	3605.	48

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

PAGE 12

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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WALLACE COUNTY CONTINUED

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

PAGE 13

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
WICHITA COUNTY						
16 35W 10CD	3022.	3053.	3051.	3046.	3045.	1
16 35W 6AAB	3090.	3137.	3126.		3125.	2
16 35W 13CCC	3010.	3062.	3053.	3035.	3031.	3
16 35W 20CCC	3042.	3128.	3106.	3082.	3077.	4
16 35W 27BRC	3036.	3095.	3080.	3056.	3049.	5
16 35W 31DBA	3038.	3133.	3115.	3094.	3090.	6
16 36W 3DCC	3129.	3180.		3150.	3147.	7
16 36W 7BCB	3179.	3239.	3227.	3216.	3212.	8
16 36W 14CCD	3059.	3175.	3148.	3133.	3126.	9
16 36W 17ARC	3140.	3214.	3199.	3172.	3169.	10
16 36W 21CCC	3090.	3211.	3195.	3160.	3156.	11
16 36W 25BBB	3055.	3162.	3136.	3118.	3112.	12
16 36W 30CBC	3101.	3232.	3210.	3181.	3177.	13
16 36W 34CCC	3088.	3185.	3173.	3154.	3150.	14
16 36W 35CCC	3064.	3170.	3159.	3140.	3136.	15
16 36W 36CBC	3046.	3155.	3141.	3123.	3121.	16
16 37W 4DCC	3231.	3300.			3263.	17
16 37W 13BRC	3180.	3253.	3238.	3213.	3210.	18
16 37W 15CCC	3165.	3286.	3262.	3235.	3229.	19
16 37W 17BBB	3205.	3313.	3298.		3265.	20
16 37W 27ARC	3150.	3272.	3248.	3221.	3217.	21
16 37W 29BBB	3175.	3308.	3290.	3256.	3250.	22
16 37W 30ACB	3200.	3312.	3288.	3260.	3255.	23
16 38W 5BBB	3275.	3410.	3393.	3360.	3356.	24
16 38W 10ABB	3250.	3375.	3362.	3327.	3324.	25
16 38W 16ACC	3238.	3379.	3363.	3329.	3326.	26
16 38W 19BBA	3302.	3402.			3367.	27
16 38W 26BBB	3227.	3349.	3312.	3298.	3283.	28
16 38W 29ADB	3278.	3378.	3366.	3338.	3335.	29
17 35W 28BB	3000.	3080.			3044.	30
17 35W 15CDC	2990.	3096.	3084.	3064.	3068.	31
17 35W 18ACB	3031.	3129.	3115.	3097.	3092.	32
17 35W 27CCC	2985.	3104.	3085.	3055.	3054.	33
17 35W 30CBB	3017.	3141.	3108.	3084.	3081.	34
17 36W 5CCD	3112.	3204.	3187.	3164.	3158.	35

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

PAGE 14

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
WICHITA COUNTY CONTINUED						
17 36W 10CBB	3105.	3173.		3155.	3153.	36
17 36W 20DDB	3097.	3193.	3184.	3165.	3161.	37
17 36W 23BCC	3030.	3158.	3133.	3111.	3105.	38
17 36W 33BCB	3078.	3188.	3173.	3151.	3149.	39
17 36W 36BBB	3030.	3152.	3121.	3099.	3093.	40
17 37W 3AAB	3165.	3260.	3245.	3222.	3218.	41
17 37W 8BAA	3178.	3290.	3273.	3256.	3253.	42
17 37W 13CDD	3125.	3230.		3206.	3203.	43
17 37W 22CCC	3156.	3259.	3247.	3224.	3226.	44
17 37W 28CCC	3170.	3275.	3262.	3237.	3234.	45
17 38W 1BAA	3214.	3314.	3291.	3279.	3277.	46
17 38W 6BDD	3329.	3388.	3387.		3373.	47
17 38W 10AAB	3205.	3332.		3305.	3302.	48
17 38W 12DCB	3206.	3309.	3304.	3286.	3285.	49
17 38W 21BBB	3281.	3346.	3346.	3330.	3327.	50
17 38W 24ACC	3184.	3308.	3290.	3271.		51
17 38W 27ACD	3246.	3325.		3297.	3289.	52
17 38W 28CCC	3256.	3341.	3332.	3313.	3309.	53
18 35W 2ACC	3008.	3090.	3074.			54
18 35W 8BRC2	3031.	3135.		3089.	3079.	55
18 35W 14DCD	3049.	3091.	3080.	3064.	3056.	56
18 35W 17DAA	3060.	3122.		3080.	3081.	57
18 35W 34ABB	3049.	3107.	3094.		3072.	58
18 36W 2DCB	3053.	3161.	3147.	3129.	3128.	59
18 36W 9BBB	3085.	3199.	3179.	3156.	3153.	60
18 36W 15DAD	3070.	3175.		3156.	3152.	61
18 36W 18DDC	3121.	3213.	3205.	3175.	3172.	62
18 36W 29ABB	3114.	3200.	3193.		3165.	63
18 36W 36CCC	3099.	3149.	3149.	3144.	3143.	64
18 37W 18BB	3141.	3235.	3207.	3186.	3182.	65
18 37W 3CCC	3151.	3262.		3216.	3211.	66
18 37W 5CBB	3181.	3288.		3239.	3230.	67
18 37W 14BBB	3131.	3248.			3186.	68
18 37W 19AAD	3203.	3284.	3261.	3233.	3224.	69
18 37W 21BBB	3185.	3275.	3246.	3213.	3206.	70

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

PAGE 15

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
WICHITA COUNTY CONTINUED						
18 37W 34BRB	3190.	3258.	3249.	3231.	3229.	71
18 37W 36ABB	3146.	3225.	3212.	3200.	3198.	72
18 38W 2BCC	3215.	3319.	3298.	3275.	3271.	73
18 38W 88BD	3250.	3350.		3317.	3313.	74
18 38W 12BCC	3199.	3310.	3284.	3256.	3251.	75
18 38W 20ACC2	3271.	3350.	3331.	3311.	3309.	76
18 38W 23BAB	3232.	3317.		3289.	3287.	77
18 38W 31DBC	3302.	3341.	3341.	3334.	3327.	78
18 38W 36DDD	3245.	3296.	3292.	3293.	3292.	79
19 35W 1AAA	3031.	3082.	3065.	3051.	3045.	80
19 35W 88RB	3082.				3123.	81
19 35W 29BCB		3107.		3104.	3103.	82
19 36W 15BAA	3124.	3165.		3159.	3159.	83
19 37W 22AAB	3192.	3232.			3218.	84
19 38W 14AAB	3243.	3308.			3302.	85
19 38W 18DCC	3276.	3336.		3333.	3323.	86
19 38W 26CCB	3235.	3312.		3303.		87
19 38W 31CRC	3258.	3323.		3324.	3324.	88
20 35W 15BCC	3032.	3054.	3056.	3059.	3055.	89
20 36W 14DAD	3117.	3131.	3131.	3126.	3124.	90
20 37W 29DCC	3220.	3261.		3245.	3242.	91
20 38W 17CBD	3210.	3307.		3302.	3295.	92
20 38W 33BRA	3219.	3298.	3290.	3285.		93

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

PAGE 16

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1950 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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WICHITA COUNTY CONTINUED

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Table 3.--Altitude of bedrock and water levels for specified years, in
southwestern Kansas.

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

PAGE 1

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
FINNEY COUNTY						
21 29W 36CCB	2588.	2594.	2593.	2591.	2590.	1
21 30W 58BB	2785.	2828.	2834.	2826.	2825.	2
21 31W 8ABB	2830.	2848.	2854.	2857.	2856.	3
21 32W 8ABD	2760.	2874.	2869.	2840.	2828.	4
21 32W 20CBD	2698.	2867.	2853.	2827.	2825.	5
21 32W 26DAA	2775.	2850.	2847.	2846.	2841.	6
21 33W 2ACB	2749.	2883.	2871.	2845.	2841.	7
21 33W 7DDA	2823.	2885.	2870.	2857.	2851.	8
21 33W 31CBB2	2808.	2878.	2876.	2876.	2832.	9
21 34W 14DBB			2878.	2854.	2842.	10
21 34W 16AAD2	2861.	2901.	2886.	2874.	2883.	11
22 27W 14ADC				2285.	2281.	12
22 31W 12CDC2	2761.	2813.	2811.	2804.	2807.	13
22 31W 16ADD	2723.	2820.	2818.	2809.	2806.	14
22 31W 35ABB	2728.	2805.	2797.	2782.	2784.	15
22 32W 8ACB	2660.	2851.	2844.	2825.	2818.	16
22 32W 21CCD	2705.	2845.	2837.	2813.	2803.	17
22 33W 3DBC	2705.	2870.	2870.	2833.	2824.	18
22 33W 17ACC				2833.	2827.	19
22 33W 17DCD2	2761.	2869.	2860.	2812.	2802.	20
22 33W 22BAA	2710.	2860.	2853.	2819.	2820.	21
22 33W 32CBC	2660.	2870.	2841.	2802.	2780.	22
22 33W 36AAA2	2660.	2846.	2838.	2815.	2798.	23
22 34W 8BCB			2878.		2840.	24
22 34W 10AAA	2780.	2890.	2874.	2838.	2830.	25
22 34W 26ADD	2725.	2885.	2856.	2818.	2801.	26
22 34W 32BCB	2748.	2915.	2889.	2849.	2835.	27
23 27W 12CCC	2546.	2559.	2555.	2556.	2556.	28
23 27W 22DAB				2570.		29
23 28W 22DCD				2657.	2648.	30
23 28W 34DDC				2661.	2649.	31
23 29W 30BRB				2718.	2717.	32
23 29W 34CDD	2625.	2688.	2688.	2689.	2685.	33
23 30W 4CAC				2774.		34
23 30W 19CCB	2720.	2773.	2780.	2780.	2779.	35

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

PAGE 2

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
FINNEY COUNTY CONTINUED						
23 31W 3DCC	2710.	2805.	2794.	2782.	2778.	36
23 31W 35CCC	2675.	2780.	2778.	2771.	2768.	37
23 32W 11ADC	2700.	2825.	2819.	2809.	2805.	38
23 32W 18BCD	2588.	2843.	2832.	2808.	2774.	39
23 32W 19CB	2540.	2840.	2831.	2804.	2765.	40
23 32W 22DAB	2650.	2823.	2814.		2787.	41
23 32W 31CA	2552.	2835.	2827.		2782.	42
23 32W 35DBA	2625.	2812.	2800.	2786.	2774.	43
23 33W 10DCC	2575.	2855.	2842.	2809.	2763.	44
23 33W 17BBB	2564.	2878.	2844.	2784.	2763.	45
23 33W 26ARB	2563.	2848.	2840.	2815.	2759.	46
23 33W 28CDC	2565.	2858.	2843.	2806.	2782.	47
23 33W 32ABB	2560.	2861.	2845.	2816.	2802.	48
23 34W 10CD	2597.	2885.	2849.	2797.	2771.	49
23 34W 38CB	2649.	2902.	2876.	2827.	2812.	50
621 23 34W 9DBB	2618.	2911.	2887.	2848.	2824.	51
23 34W 14BDC	2610.	2901.	2877.	2824.	2796.	52
23 34W 17CCC	2625.	2928.	2904.	2872.	2845.	53
23 34W 21DDC	2605.	2920.	2889.		2831.	54
23 34W 26CCC	2608.	2898.	2879.	2850.	2829.	55
23 34W 28CDA	2601.	2919.	2894.		2842.	56
24 31W 11DBD	2641.	2768.	2767.	2756.	2756.	57
24 31W 27CCB	2588.	2769.	2763.	2760.		58
24 31W 31BCD	2560.	2784.	2785.		2780.	59
24 32W 3DAC	2582.	2811.	2800.	2790.	2787.	60
24 32W 58CB	2560.	2828.	2824.			61
24 32W 25CBB2	2570.	2791.		2788.	2786.	62
24 32W 29AC	2555.	2815.	2821.	2807.	2803.	63
24 32W 35DD	2555.	2790.	2784.	2778.	2776.	64
24 33W 9AAA2	2540.	2849.	2844.	2833.		65
24 33W 14BCB					2826.	66
24 33W 21CAB	2500.	2855.		2826.	2824.	67
24 33W 22DCA	2510.	2844.		2825.	2824.	68
24 33W 23BCA	2505.	2836.	2841.	2828.	2824.	69
24 33W 28DAA	2500.	2852.		2813.	2809.	70

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

PAGE 3

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
FINNEY COUNTY CONTINUED						
24 33W 34CAC	2475.	2850.		2810.	2809.	71
24 34W 1BCB	2578.	2882.	2869.		2846.	72
24 34W 5AAB	2600.	2910.	2907.		2878.	73
25 31W 8BBA	2575.	2771.	2771.	2768.	2767.	74
25 31W 11CRC	2590.	2749.		2749.	2748.	75
25 31W 19CBD	2555.	2779.	2785.	2778.	2777.	76
25 31W 21CAB	2560.	2761.	2768.	2764.	2761.	77
25 31W 35DBA	2545.	2749.	2751.	2746.	2741.	78
25 32W 22DRD	2492.	2800.	2803.	2793.	2789.	79
25 32W 31DD	2375.	2816.	2818.	2799.	2796.	80
25 32W 35ADB	2440.	2790.	2789.	2779.	2779.	81
25 33W 5ABD	2410.	2868.		2836.	2832.	82
25 33W 9ABD	2395.	2859.		2823.	2818.	83
25 33W 15DAC	2380.	2844.		2808.	2805.	84
25 33W 17DBD	2410.	2862.		2834.	2833.	85
25 33W 21CAC	2400.	2855.	2856.	2840.	2837.	86
25 33W 35DRD	2420.	2831.		2813.	2811.	87
25 34W 6AAA	2575.	2920.			2894.	88
25 34W 6AB	2585.	2922.	2922.		2899.	89
25 34W 10BBB	2550.	2900.			2887.	90
25 34W 17BDB	2495.	2909.		2878.	2871.	91
25 34W 25ABC	2450.	2875.		2854.	2851.	92
25 34W 34DRD	2505.	2880.	2875.	2864.	2862.	93
26 31W 1DD	2510.	2736.	2737.	2729.	2727.	94
26 31W 6BBC	2505.	2777.	2776.	2766.	2764.	95
26 31W 31CDC	2345.	2758.	2755.	2737.	2733.	96
26 31W 36CAC	2485.	2735.	2737.	2723.	2719.	97
26 32W 22ABB	2335.	2786.	2783.	2765.	2758.	98
26 32W 35CDA	2340.	2772.	2772.	2755.	2753.	99
26 33W 3DRB	2460.	2830.	2829.	2817.	2812.	100
26 33W 12CAD	2415.	2817.	2815.	2804.	2802.	101
26 33W 26ABB	2375.	2816.	2811.	2792.	2793.	102
26 34W 30BD	2550.	2890.	2872.	2865.	2864.	103

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

PAGE 4

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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FINNEY COUNTY CONTINUED

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

PAGE 5

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
GRANT COUNTY						
27 35W 17ADD	2624.	2911.	2900.	2882.	2878.	1
27 36W 18DCB	2670.	2961.	2949.	2917.	2906.	2
27 36W 25CC	2695.	2917.	2879.	2867.	2861.	3
27 37W 4ABB	2764.	3010.	2994.	2950.	2940.	4
27 37W 4DA	2760.	3003.	2988.			5
27 37W 11ABA	2725.	2986.	2962.	2929.	2923.	6
27 37W 22BRB			2966.	2914.	2908.	7
27 37W 29CBB	2760.	3029.	2995.	2908.	2898.	8
27 38W 12ADC	2796.	3042.	3011.	2927.	2911.	9
27 38W 15BRB			3015.	2981.	2972.	10
27 38W 22CBB	2770.	3061.	3033.	2934.	2908.	11
27 38W 23CB	2770.	3055.	3007.	2973.	2970.	12
27 38W 25BRB	2770.	3050.	3001.	2919.	2909.	13
27 38W 32BCC	2760.	3081.	3026.	2984.	2979.	14
28 35W 5BCC	2660.	2880.	2864.	2839.	2833.	15
28 35W 15CBB	2555.	2851.	2813.	2799.	2794.	16
28 35W 36ABC	2460.	2810.	2796.	2761.	2755.	17
28 36W 2CDD2			2869.	2846.	2844.	18
28 36W 21CDD	2636.	2908.	2872.	2833.	2825.	19
28 37W 28BRB3					2850.	20
28 37W 10BCD2	2707.	3008.	2956.	2887.	2888.	21
28 37W 30BRD	2670.	3032.	2993.			22
28 38W 78BB	2725.	3078.	3022.	2949.	2931.	23
28 38W 8BC	2700.	3074.	3004.	2937.	2910.	24
28 38W 12BCB	2727.	3050.	3013.	2942.	2942.	25
28 38W 12DDD	2715.	3040.		2935.	2931.	26
28 38W 17AAA	2690.	3071.	2994.	2942.	2920.	27
28 38W 20DCB	2705.	3072.	3026.	2935.	2911.	28
28 38W 31DBB	2720.	3080.	3037.	2988.	2972.	29
28 38W 33BD3	2690.	3066.	3032.	2990.	2981.	30
29 35W 1CCC	2505.	2805.		2753.	2748.	31
29 35W 6BAA	2610.	2865.	2842.	2837.	2834.	32
29 35W 28ACC	2425.	2828.	2790.	2761.	2760.	33
29 36W 4BAA2	2660.	2921.	2884.	2837.	2830.	34
29 36W 4BD	2655.	2922.	2894.	2822.	2807.	35

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

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WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
GRANT COUNTY CONTINUED						
29 36W 198CB	2590.	2951.	2877.		2823.	36
29 37W 3CD	2630.	2980.	2918.	2867.	2850.	37
29 37W 8CBA	2635.	3019.	2950.	2889.	2876.	38
29 37W 22AAB	2580.	2991.	2935.	2885.	2877.	39
29 37W 29BB0	2590.	3020.	2946.	2878.	2871.	40
29 37W 34DCC	2630.	2990.	2923.	2869.		41
29 38W 38AA	2654.	3059.	2992.	2964.		42
29 38W 8CCC	2674.	3080.	3045.	3014.	2995.	43
29 38W 20CDC			3058.	3021.	3016.	44
29 38W 22CBB	2620.	3059.	3039.			45
29 38W 35CCD	2655.	3050.	3009.	2982.	2978.	46
30 35W 20BC	2495.	2795.	2779.	2755.	2743.	47
30 35W 19BCD	2530.	2870.	2851.	2812.	2818.	48
30 36W 18BB	2510.	2875.	2843.	2797.	2791.	49
30 36W 4ABB					2852.	50
30 36W 6BRC	2610.	2954.	2883.	2830.	2827.	51
30 36W 7AAB	2580.	2947.	2870.	2847.	2840.	52
30 36W 16DAB	2595.	2918.	2886.	2852.	2843.	53
30 36W 25BCB	2560.	2886.		2857.	2854.	54
30 36W 32BBC	2680.	2951.	2941.	2921.	2919.	55
30 37W 28AA2	2595.	2980.	2880.	2838.	2828.	56
30 37W 3DBA				2858.	2845.	57
30 37W 6DCC	2601.	3020.	2978.	2943.	2940.	58
30 37W 10DCB	2670.	2985.	2922.	2894.	2885.	59
30 37W 20CBC	2740.	3011.	2960.	2933.	2936.	60
30 38W 3DCC	2695.	3056.	3022.	2995.	2992.	61
30 38W 13CCC			2995.	2967.	2961.	62
30 38W 15DBC	2784.	3055.	3025.	2999.	2995.	63
30 38W 30ACA	2775.	3083.	3070.	3034.	3032.	64

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

PAGE 7

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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GRANT COUNTY CONTINUED

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

PAGE 8

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
GRAY COUNTY						
24 27W 8CCC	2559.	2631.	2638.	2628.	2626.	1
24 27W 14ABA	2562.	2580.	2588.	2589.	2589.	2
24 28W 10ADD	2543.	2651.		2653.	2646.	3
24 28W 31DD	2490.	2663.	2666.	2643.	2634.	4
24 28W 36ACA	2585.	2635.	2637.	2631.	2627.	5
24 29W 16DCA	2565.	2689.	2691.	2686.	2678.	6
24 29W 18CCB	2594.	2708.	2704.	2700.	2696.	7
24 30W 18CB	2639.	2720.		2711.	2720.	8
24 30W 8DCD	2621.	2745.		2731.	2732.	9
24 30W 15CCC	2598.	2732.		2722.	2703.	10
25 27W 33ARB	2479.	2594.	2596.	2593.	2591.	11
25 29W 7BCB	2549.	2699.	2701.	2692.	2693.	12
25 29W 14AB	2450.	2669.	2669.	2655.	2648.	13
25 29W 20CBC	2520.	2681.	2682.			14
25 30W 20CB	2550.	2725.	2724.	2722.	2722.	15
25 30W 22ACD	2545.	2708.	2707.	2704.		16
26 27W 13BBC	2402.	2558.	2559.		2558.	17
26 27W 18ADC	2394.	2590.		2588.	2587.	18
26 27W 27CDD	2390.	2579.		2577.	2574.	19
26 28W 10ACB2	2460.	2616.	2613.	2607.	2606.	20
26 29W 7CB	2525.	2696.	2703.	2692.	2691.	21
26 29W 9DBA	2475.	2673.	2682.		2671.	22
26 29W 35CCC	2500.	2670.	2670.	2661.	2664.	23
26 30W 17AD	2480.	2723.	2727.	2716.	2717.	24
26 30W 24DDD	2501.	2700.		2690.	2684.	25
27 27W 7ADC	2500.	2604.	2612.	2603.	2602.	26
27 27W 10CDB	2477.	2581.	2589.	2582.	2581.	27
27 27W 25CCD	2504.	2565.	2568.	2563.	2561.	28
27 28W 5AAA	2479.	2641.		2640.	2635.	29
27 28W 30CCA	2520.	2660.		2652.		30
27 29W 9DA	2469.	2680.	2689.	2677.	2674.	31
27 30W 8BBB	2525.	2722.	2723.	2708.	2705.	32
27 30W 23BB	2525.	2704.	2708.	2693.	2690.	33
27 30W 25CCB	2439.	2698.	2705.	2691.	2687.	34
27 30W 34CCC	2403.	2705.	2706.	2691.	2686.	35

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

PAGE 9

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
GRAY COUNTY CONTINUED						
28 27W 38BB	2495.	2589.		2586.	2585.	36
28 28W 20ADD2	2575.	2650.	2649.	2643.	2643.	37
28 29W 16ACC	2500.	2678.	2674.	2658.	2652.	38
28 30W 68BA	2355.	2715.	2717.	2696.	2691.	39
28 30W 10DDD	2345.	2699.	2693.	2670.	2668.	40
28 30W 17BBA	2320.	2707.	2707.	2676.	2678.	41
28 30W 24BAB	2375.	2690.	2684.	2665.	2658.	42
29 27W 30BCC	2375.	2568.	2552.	2547.	2542.	43
29 27W 36ABA	2225.	2528.	2519.	2507.	2500.	44
29 28W 18CCC	2525.	2635.		2617.	2614.	45
29 28W 19DDD	2420.	2620.	2616.	2604.	2603.	46
29 28W 28CDC	2410.	2600.	2597.	2587.	2586.	47
29 29W 10BBB	2495.	2659.	2656.	2644.	2635.	48
29 29W 27BCB	2245.	2641.	2638.	2627.	2622.	49
29 30W 58BB	2355.	2691.	2684.	2669.	2665.	50
29 30W 12CCC	2290.	2670.		2653.	2649.	51
29 30W 22BBC	2370.	2672.	2671.	2657.	2650.	52
29 30W 35ACD	2360.	2659.	2657.	2641.	2635.	53

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

PAGE 10

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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GRAY COUNTY CONTINUED

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

PAGE 11

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
HAMILTON COUNTY						
21 39W 7CBA	3282.	3301.	3303.	3306.		1
22 39W 3BRB	3254.		3262.	3269.	3269.	2
22 39W 8DDD	3254.		3290.	3290.	3290.	3
23 39W 15ADD	3181.		3195.	3195.	3195.	4
23 40W 29DDB			3157.	3118.	3125.	5
23 42W 19CBB	3272.	3319.	3315.	3313.	3312.	6
23 42W 26DCA	3239.	3280.	3285.	3281.	3281.	7
23 42W 27DDB	3241.	3288.	3291.	3290.	3289.	8
23 42W 34CBB	3249.	3294.	3297.	3294.	3293.	9
23 43W 21ABA	3335.	3349.	3349.	3347.	3346.	10
23 43W 23BCB	3288.	3335.	3335.	3334.	3333.	11
23 43W 25CBD2	3288.	3327.	3326.	3325.	3326.	12
23 43W 26BCC	3321.	3336.	3336.	3335.	3333.	13
24 39W 19CBC	3110.	3169.	3168.	3165.	3165.	14
24 39W 22CCB	3110.	3144.	3140.	3139.	3137.	15
24 39W 30BBD	3100.	3168.	3168.	3166.	3166.	16
24 39W 30CAD	3105.	3167.	3166.	3162.	3163.	17
24 39W 35BAC	3100.	3134.	3138.	3134.	3133.	18
24 39W 35CRA	3060.	3135.	3135.	3130.	3129.	19
24 40W 7CBB	3175.	3219.	3219.	3217.	3218.	20
24 40W 17BBB	3150.	3208.			3204.	21
24 40W 23AAB	3100.	3178.	3180.	3176.	3178.	22
24 40W 31BBB	3212.	3214.	3223.	3222.	3223.	23
24 41W 10AD	3209.		3239.	3227.	3227.	24
24 42W 4AAD	3260.	3297.	3297.	3295.	3294.	25
24 42W 28DDD			3295.	3294.		26
24 43W 14CBB		3338.	3341.	3339.		27
25 39W 2CAD	3110.	3132.	3128.	3125.	3125.	28
25 39W 23BDD	3153.		3207.	3195.		29
25 39W 34DCA			3209.	3210.	3210.	30
25 40W 1CA	3160.	3172.	3172.	3167.		31
25 40W 26BBB		3199.	3197.	3193.	3192.	32
25 42W 20ADA			3375.	3353.	3345.	33
25 43W 3ARB			3384.	3336.		34
25 43W 21AAB			3393.	3381.		35

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

PAGE 12

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
HAMILTON COUNTY CONTINUED						
25 43W 25CCD	3265.	3389.	3369.	3351.	3348.	36
26 39W 18AA			3176.	3177.		37
26 40W 18BA			3339.	3340.		38
26 41W 12DCC			3192.	3174.	3171.	39
26 41W 20BBD	3075.	3300.	3296.	3277.	3281.	40
26 41W 36CCC	3039.	3235.	3241.	3230.	3225.	41
26 42W 10BR2	3160.	3353.	3328.	3305.	3299.	42
26 42W 17CB			3350.	3323.	3318.	43
26 42W 22CDB	3200.	3335.	3319.	3284.	3278./	44
26 43W 25DCC				3330.	3322.	45

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

PAGE 13

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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HAMILTON COUNTY CONTINUED

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

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WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
HASKELL COUNTY						
27 31W 7BDA	2327.	2753.	2756.	2740.	2735.	1
27 31W 21BBC	2339.	2737.	2732.	2717.	2714.	2
27 31W 24CDC	2450.	2722.	2718.	2700.	2694.	3
27 31W 31BCC	2375.	2744.	2740.	2722.	2718.	4
27 32W 6CBB	2440.	2798.		2780.	2777.	5
27 32W 13ABB	2370.	2756.		2738.		6
27 32W 19CCD	2450.	2788.	2776.	2760.	2756.	7
27 33W 29DAA	2455.	2801.	2809.	2781.	2771.	8
27 33W 33DCD	2390.	2788.	2781.	2755.	2749.	9
27 34W 16DDD2	2530.	2859.	2855.	2844.	2840.	10
27 34W 28DAA	2545.	2855.	2854.	2829.	2827.	11
28 31W 2CCB	2290.	2723.	2716.	2695.		12
28 31W 32ABB	2390.	2718.	2714.	2696.	2689.	13
28 31W 35CCB	2420.	2707.	2691.	2683.	2677.	14
28 32W 9CCC	2398.	2753.	2747.	2725.	2719.	15
28 32W 18BBB2	2370.	2759.	2748.	2715.	2701.	16
28 32W 24BCC	2361.	2735.	2728.	2710.	2704.	17
28 32W 35BBA	2350.	2730.	2725.	2706.	2698.	18
28 33W 21BCC	2395.	2755.	2745.	2697.	2690.	19
28 33W 24DRC	2350.	2749.			2674.	20
28 33W 27AAB	2370.	2744.	2732.		2672.	21
28 34W 13BRB	2475.	2775.	2761.	2720.	2713.	22
28 34W 15DAB	2450.	2777.	2757.		2729.	23
28 34W 32ADD	2460.	2794.	2774.	2736.	2729.	24
29 31W 9CB	2405.	2705.	2702.	2687.	2682.	25
29 31W 14BBB	2425.	2694.	2690.	2671.	2666.	26
29 31W 34BCA	2390.	2690.	2685.	2668.	2662.	27
29 32W 4BCC	2345.	2732.	2718.	2694.	2692.	28
29 32W 16DAA	2370.	2716.	2702.	2690.	2687.	29
29 32W 19CC	2325.	2715.	2705.	2678.	2671.	30
29 32W 26CB2	2372.	2704.	2691.	2667.	2662.	31
29 33W 1AAB	2345.	2733.	2720.	2675.	2670.	32
29 33W 5ACA	2375.	2753.	2740.	2698.	2690.	33
29 33W 11BBC	2345.	2731.		2678.	2673.	34
29 33W 28BCB	2405.	2751.		2702.	2695.	35

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

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WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
HASKELL COUNTY CONTINUED						
29 34W 2ABB	2430.	2780.	2761.	2722.	2714.	36
29 34W 9CRB	2452.	2793.	2773.	2737.	2729.	37
29 34W 11ADD	2455.	2778.	2751.	2704.	2696.	38
29 34W 24BCC	2415.	2770.	2765.	2721.	2717.	39
29 34W 28CCD	2455.	2781.	2770.	2742.	2734.	40
29 34W 36CBC	2420.	2763.		2716.	2709.	41
30 31W 6BRB	2352.	2693.	2683.	2669.	2665.	42
30 31W 15ABB	2300.	2677.		2645.	2639.	43
30 31W 24BBB	2290.	2668.	2666.		2649.	44
30 31W 33BBB	2340.	2673.		2642.	2635.	45
30 32W 11BBB	2325.	2697.	2683.	2661.	2657.	46
30 32W 17BCC	2352.	2710.	2698.	2672.	2666.	47
30 32W 22BBB	2364.	2700.	2684.	2665.	2661.	48
30 32W 31BAB	2440.	2712.	2704.	2684.	2678.	49
30 33W 2AAB	2340.	2721.	2711.	2673.		50
30 33W 6DBD	2390.	2753.	2745.	2720.	2712.	51
30 33W 30CBD	2450.	2748.	2743.	2728.	2724.	52
30 34W 5BRB	2475.	2783.	2773.	2746.	2741.	53
30 34W 16BBB	2475.	2776.	2772.		2747.	54
30 34W 30ADD	2520.	2779.	2776.	2758.	2756.	55

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

PAGE 16

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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HASKELL COUNTY CONTINUED

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

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WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
KEARNY COUNTY						
22 35W 23CDD	2850.	2930.	2917.	2902.	2902.	1
23 35W 5ACC	2916.	2978.	2973.	2959.	2953.	2
23 35W 12CCC	2640.	2942.	2930.	2896.	2880.	3
23 35W 25BBB2	2620.	2959.	2946.	2919.	2906.	4
23 35W 29DAC2	2688.	2990.	2981.	2972.	2965.	5
23 36W 4CBB	2985.	3041.	3050.	3043.	3042.	6
23 36W 32BBB	2929.	3045.	3016.	3001.	2998.	7
23 37W 9ADD	3055.	3087.	3086.	3080.	3078.	8
23 37W 19CCC	3031.	3102.	3092.	3076.	3071.	9
23 37W 28CCB	3003.	3085.	3066.	3048.	3047.	10
23 37W 36BAB	2953.	3058.	3033.	3017.	3011.	11
24 35W 9CCC	2640.	2968.	2967.	2958.	2954.	12
24 35W 13CCC2	2595.	2929.	2933.	2925.	2922.	13
24 35W 20CCC2	2645.	2958.	2963.	2955.	2953.	14
24 35W 22CCC	2625.	2940.	2955.	2945.	2943.	15
24 36W 15BCB	2884.	3008.	2999.	2979.	2976.	16
24 36W 23CBB2	2704.	2988.	2989.	2982.	2979.	17
25 35W 2BAA	2590.	2938.		2915.	2911.	18
25 35W 17AAA	2590.	2958.		2935.	2930.	19
25 35W 26BAB	2555.	2935.		2927.	2920.	20
25 35W 28DBB	2600.	2948.	2944.	2932.	2933.	21
25 36W 11CBC	2650.	2990.	2992.	2984.	2982.	22
25 36W 18ACC	2800.	3014.	3017.	3008.	3007.	23
25 36W 28BBB	2688.	2999.		2988.	2978.	24
25 36W 35ACC	2660.	2975.	2969.	2956.	2952.	25
25 37W 15ABA2	3020.	3045.		3039.	3038.	26
25 37W 15DDD	2985.	3035.	3038.	3035.	3035.	27
25 37W 25BAD2			3018.	3004.	3002.	28
25 38W 8BDD			3102.	3099.	3095.	29
25 38W 20ACC			3112.		3107.	30
25 38W 26ACC	3000.	3082.	3080.	3075.	3075.	31
26 35W 6ADA	2590.	2950.	2947.	2935.	2928.	32
26 35W 10DBC	2540.	2923.	2921.	2914.	2911.	33
26 36W 10BB	2610.	2962.		2945.	2939.	34
26 36W 4BDA	2680.	2982.	2978.	2967.	2964.	35

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

PAGE 18

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
KEARNY COUNTY CONTINUED						
26 36W 14ACD	2650.	2958.	2963.	2963.	2950.	36
26 37W 6ACB	2990.		3066.	3064.	3064.	37
26 37W 21DDD	2737.	3015.	2998.	2984.	2979.	38
26 37W 25CDB	2710.	2990.	2977.	2958.	2952.	39
26 38W 8AAD			3108.	3111.	3110.	40

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

PAGE 19

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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KEARNY COUNTY CONTINUED

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

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WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
MEADE COUNTY						
30 26W 4CBB	2090.	2514.	2504.	2496.	2487.	1
30 26W 78BB	2140.	2519.	2511.	2498.	2490.	2
30 26W 178RC	2120.	2509.	2498.	2491.	2486.	3
30 26W 31CBC	2135.	2471.	2471.	2459.	2455.	4
30 27W 4DBD	2230.	2545.	2541.	2522.	2507.	5
30 27W 22CDD	2190.	2504.	2506.	2509.	2507.	6
30 27W 23ABB	2210.	2519.	2515.	2501.	2492.	7
30 27W 32DDD	2146.		2463.	2465.		8
30 28W 2BAA	2230.	2577.	2563.	2558.	2554.	9
30 28W 17ABB	2180.	2595.	2587.	2581.	2580.	10
30 29W 3DCC	2264.	2626.	2621.	2612.	2610.	11
30 29W 23CAD	2200.	2610.	2603.	2592.	2589.	12
30 29W 28BBB	2205.	2621.	2620.	2607.	2603.	13
30 29W 32BRB	2220.	2623.	2625.	2611.	2607.	14
30 30W 12CBB	2320.	2650.	2647.	2630.	2625.	15
30 30W 28ABB	2295.	2653.	2657.	2640.	2625.	16
31 26W 30BBB2	2303.	2419.		2426.	2424.	17
31 27W 20AAA2	2140.	2451.		2438.	2430.	18
31 28W 10BCB	2149.	2529.	2531.	2514.	2514.	19
31 29W 25AAA2	2260.	2553.	2541.	2535.	2530.	20
31 29W 30AAA	2280.	2605.	2611.	2602.	2598.	21
31 30W 16BRC	2265.	2634.	2636.	2616.	2602.	22
32 28W 4ADD	2180.	2483.	2480.	2479.	2478.	23
32 28W 14CBC	2130.	2424.	2424.	2424.	2422.	24
32 29W 5CC	2255.	2580.	2582.	2570.	2567.	25
32 29W 27AAB2	2133.	2545.		2547.	2546.	26
32 30W 9CCC	2260.	2609.	2607.	2586.	2589.	27
32 30W 28BBC	2300.	2592.	2589.	2570.	2567.	28
32 30W 35CAD2	2240.	2570.	2553.	2553.		29
33 28W 29BC	2195.	2357.	2357.	2354.	2354.	30
33 29W 36AAB	2180.	2382.	2382.	2378.	2377.	31
33 30W 35CB	2140.	2523.	2526.		2523.	32
34 30W 22CBC	2000.	2484.		2481.	2482.	33
34 30W 27BBB2	1989.	2473.		2473.	2473.	34
35 30W 10CDA	2075.	2370.	2370.	2370.	2366.	35

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FOR SPECIFIED YEARS IN SOUTHWESTERN KANSAS.

PAGE 21

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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MEADE COUNTY CONTINUED

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

PAGE 22

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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MEADE COUNTY CONTINUED

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

PAGE 23

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
MORTON COUNTY						
31 39W 18CCC		3130.	3110.	3071.	3063.	1
31 39W 33BCC	3038.		3093.	3051.	3051.	2
31 40W 1DA	2960.	3125.	3103.	3080.	3074.	3
31 40W 29ABB	3098.	3190.	3165.	3144.	3151.	4
31 41W 7CDD			3306.	3305.	3305.	5
31 41W 31CBB			3368.	3348.	3344.	6
31 42W 29AAB		3436.	3417.	3402.	3401.	7
31 43W 3CB		3548.	3543.	3543.	3543.	8
31 43W 14DDC			3508.	3507.	3509.	9
31 43W 20CBB	3553.	3600.	3597.		3574.	10
32 39W 9DD		3130.	3101.	3064.	3070.	11
32 40W 21ADB	3105.	3210.	3186.		3154.	12
32 41W 15CDC			3342.	3337.	3339.	13
32 42W 14CCC			3409.		3388.	14
32 42W 21BCC			3412.	3382.	3382.	15
32 42W 26CDD			3383.	3345.	3347.	16
32 43W 17DCC	3480.	3566.	3566.	3555.	3554.	17
33 39W 16ABB	2890.	3152.	3164.	3162.	3160.	18
33 40W 27CCC	2985.	3210.	3228.	3227.	3227.	19
33 41W 3AAD			3308.	3283.	3273.	20
33 41W 21CCC	3230.	3330.	3316.	3314.	3312.	21
33 41W 33DDD	3220.	3309.	3308.	3312.	3313.	22
33 42W 1AA	3270.	3390.	3404.	3399.	3398.	23
33 42W 21BCB	3360.	3440.	3442.	3438.	3439.	24
33 43W 8BDA			3548.	3545.	3545.	25
34 42W 5BDC			3411.	3410.	3410.	26
34 42W 22CDB	3380.	3400.		3409.	3411.	27
34 43W 7BDD			3508.		3506.	28
35 40W 38BB	2960.	3188.	3184.	3193.	3192.	29
35 43W 13BDB	3310.	3464.		3442.	3441.	30

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

PAGE 24

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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MORTON COUNTY CONTINUED

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

PAGE 25

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
SEWARD COUNTY						
31 31W 8BCC	2310.	2665.	2660.	2640.	2637.	1
31 31W 13BCB	2275.	2646.	2646.	2625.	2619.	2
31 32W 3DAD	2349.	2687.	2671.	2656.	2653.	3
31 32W 21CBA	2390.	2685.	2675.	2663.	2648.	4
31 32W 34CBB	2350.	2669.	2670.	2646.		5
31 33W 6CBD	2450.	2738.	2737.		2722.	6
31 33W 20DBB	2360.	2718.	2718.	2705.	2703.	7
31 34W 18BBB	2530.	2765.	2765.	2751.	2748.	8
32 31W 8BBB	2360.	2640.	2649.	2633.	2626.	9
32 31W 26CAA	2330.	2603.	2600.	2589.	2577.	10
32 31W 31ACC	2340.	2605.	2600.	2589.		11
32 32W 14BBB	2395.	2650.	2637.	2623.	2619.	12
32 32W 19BAB	2379.	2665.	2659.	2648.	2645.	13
32 33W 12BCC	2430.	2682.	2680.	2651.	2661.	14
32 33W 21CDB	2347.	2681.	2680.	2677.	2677.	15
32 34W 10DA	2455.	2720.	2721.	2718.	2726.	16
32 34W 17DCC	2460.	2740.	2730.	2715.	2716.	17
32 34W 32BBB	2430.	2762.	2767.	2755.	2754.	18
33 32W 25BBB	2180.	2550.	2547.			19
33 32W 28CDD	2231.	2570.		2573.	2573.	20
33 32W 28CDD2	2231.	2570.		2576.	2576.	21
33 33W 12AAD	2310.	2621.	2620.	2619.	2619.	22
34 31W 30BBB	2060.	2523.		2522.	2522.	23
34 31W 30BBB2	2060.	2523.		2525.	2525.	24
34 32W 35ADA					2545.	25
34 33W 7CCB	2326.	2761.	2774.	2772.	2773.	26
34 34W 16DAA	2270.	2829.	2848.	2829.	2821.	27
34 34W 17DDD	2520.	2840.		2839.	2835.	28
35 31W 18BBB	2210.	2520.	2525.	2526.	2535.	29
35 33W 16BCA	2180.	2712.	2734.	2720.	2726.	30
35 34W 10BBB	2265.	2822.	2832.	2835.		31

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

PAGE 26

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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SEWARD COUNTY CONTINUED

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

PAGE 27

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
STANTON COUNTY						
27 39W 28BB	3120.	3129.	3129.	3131.	3128.	1
27 39W 23ACC2	2774.	3099.	3065.	3000.	2980.	2
27 39W 27BBA	2780.	3107.	3073.	3024.	3015.	3
27 39W 34DDD	2749.	3099.	3039.	2954.	2935.	4
27 40W 21DAA	3005.	3183.	3186.	3172.	3168.	5
27 40W 25CBC	2900.	3155.	3142.	3115.	3111.	6
27 41W 31CCB2	3094.	3246.	3234.	3180.	3184.	7
27 41W 35CCC			3205.	3185.	3177.	8
27 42W 11DBD	3159.	3289.	3293.	3265.	3257.	9
27 42W 31CCC			3344.	3319.	3312.	10
28 39W 5BRB2	2840.	3131.	3131.	3093.	3085.	11
28 39W 14BRC			3061.	3039.	3035.	12
28 39W 31BCC	2795.	3141.	3109.		3069.	13
28 39W 33ACC	2773.	3119.	3081.	3037.	3032.	14
28 39W 36ABB	2733.	3088.	3045.	2992.	2989.	15
28 40W 4CCC	2935.	3179.	3173.	3134.	3126.	16
28 40W 12DDC2	2840.	3142.	3118.	3060.	3051.	17
28 40W 23ACC	2850.	3151.	3134.	3091.	3088.	18
28 40W 32CCB	2874.	3162.	3148.	3099.	3091.	19
28 41W 12BRC	2990.	3194.	3184.	3151.	3146.	20
28 41W 31BDD	3134.	3259.	3268.	3242.	3236.	21
28 42W 8CCC	3239.	3340.	3305.	3287.	3281.	22
28 42W 32BBB			3324.	3312.	3311.	23
29 39W 17BCB	2783.	3131.	3111.		3058.	24
29 39W 21DBD	2770.	3121.	3100.	3061.	3055.	25
29 39W 24DDA	2705.	3092.	3074.	3033.	3031.	26
29 41W 13ACC	2944.	3168.	3151.	3113.	3107.	27
29 41W 31CBD			3240.		3217.	28
29 42W 8CDC			3330.	3320.	3317.	29
29 42W 11DCD			3274.	3265.	3260.	30
29 42W 24CCC			3263.		3277.	31
29 43W 33CDB			3534.	3538.	3538.	32
30 39W 2ABB	2760.	3105.	3088.	3053.	3047.	33
30 39W 18BBB			3117.		3088.	34
30 39W 23BBB	2775.	3107.	3090.	3055.	3049.	35

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

PAGE 28

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
STANTON COUNTY CONTINUED						
30 39W 32DA	2979.	3122.	3109.	3076.	3070.	36
30 39W 36BDD	2766.	3099.	3078.	3043.	3041.	37
30 40W 24CDC			3122.	3088.	3092.	38
30 40W 33CCB			3145.	3127.	3126.	39
30 41W 13CCC	3130.	3188.	3176.			40
30 41W 32BAA			3242.			41
30 42W 12ACC			3269.	3257.	3262.	42
30 42W 16BDB			3336.	3337.	3338.	43
30 43W 34BBB	3519.	3580.	3556.	3534.	3539.	44
30 43W 36BB			3523.	3519.	3519.	45

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

PAGE 29

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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STANTON COUNTY CONTINUED

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

PAGE 30

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
STEVENS COUNTY						
31 35W 7BBB	2580.	2845.	2831.	2796.	2792.	1
31 35W 15BAA	2560.	2785.	2773.			2
31 35W 19CCC	2549.	2865.	2852.	2830.	2828.	3
31 35W 26DCC	2541.	2775.	2758.	2738.	2733.	4
31 36W 2CDD	2654.	2880.	2863.	2851.	2850.	5
31 36W 18BAA	2680.	2960.	2954.	2929.	2926.	6
31 36W 27BCB	2610.	2935.	2934.	2913.	2908.	7
31 37W 9BCC	2700.	2995.	2973.	2941.	2934.	8
31 37W 22BCC	2656.	2990.	2968.	2938.	2933.	9
31 38W 17CDA	2790.	3060.	3039.	3005.	2995.	10
31 38W 34BAC	2725.	3048.	3044.	3033.	3033.	11
31 39W 238BB	2940.	3101.	3082.	3047.	3048.	12
32 35W 2CBB	2569.	2789.	2757.	2734.	2731.	13
32 35W 8DDD	2510.	2882.		2873.	2868.	14
32 37W 4ACA	2620.	2997.	2979.	2954.	2949.	15
32 37W 10DCC	2580.	2993.	2984.	2969.	2967.	16
32 38W 6ACC	2830.	3090.	3094.	3092.	3092.	17
32 38W 11ADA	2630.	3041.	3045.	3046.	3044.	18
32 38W 238DD	2670.	3059.	3069.	3065.	3056.	19
32 39W 28RBB	2920.	3120.	3083.		3043.	20
32 39W 15BCA	2980.	3130.	3119.			21
33 36W 11DDC	2545.	2919.	2917.	2892.	2891.	22
33 36W 26DDD	2610.	2911.	2913.	2893.	2893.	23
33 37W 9BCC	2588.	3032.			3036.	24
33 37W 17CCC	2570.	3041.	3035.	3046.	3043.	25
33 37W 23CDB	2530.	3005.	3008.	2997.	2996.	26
33 38W 6AAB	2825.	3110.	3108.	3112.	3111.	27
33 38W 10ACC	2700.	3065.	3058.	3051.	3047.	28
33 38W 20DDB	2735.	3085.	3066.	3048.	3051.	29
33 38W 25DDC	2595.	3050.	3059.			30
34 35W 7BCC	2420.	2905.	2911.	2886.	2883.	31
34 35W 18BCA	2368.	2905.		2899.	2889.	32
34 37W 8DAC	2520.	3029.	3049.	3047.	3045.	33
34 37W 27ABC	2600.	3007.	3026.	3028.	3028.	34
34 38W 2CDB	2620.	3058.	3061.		3054.	35

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

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WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
STEVENS COUNTY CONTINUED						
34 38W 34BDB	2640.	3055.	3068.			36
34 39W 2CCA	2715.	3130.	3140.	3146.	3145.	37
34 39W 14DDD	2779.	3122.		3117.	3117.	38
34 39W 15CAD	2770.	3139.	3138.	3145.	3144.	39
35 36W 1AAA	2432.	2902.			2914.	40
35 39W 10CAD	2800.	3119.	3114.	3117.	3117.	41

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

PAGE 32

WELL NUMBER	BEDROCK ALTITUDE (FEET)	WATER-LEVEL ALTITUDE IN 1940 (FEET)	WATER-LEVEL ALTITUDE IN 1966 (FEET)	WATER-LEVEL ALTITUDE IN 1976 (FEET)	WATER-LEVEL ALTITUDE IN 1977 (FEET)	NUMBER OF WELLS
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STEVENS COUNTY CONTINUED

