RECORDS OF WELLS AND CHEMICAL ANALYSES OF GROUND WATER IN CAMPBELL COUNTY, SOUTH DAKOTA

By Kathleen M. Neitzert and Neil C. Koch

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DONALD PAUL HODEL, Secretary

U.S. GEOLOGICAL SURVEY

Dallas L. Peck, Director

For additional information
write to:

District Chief
U.S. Geological Survey
Rm. 317, Federal Bldg.
200 4th St. SW
Huron, SD 57350

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INTRODUCTION

Well and chemical ground-water data contained in tables 1 and 2 were collected during a 3-year study started in 1964 to determine the geology and water resources of Campbell County (fig. 1). Additional data collected after the study was completed have been included in the tables. The purpose of this report was to provide hydrologic information needed for the orderly development of water supplies.

Physical, hydrologic, and geologic data for wells and test holes have been entered into computer storage in the Ground-Water Site-Inventory (GWSI) File of the U.S. Geological Survey's National Water Data Storage and Retrieval System (WATSTORE). The GWSI File is the national repository for data from sites where ground water has been, is, or can be withdrawn.

The chemical ground-water data recently has been entered into computer storage in the Water-Quality File. Water-quality data consisting of chemical, physical, biological, and radiochemical parameters are stored in the Water-Quality File. The Water Resources Division of the U.S. Geological Survey maintains these data bases.

In addition to its data processing, storage, and retrieval capabilities, WATSTORE has the capability of providing computer-printed tables, computer-printed graphs, statistical analyses of data, and digital plots. The tables in this report were computer-generated and printed, using the WATSTORE system.

LOCATION-NUMBERING SYSTEM

Sampling sites are numbered according to the Federal land-survey system of eastern South Dakota (fig. 2). The sampling site consists of township followed by "N," range followed by "W," and section number, followed by a maximum of four upper-case letters that indicate respectively, the 160-, 40-, 10-, and 2½-acre tract in which the well is located. These letters are assigned in a counterclockwise direction beginning with "A" in the northeast quarter. A serial number following the last letter is used to distinguish between wells in the same tract. Thus, well 126N76W15DAAA (fig. 2) is in the NE¼NE¼NE¼SE¼, sec. 15, T. 126 N., R. 76 W.

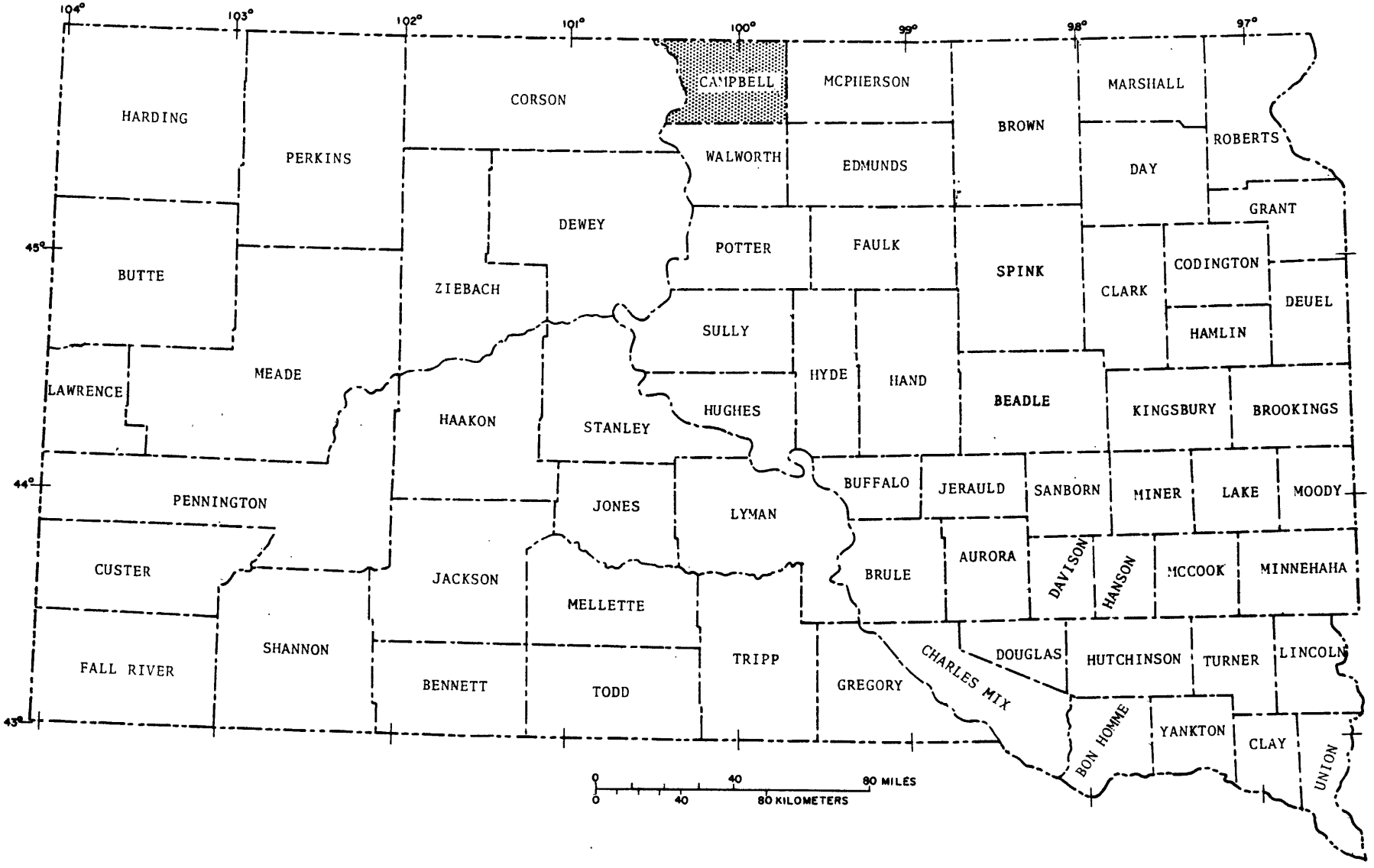

Figure 1.--Location of Campbell County.

Supplemental Information

Table 1. -- Records of wells and test holes in Campbell County

Explanation

Use of Water

H - domestic
U - unused
S - stock
P - public supply
D - dewater
I - irrigation
T - institution

Principal Aquifer

112 PLSC - Pleistocene
112 SLBY - Selby
112 SPCK - Spring Creek
112 GRND - Grand
211 DKOT - Dakota
217 INKR - Inyan Kara
221 SNDC - Sundance
310 MNLS - Minnelusa

Water level (feet)

Water level, in feet below or (+) above land surface
F - flowing

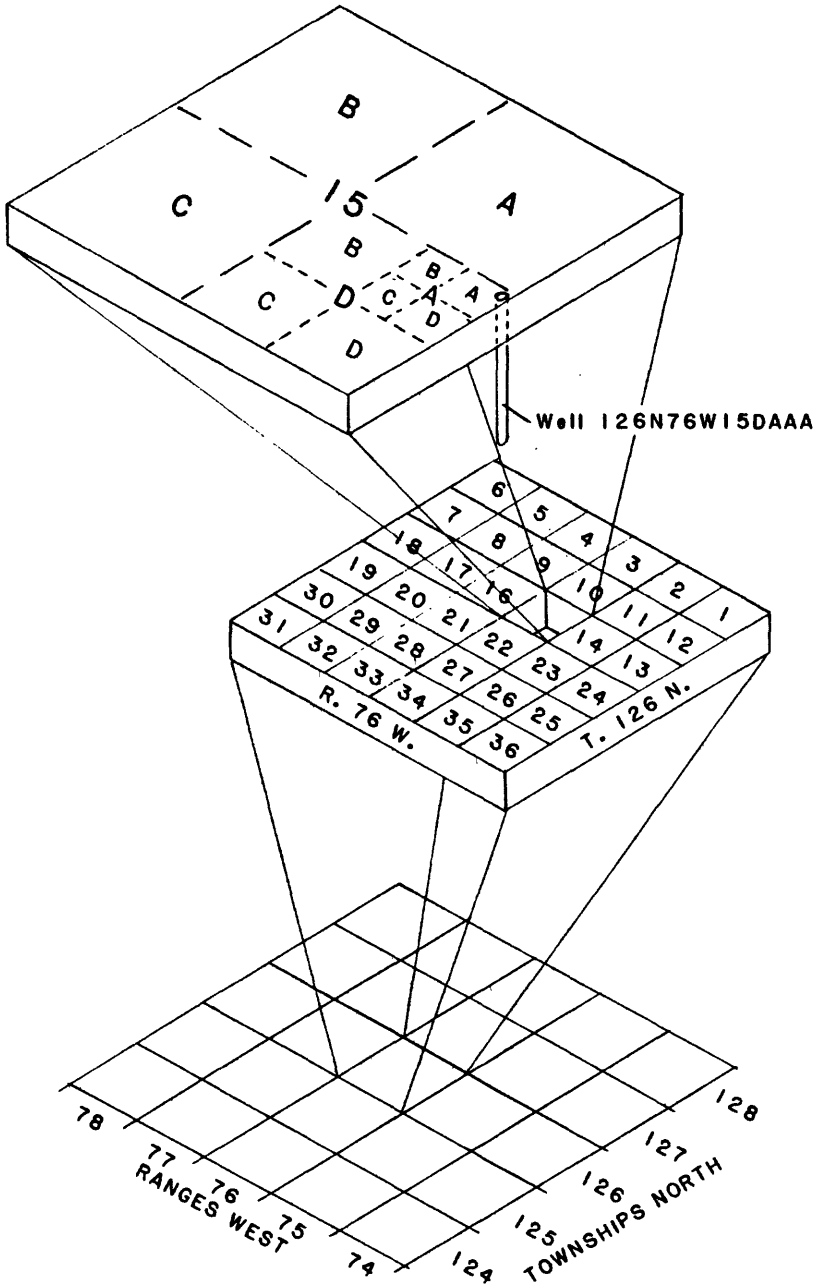

Figure 2.--Well-numbering diagram.

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN CAMPBELL COUNTY

LOCAL NUMBER	OWNER	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DATE COMPLETED	USE OF WATER	PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
125N74W 2AACC	RAILE, BROTHERS	122	--	--	U	112SLBY	--	--	1760
125N74W 2BAAC	RAILE, BROTHERS	65	--	--	U	112SLBY	--	--	1765
125N74W 2CDD	RAILE, BROTHERS	38	--	10/26/1982	S	112SLBY	8.00	10/26/1982	1745
125N74W 3BAA	FISCHER, R	12	3	1945	S	112SLBY	--	--	1750
125N74W 3BAA2	FISCHER, R	8	--	1955	H	112SLBY	--	--	1750
125N74W 5ABB	METZGER, ALBERT	53	24	1962	H,S	112SLBY	37.00	09/03/1964	1757
125N74W 8ADD	RACE, S.	30	30	1961	H,S	112SLBY	--	--	1754
125N74W 9ADD	EBERHART, W	12	24	--	S	112SLBY	6.40	06/17/1965	1742
125N74W10ACC	BALLIET, FRED	14	24	1958	S	112SLBY	--	--	1750
125N74W11ACD	KUNZ, JOHN	400	4	--	S	112GRND	55.00	09/03/1964	1760
125N74W11ACD2	KUNZ, JOHN	26	24	--	H	112SLBY	21.00	09/03/1964	1760
125N74W12BDA	LUTZ, ARTHUR	408	4	--	H,S	112GRND	70.00	09/03/1964	1762
125N74W13CAD	ROHRBACK, EMIL	360	4	1961	H,S	112GRND	35.00	09/03/1964	1780
125N74W16	RAU, STANLEY	40	--	09/04/1980	--	112SLBY	15.00	09/04/1980	1790
125N74W17AAD	EBERHART	7	--	--	H,S	112SLBY	--	--	1750
125N74W17CCA	EBERHART, ALBER	95	--	--	U	112SLBY	--	--	1765
125N74W18BBBB	SDWR	263	--	--	--	112GRND	--	--	1761
125N74W19AAA	HIRSCH, VICTOR	13	24	1960	H,S	112SLBY	--	--	1760
125N74W19AAB	HIRSCH, VICTOR	300	4	--	--	112GRND	29.21	09/01/1964	1765
125N74W19CBA	HIRSCH, GLENN	65	--	--	U	112SLBY	--	--	1760
125N74W19CBB	HIRSCH, GLEN	14	30	1957	S	112SLBY	12.50	09/01/1964	1760
125N74W20ABB	WAASE, L	25	24	--	S	112SLBY	15.00	09/01/1964	1765
125N74W20CBBD	OSWALD, OLIVER	60	--	--	U	112SLBY	--	--	1775
125N74W20DDB	RAU, HARVEY	40	--	--	U	112SLBY	--	--	1780
125N74W21CBC	MUNSCH, ANDREW	18	24	--	H,S	112SLBY	8.00	09/01/1964	1790
125N74W22BCA	SEIF, FRED	100	3	1956	H	112SLBY	9.00	09/03/1964	1780
125N74W22BCA2	SEIF, FRED	300	4	--	S	112GRND	63.76	09/03/1964	1780
125N74W23ADA	EBERHART, RUBEN	354	--	05/ /1978	H	112GRND	1.00	05/ /1978	1760
125N74W23BAD	BAUER, ALFRED	360	4	1930	H,S	112GRND	3.00	09/03/1964	1757
125N74W24AAAA	SDWR	293	--	--	--	112GRND	--	--	1791
125N74W24DAC	OSWALD, OLIVER	400	3	1927	H,S	112GRND	60.00	09/03/1964	1765
125N74W25CCB	EBERHART, RUBEN	14	--	--	H,S	112PLSC	--	--	1795
125N74W28ABC	MITTLEIDER, EUG	14	24	1961	H,S	112SLBY	--	--	1810
125N74W28BBD	RAU, HARVEY	35	--	--	U	112SLBY	--	--	1810
125N74W30DAC	OSWALD, W	50	3	--	H,S	112SLBY	--	--	1840
125N74W31AAC	LUTZ, CHRIST	40	24	--	H,S	112PLSC	20.00	09/01/1964	1890
125N74W33CAC	GILL, LEVERN	53	24	1960	H,S	112PLSC	45.00	09/01/1964	1950
125N75W 2ADA	HOLZWORTH, EMAN	77	24	1925	H,S	112SLBY	47.00	09/02/1964	1750
125N75W 2CBB	ACKERMAN, ORVIL	15	--	--	S	112SLBY	--	--	1775
125N75W 3DAA	ACKERMAN, ORVIL	60	24	--	S	112SLBY	--	--	1774

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN CAMPBELL COUNTY - continued

LOCAL NUMBER	OWNER	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DATE COMPLETED	USE OF WATER	PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
125N75W 4BCC	LINDEMANN, EDWA	52	24	1947	H	112SLBY	20.00	09/03/1964	1800
125N75W 5BBC	LINDEMANN, ALFE	70	--	1956	S	112SLBY	58.00	09/02/1964	1800
125N75W 7CC	ACKERMAN, MELVI	315	--	--	U	112GRND	--	--	1777
125N75W10BBAA	SDWR	222	--	--	--	112GRND	--	--	1735
125N75W10BCD	RAU, ERWIN	200	3	1950	S	112GRND	25.45	06/06/1967	1748
125N75W12CCC	RAU, PERRY	100	24	--	H,S	112SLBY	70.00	09/02/1964	1780
125N75W15ABC	RAU, ERWIN	120	3	1950	H,S	112SLBY	80.00	09/02/1964	1768
125N75W16CA	RAU, S	147	3	1965	S	112SLBY	50.00	06/17/1965	1775
125N75W18BB	VOLZKE, MARVIN	315	--	--	U	112GRND	--	--	1777
125N75W18DCD	THEIS, ALVIN	200	--	--	S	112GRND	77.91	09/01/1964	1771
125N75W21DCC	BIEL, VIRGIL	14	--	--	H,S	112SLBY	--	--	1751
125N75W21DDD	BIEL, VIRGIL	100	--	--	U	112SLBY	--	--	1790
125N75W22DAD	RAU, LESLIE	15	--	1930	H,S	112SLBY	2.00	09/02/1964	1750
125N75W22DBD	RAU, LESLIE	35	--	--	U	112SLBY	--	--	1740
125N75W23AAC	RAU, LESLIE	285	--	--	U	112GRND	--	--	1745
125N75W23BCB	RAU, LESLIE	35	--	--	U	112SLBY	--	--	1745
125N75W24CBD	RAU, HERBERT	20	--	--	U	112SLBY	--	--	1745
125N75W25BBB	RAU, EUGENE	100	4	03/ /1962	H,S	112SLBY	--	--	1763
125N75W27BAD	BIEL, TED F	64	30	1911	H,S	112SLBY	60.00	09/01/1964	1795
125N75W27DAD	BIEL, FRED C	36	24	1956	H,S	112SLBY	--	--	1840
125N75W29AAC	RUBIDA, RELPH	102	4	1960	H,S	112SLBY	27.00	09/01/1964	1767
125N75W30CC	HAUX, H.	136	3	--	H,S	112SLBY	--	--	1800
125N75W30DDD	MUNSCH, ERWIN	40	24	--	H,S	112SLBY	--	--	1737
125N75W31C	THORSTENSON, KE	40	--	--	U	112SLBY	--	--	1755
125N75W32BBBB	SDWR	33	--	--	--	112SLBY	--	--	1748
125N75W32DCB	SCHNEIDER, RUBE	64	18	1920	H,S	112SLBY	51.00	09/01/1964	1770
125N75W32DCB2	SCHNEIDER, RUBE	15	24	1964	S	112SLBY	13.00	1964	1770
125N75W33BDB	SCHNEIDER, RINE	56	24	1949	H,S	112SLBY	42.00	09/01/1964	1800
125N75W33BDB2	SCHNEIDER, RINE	60	24	1963	S	112SLBY	30.00	09/01/1964	1800
125N75W33DBD	SCHNEIDER, TED	40	24	1920	H,S	112PLSC	--	--	1855
125N75W35DBB	BIEL, FLOYD	90	18	1931	H,S	112PLSC	86.00	09/01/1964	1865
125N76W 1CBC	MADDEN, MIKE	31	24	1952	S	112SLBY	25.00	02/10/1965	1805
125N76W 1CCCC	SDWR	63	--	--	--	112SLBY	--	--	1795
125N76W 3BAB	HIMZMAN, EUGENE	16	--	--	S	112SLBY	--	--	1760
125N76W 3DCC	GRAD, DONALD	31	24	1963	H,S	112SLBY	12.00	08/31/1964	1756
125N76W 6BCC	LARSON, ARTHUR	15	--	--	S	112SLBY	12.00	10/06/1964	1690
125N76W 6DCC	LARSON, TILMER	20	36	--	S	112SLBY	15.00	09/02/1964	1694
125N76W 8BCC	SIMONS, FRANCIS	35	--	--	U	112SLBY	--	--	1708
125N76W 9DDDD	SALVERSON, DOUG	294	--	--	U	112GRND	--	--	1735
125N76W10	GRAD, DON	61	--	08/28/1980	H	112SLBY	20.00	08/28/1980	1760

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN CAMPBELL COUNTY - continued

LOCAL NUMBER	OWNER	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DATE COMPLETED	USE OF WATER	PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
125N76W10C	VANDER VORSTE,	292	--	04/06/1981	I	112GRND	--	--	1740
125N76W10CD	VANDER VORSTE,	295	--	--	U	112GRND	--	--	1735
125N76W10DDC	LAFMMLE, OTTO	40	3	09/ /1958	H,S	112SLBY	14.00	09/18/1964	1700
125N76W11CBB	GRAD, DONALD	29	24	1962	S	112SLBY	15.45	09/02/1964	1760
125N76W12DCA	ACKERMAN, JOHN	30	18	1955	H	112SLBY	15.00	08/31/1964	1790
125N76W13BCB	THEIS, LEVI	90	3	--	S	112SLBY	60.00	08/31/1964	1815
125N76W13DAC	BROCKEL, LEO	98	4	1960	H,S	112SLBY	65.00	08/31/1964	1800
125N76W14AAC	BROCKEL, LEO	256	--	--	U	112GRND	--	--	1790
125N76W14BBBB	SDWR	305	2-	06/13/1978	--	112GRND	--	--	1769
125N76W15AAB	VANDER VORSTE,	318	--	--	U	112GRND	--	--	1760
125N76W15B	VANDER VORSTE,	305	--	04/16/1981	--	112GRND	--	--	1745
125N76W15BCC	KAPFER, JOHN	315	--	--	U	112GRND	--	--	1740
125N76W15B2	VANDER VORSTE,	302	--	04/28/1981	--	112GRND	--	--	1740
125N76W15DBD	BROCKEL, KENNET	270	--	--	U	112GRND	--	--	1760
125N76W16ABC	LEISEN, ROBERT	280	--	--	U	112GRND	--	--	1745
125N76W16CAD	LEISEN, ROBERT	268	--	--	U	112GRND	--	--	1740
125N76W20BBBB	SDWR	263	--	--	--	112GRND	--	--	1721
125N76W22AA	BROCKEL, 1	1697	7	11/26/1969	U	211DKOT	--	--	1778
125N76W22CCA	BROCKEL, H	12	42	1926	S	112SLBY	7.00	06/18/1965	1765
125N76W22DDA	BROCKEL, H	23	30	1922	U	112SLBY	18.00	06/18/1965	1805
125N76W22DDA2	BROCKEL, H	60	16	1910	U	112SLBY	30.00	06/18/1965	1805
125N76W23DCD	MAYER, DALE	28	--	--	H	112SLBY	27.20	06/24/1965	1765
125N76W23DCD2	MAYER, DALE	28	--	--	S	112SLBY	--	--	1765
125N76W24DAA	VOLZKE, MARVIN	170	4	--	U	112SLBY	--	--	1765
125N76W25BAD	THEIS, LEVI	150	2	1948	S	112SLBY	60.00	08/31/1964	1762
125N76W26BAB	THEIS, LEVI	14	36	1925	H,S	112SLBY	6.00	08/31/1964	1760
125N76W27CCC	TWETE, ALLIE	14	24	--	S	112SLBY	9.00	08/31/1964	1720
125N76W28AAA	BROCKEL, ELMER	205	2	1957	H	112GRND	15.00	09/01/1964	1737
125N76W28DCD	BROCKEL, ELMER	34	4	1963	S	112SLBY	11.00	08/31/1964	1724
125N76W31CAA	GUSTAFSON, RAYM	12	2	1940	H	112SLBY	--	--	1700
125N76W31CCCC	SDWR	16	--	--	--	112SLBY	--	--	1708
125N77W 2DDD	SENFTNER, LAWRE	40	24	--	U	112SLBY	10.00	10/06/1964	1747
125N77W 3DBA	JILEK, V.	36	--	--	S	112PLSC	--	--	1855
125N77W 4CDD	VOJTA, JAMES	26	--	--	H,S	112PLSC	--	--	1942
125N77W 6AAA	DUPPER, HENRY	50	30	--	H	112PLSC	30.00	10/06/1964	1960
125N77W 7AAC	WESSEL, FRED	80	24	--	S	112PLSC	60.00	10/06/1964	1935
125N77W 7DAA	WESSEL, FRED	17	24	--	S	112PLSC	2.00	10/07/1964	1928
125N77W 8CCC	DUPPER, JOHN	28	36	--	S	112PLSC	9.00	10/08/1964	1920
125N77W11DAD	MYRAWS, DALE	60	6	04/ /1964	H,S	112SLBY	--	--	1740
125N77W13BBB	JOHNSON, VICTOR	62	24	1942	H,S	112SLBY	30.00	10/07/1964	1720

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN CAMPBELL COUNTY - continued

LOCAL NUMBER	OWNER	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DATE COMPLETED	USE OF WATER	PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
125N77W13DCA	JOHNSON, JOSEPH	55	4	04/ /1964	H,S	112SLBY	24.00	10/07/1964	1720
125N77W14CCD	JOHNSON, HILDIN	75	36	1956	H	112SLBY	50.00	10/05/1964	1755
125N77W15BAB	BARON, HENRY	27	24	--	H,S	112SLBY	--	--	1885
125N77W16ABA	PRASEK, ALBERT	35	36	1956	H,S	112PLSC	15.00	10/08/1964	1890
125N77W17DAD	EINARSRUD, OLAF	40	24	1914	H	112PLSC	28.00	10/08/1964	1880
125N77W18DCC	ANDERSON, ANDRE	100	24	--	H,S	112PLSC	--	--	1885
125N77W20ACA	HAEFNER, ALBERT	40	24	1956	H	112PLSC	15.00	10/08/1964	1880
125N77W22ABB	MYREN, PALMER	150	2	1945	--	112PLSC	70.00	10/08/1964	1800
125N77W22DDC	OPHEIM, OLAF	70	24	1945	S	112PLSC	30.00	10/05/1964	1785
125N77W25ABA	RITTER, MARVIN	260	3	1965	S	112GRND	31.13	06/21/1966	1719
125N77W25BDD	WAHL, MERLE E	100	4	1963	H,S	112SLBY	60.00	10/05/1964	1740
125N77W25DCC	RITTER, ALVIN	115	3	1959	S	112SLBY	16.00	10/05/1964	1722
125N77W25DCC2	RITTER, ALVIN	40	24	--	H	112SLBY	--	--	1725
125N77W27BBC	SALVERSON, MELV	110	24	1916	S	112SLBY	80.00	10/05/1964	1820
125N77W27BBC2	SALVERSON, MELV	130	24	1953	H	112SLBY	90.00	10/05/1964	1818
125N77W27CCA	OPHEIM, EDWARD	107	2	1952	H	112SLBY	28.00	10/05/1964	1760
125N77W28BDA	OLSON, CLEMENT	26	24	1942	H,S	112PLSC	24.00	10/08/1964	1810
125N77W30AB	WILHITE, I J	1832	7	11/21/1969	U	211DKOT	--	--	1850
125N77W30ABBC	THOMPSON, ROY	2360	2	02/03/1970	S,H	221SNDC	--	--	1875
125N77W30ABD	THOMPSON, RAY	65	24	1944	S	112PLSC	55.00	10/08/1964	1850
125N77W30ABD2	THOMPSON, RAY	16	24	1950	H	112PLSC	12.00	10/08/1964	1852
125N77W31DAD	STOWELL, HARRY	30	24	1961	S	112PLSC	--	--	1775
125N77W31DCC	STOWELL, HARRY	67	24	--	--	112PLSC	25.00	10/08/1964	1760
125N77W32DDB	BECKMAN, ARTHUR	60	24	--	H	112PLSC	39.00	10/08/1964	1790
125N77W33ADD	STEIGER, LEROY	45	24	--	H	112SLBY	38.00	10/07/1964	1760
125N77W33ADD2	STEIGER, LEROY	52	24	--	S	112SLBY	40.00	10/07/1964	1762
125N77W34DCAB	JENSON, EDWIN	23	18	1948	U	112SLBY	20.07	05/09/1956	1720
125N77W34DDB	JENSON, EDWIN	23	18	--	--	112SLBY	20.09	05/09/1956	1710
125N77W34DDB2	JENSON, EDWIN	60	24	1937	S	112SLBY	22.40	05/09/1956	1710
125N77W34DDB3	JENSON, EDWIN	165	2	1954	H,S	112SLBY	8.00	10/08/1964	1710
125N77W34DDB4	JENSON, EDWIN	165	2	1954	H,S	112SLBY	16.00	05/09/1956	1712
125N77W35CDB	OPHEIM, ALTON	16	48	1934	H,S	112SLBY	15.50	05/09/1956	1710
125N77W36AAC	RITTER, ALVIN	220	--	--	U	112GRND	--	--	1710
125N77W36CBB	RYGH, ANTON	126	1.50	1962	H	112SLBY	56.00	10/05/1964	1715
125N77W36CDB	WAHL, MERLE E	115	3	08/ /1963	S	112SLBY	--	--	1720
125N77W36DDDD	SDWR	256	--	--	--	112GRND	--	--	1709
125N78W 1DCC	STEIGER, CLAYTO	74	24	1906	H,S	112PLSC	28.00	10/06/1964	1960
125N78W 2CBB	HANSON, VERNON	60	24	1930	S	112PLSC	--	--	1985
125N78W 4DDA	STRASSER, GENE	2472	--	1965	H	211DKOT	184.00	01/ /1965	1940
125N78W 4DDD	HANSON, WILLIS	62	24	--	H,S	112PLSC	28.90	10/07/1964	1951

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LOCAL NUMBER	OWNER	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DATE COMPLETED	USE OF WATER	PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
125N78W 5AAAD	GOVERNMENT, U.S	2400	4	--	S	221SNDC	F	--	1620
125N78W 8D	BROCKEL, ELLERY	95	--	03/25/1981	--	112PLSC	--	--	1900
125N78W 9AD	BROCKEL, ELLERY	65	4	10/26/1982	H	112PLSC	50.00	10/26/1982	1935
125N78W 9ADB	CARTER	70	24	1961	H,S	112PLSC	30.00	10/07/1964	1930
125N78W 9ADC	CARTER, JOHN	40	24	1962	H,S	112PLSC	14.00	10/07/1964	1918
125N78W 9CBC	BROCKEL, JOHN	70	24	1962	H,S	112PLSC	60.00	10/07/1964	1900
125N78W11ABA	STEIGER, MILTON	80	24	1940	H,S	112PLSC	40.00	10/07/1964	1973
125N78W11CCBA	ANDERSON, TED	2554	2	09/17/1976	S,H	221SNDC	F	--	2000
125N78W12CCB	ANDERSON, CALVI	100	24	1964	H,S	112PLSC	55.00	10/08/1964	1959
125N78W13BCC	TRONSON, ARDEN	50	24	1957	H,S	112PLSC	18.00	10/07/1964	1941
125N78W15CDA	ANDERSON, PALME	28	24	1954	H,S	112PLSC	18.00	10/08/1964	1900
125N78W17DCC	WESSEL, FRED	80	24	--	S	112PLSC	60.00	10/07/1964	1910
125N78W20AAA	KRAMLICH, ED	100	4	1962	H,S	112PLSC	15.00	10/07/1964	1925
125N78W22CCC	BOHLANDER, JACK	28	24	1936	H	112PLSC	8.00	10/08/1964	1836
125N78W25DBB	TRONSON, A. K	52	24	--	H	112PLSC	35.00	10/08/1964	1870
125N78W27AACC	RABENBERG, ROSE	2298	2	03/19/1964	H,S	217INKR	F	--	1855
125N78W28ADD	NORDSTROM, EDWI	28	24	1949	H	112PLSC	16.00	10/08/1964	1805
125N78W28BAA	ESPELAND, EARL	60	24	1928	H,S	112PLSC	55.00	10/07/1964	1875
125N78W32BCB	AMUNDSON, W. J	110	24	--	H,S	112PLSC	60.00	10/08/1964	1847
125N78W33ACD	KLIEN	70	24	1924	H,S	112PLSC	54.00	10/08/1964	1760
125N78W33AD	STEIGER, LEROY	49	--	--	H	112PLSC	48.00	--	1750
125N78W33DDD	ANDERSON, MARTI	28	24	1949	D	112PLSC	14.00	10/08/1964	1740
125N78W34DAA	BOHLANDER, J G	35	24	1940	H	112PLSC	20.00	10/08/1964	1805
125N78W35BCA	BOHLANDER, ALFR	16	4	1952	H	112PLSC	11.00	10/08/1964	1815
125N79W22D	SCHAEFBAUER, JO	60	5	07/08/1978	H	112PLSC	30.00	07/08/1978	1711
125N79W22DAA	AMUNDSON, NORDA	80	3	--	H,S	112PLSC	--	--	1710
125N79W34DDD	SKILLINGSTAD, H	123	24	--	H,S	112PLSC	117.00	10/08/1964	1880
126N74W 2BC	HOFF, JACOB	75	--	--	S	112SLBY	--	--	1812
126N74W 6ABB	BECK, ARTHUR	39	24	--	H	112SLBY	28.00	09/04/1964	1812
126N74W 6ABB2	BECK, ARTHUR	202	4	1938	H,S	112SLBY	85.00	09/04/1964	1810
126N74W 7ABD	HEISER, WALTER	60	24	1914	S	112SLBY	50.00	11/06/1964	1800
126N74W 7CBD	HEISER, WALTER	48	24	--	H,S	112SLBY	36.00	11/06/1964	1812
126N74W 9AAA	OTTENBACHER, OS	92	24	1962	H,S	112SLBY	56.00	11/03/1964	1860
126N74W10CB	OTTENBACHER, AD	72	2	07/16/1980	H	112SLBY	--	--	1865
126N74W10CBA	SCHICK, HERBERT	60	24	1920	H,S	112SLBY	50.00	09/04/1964	1810
126N74W11BCC	HOFF, EDWIN F	35	24	--	H,S	112SLBY	17.00	09/04/1964	1865
126N74W12CA	OTTENBACHER, GO	220	6	--	H,S	112SLBY	100.00	09/03/1964	1872
126N74W13CBC	FRIEMARK, JOHN	94	24	1930	H,S	112SLBY	54.00	09/03/1964	1885
126N74W14AAA	KNOEPFLE, DELBE	80	24	1930	H,S	112SLBY	72.00	09/03/1964	1815
126N74W18ADB	WIEDMEIER, PHIL	50	1.25	--	H,S	112SLBY	35.00	11/03/1964	1830

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN CAMPBELL COUNTY - continued

LOCAL NUMBER	OWNER	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DATE COMPLETED	USE OF WATER	PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
126N74W19BBBB	SDWR	300	--	--	--	112GRND	--	--	1775
126N74W21BAC	EISEMAN, BRUNO	110	24	1918	H,S	112SLBY	102.00	09/04/1964	1850
126N74W22BBB	FISCHER, ART M	150	24	1918	H,S	112SLBY	130.00	09/04/1964	1810
126N74W22DAC	KELLEY, BRUCE	190	4	1924	H,S	112SLBY	90.00	09/04/1964	1855
126N74W23CC	OBERLANDER, MEL	60	24	--	S	112SLBY	40.00	09/04/1964	1830
126N74W23DCC	SCHICK, OTTO W	50	24	1949	H,S	112SLBY	30.00	09/03/1964	1802
126N74W24BBBB	SDWR	328	--	--	--	112GRND	--	--	1850
126N74W25CCC	RAILE, GEORGE	20	24	--	S	112SLBY	--	--	1805
126N74W28CDC	GOETZ, SAM	12	24	11/ /1961	H,S	112SLBY	4.00	09/03/1964	1780
126N74W31BBC	LINDEMANN, ELME	11	--	1931	S	112SLBY	9.00	09/02/1964	1745
126N74W31CBD	--	45	30	1948	S	112SLBY	37.00	09/03/1964	1760
126N74W32A	KOLB, LEROY	122	8	03/18/1980	H	112SLBY	--	--	1700
126N74W32DAA	METZGER, WALTER	12	24	1959	H,S	112SLBY	3.00	09/03/1964	1750
126N74W33BAC	GOETZ, SAM	200	4	--	--	112SLBY	--	--	1752
126N75W 3CCA	QUENZER, ED	150	5	1954	H,S	112SLBY	30.00	10/06/1964	1825
126N75W 3CDB	QUENZER, EDWARD	125	5	1959	S	112SLBY	30.00	10/06/1964	1825
126N75W 3CDC	QUENZER, EDWARD	20	2.50	--	S	112SLBY	10.00	10/06/1964	1832
126N75W 3DBB	QUENZER, ADAM	170	3	1962	H,S	112SLBY	50.00	10/06/1964	1815
126N75W 4BAB	FOLLMER, RUDY	30	12	--	S	112SLBY	17.00	10/06/1964	1805
126N75W 4BAB2	FOLLMER, RUDY	30	--	--	H	112SLBY	15.00	10/06/1964	1805
126N75W 4D	QUENZER, EDWARD	234	--	05/16/1980	--	112SLBY	--	--	1785
126N75W 5ACA	SCHAEFFER, CHRI	13	8	1958	S	112SLBY	8.00	10/06/1964	1775
126N75W 5ADB	SCHAEFFER, CHRI	80	18	--	S	112SLBY	12.00	10/06/1964	1775
126N75W 7DAAA	SDWR	388	--	--	--	112GRND	--	--	1772
126N75W 8AA	WILHITE	1729	7	--	--	211DKOT	--	--	1787
126N75W12BBB	SCHAFFER, ALBER	20	18	--	S	112SLBY	--	--	1800
126N75W13BBA	BECK, OTTO	70	24	1949	H,S	112SLBY	48.00	11/06/1964	1800
126N75W15AAA	SCHICK, WILLIAM	80	24	1944	S	112SLBY	40.00	11/03/1964	1820
126N75W15AAA2	SCHICK, WILLIAM	24	24	1955	H	112SLBY	16.00	11/03/1964	1820
126N75W15BCC	QUENZER, ALBERT	35	6	1958	S	112SLBY	14.00	--	1816
126N75W15DCC	QUENZER, ALBERT	190	--	04/14/1982	H	112SLBY	70.00	04/14/1982	1802
126N75W21DDA2	SCHAFFER, WILLI	16	4	1940	S	112SLBY	10.00	11/03/1964	1800
126N75W23DDD	BAUER, WALTER G	60	24	--	S	112SLBY	20.00	11/03/1964	1780
126N75W23DDD2	BAUER, WALTER G	72	24	1952	H	112SLBY	35.00	11/03/1964	1780
126N75W24AAB	BECK, OTTO	80	24	--	H,S	112SLBY	--	--	1750
126N75W25BC	FISCHER, ERWIN	127	--	--	U	112SLBY	--	--	1760
126N75W26AA	BAUER, WALTER	150	--	--	U	112SLBY	--	--	1771
126N75W26CCCC	SDWR	171	--	--	--	112SLBY	--	--	1785
126N75W27BB	--	30	6	1943	S	112SLBY	--	--	1800
126N75W27CCC	GRENZ, WILMER	90	24	1918	H,S	112SLBY	80.00	09/02/1964	1774

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN CAMPBELL COUNTY - continued

LOCAL NUMBER	OWNER	DEPTH OF WELL (FEET)	CASING DIAMETER (INCHES)	DATE COMPLETED	USE OF WATER	PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
126N75W28DDA	HOLZWORTH, ERVI	20	36	1920	H,S	112SLBY	--	--	1750
126N75W31BDAC	GRENZ, WILMER	75	--	--	U	112SLBY	--	--	1742
126N75W32BCC	LINDEMANN, ALFR	12	21	--	S	112SLBY	10.00	09/02/1964	1740
126N75W33BCB	SEILER, LOYD	20	36	1930	S	112SLBY	20.00	09/03/1964	1740
126N75W35BDD	RAU, PERRY	90	24	--	S	112SLBY	85.00	09/02/1964	1800
126N76W 3BCA	ROSSOW, J F	10	96	--	H,S	112SLBY	F	--	1685
126N76W 3DDB	WESSEL, HILMER	30	36	--	H,S	112SLBY	F	--	1675
126N76W 5CCC	KOSEL, RIENOLD	14	--	1964	H,S	112SLBY	--	--	1684
126N76W 6ADD	KOSEL, PAUL	13	24	--	--	112SLBY	--	--	1685
126N76W 8AAC	STARKEY, SHIRLE	30	--	--	U	112SLBY	--	--	1705
126N76W 8DCC	MARTIN, THOMAS	38	--	--	U	112SLBY	--	--	1685
126N76W 8DDB	QUENZER, BONITA	38	--	--	U	112SLBY	--	--	1696
126N76W 9BAC	BAKERS DOZ, MAR	280	--	--	U	112GRND	--	--	1695
126N76W 9BCC	MARTIN, MAYNARD	20	48	--	H,S	112SLBY	10.00	09/22/1964	1690
126N76W 9BDC	MARTIN, STEVE	38	--	--	U	112SLBY	--	--	1695
126N76W 9CCA	MARTIN, MAYNARD	120	--	--	U	112SLBY	--	--	1690
126N76W 9DBD	--	235	8	12/21/1981	I	112GRND	35.00	12/21/1981	1700
126N76W10ABA	WESSEL, DIMER	90	24	1961	H,S	112SLBY	24.00	09/22/1964	1652
126N76W11BCB	WESSEL, OMER	15	48	--	S	112SLBY	--	--	1652
126N76W11DCD	WESSEL, OMER	20	18	1961	S	112SLBY	--	--	1710
126N76W15BBD	FELLOWS, CAROL	30	--	--	U	112SLBY	--	--	1688
126N76W15CCCC	USGS	237	1	1967	U	112GRND	22.00	05/ /1967	1688
126N76W15CDC	KOSEL, SAM	16	--	1940	H,S	112SLBY	10.00	09/02/1964	1690
126N76W15DCC2	GRENZ, JOE	50	24	1960	H,S	112SLBY	18.00	11/03/1964	1700
126N76W16ADA	ROSSOW, J	24	24	03/ /1964	S	112SLBY	--	--	1700
126N76W16BDA	MARTIN, G	30	--	--	U	112SLBY	--	--	1690
126N76W16CBA	MARTIN, DUANE	40	--	--	U	112SLBY	--	--	1687
126N76W16CCCC	MOUND CITY, CIT	260	12	09/01/1978	P	112GRND	--	--	1687
126N76W17C	MOUND CITY, CIT	25	--	--	P	112SLBY	25.00	03/30/1960	1729
126N76W17CCA	MOUND CITY, CIT	55	--	--	P	112SLBY	30.00	08/18/1964	1708
126N76W17CCA2	MOUND CITY, CIT	69	--	1964	P	112SLBY	52.00	08/18/1964	1710
126N76W17CCC	MOUND CITY, CIT	59	--	1959	P	112SLBY	20.00	08/18/1964	1724
126N76W17CCD	KIGHTLINGER, OR	20	24	--	H	112SLBY	20.00	02/10/1965	1724
126N76W17CCD2	MOUND CITY, CIT	69	--	1964	P	112SLBY	52.00	08/18/1964	1710
126N76W18DBA	MOUND CITY, CIT	2189	2	04/05/1965	P	221SNDC	231.00+	04/14/1965	1743
126N76W18DCC	HEISLER, BEN	60	24	1954	S	112SLBY	--	--	1791
126N76W21DAA	SCHAFFER, H	270	--	--	U	112GRND	--	--	1697
126N76W21DDA	SCHAFFER, WILLI	110	4	1960	H	112SLBY	45.00	11/03/1964	1700
126N76W21DDA2	SCHAFFER	18	6	1960	H,S	112SLBY	--	--	1700
126N76W22AAAA	SDWR	32	--	--	--	112SLBY	--	--	1708

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN CAMPBELL COUNTY - continued

LOCAL NUMBER	OWNER	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DATE COMPLETED	USE OF WATER	PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
126N76W22ACB	GOEHRING, MAYNA	60	30	1963	H,S	112SLBY	12.00	09/02/1964	1712
126N76W22CCA	SCHAFFER, H C M	160	--	--	U	112SLBY	--	--	1710
126N76W22D	SCHAEFF, H	255	--	--	--	112GRND	--	--	1730
126N76W23AAD	GOEHRING, WILBE	45	18	--	H,S	112SLBY	35.00	09/02/1964	1688
126N76W24CBC	MOSER, TED	60	24	09/02/1964	H,S	112SLBY	--	--	1745
126N76W29BBB	MITZEL, ALEX	12	2	--	S	112SLBY	--	--	1703
126N76W29BD	MITZEL, ALEX	30	--	--	U	112SLBY	--	--	1680
126N76W29C	MARTIN, DUANE	30	--	--	U	112SLBY	--	--	1682
126N76W29CBC	MITZEL, ED	15	1.50	09/02/1964	H,S	112SLBY	--	--	1680
126N76W30D	MARTIN, DUANE	30	--	--	U	112SLBY	--	--	1690
126N76W30DADD	SDWR	33	--	--	--	112SLBY	--	--	1687
126N76W32AAAA	SDWR	259	--	--	--	112GRND	--	--	1693
126N76W33CAA	KROKEL, HERMAN	26	36	1950	H,S	112SLBY	9.00	09/02/1964	1705
126N76W34BAA	GOEHRING, KARL	21	24	--	--	112SLBY	12.50	09/02/1964	1735
126N76W35CCD	HINZMAN, ALBERT	33	24	1959	H,S	112SLBY	--	--	1766
126N77W 1CCA	RODENBURG, WILL	42	24	1961	H	112SLBY	23.60	09/22/1964	1710
126N77W 2CBB	PIEBERT, TED	40	24	1962	H,S	112PLSC	22.00	09/25/1964	1730
126N77W 4DBB	--	250	6	1963	H,S	112PLSC	--	--	1900
126N77W 5DCA	MONTHYE, ERVIN	32	24	--	H,S	112PLSC	10.00	11/18/1964	1835
126N77W 7CBD2	HEISER, WALTER	22	24	1940	S	112PLSC	16.00	09/04/1964	2005
126N77W 7DBA	JILEK, ANNA	37	2.50	1950	S	112PLSC	20.00	11/18/1964	1955
126N77W 8BAA	MITTLEIDER, WAL	16	3	--	H,S	112PLSC	8.00	11/17/1964	1850
126N77W 8DCC	SCHLINKERT, R H	65	24	1960	H,S	112PLSC	55.00	09/25/1964	1976
126N77W11ACB	SCHUETZLE, HILM	35	24	--	H,S	112PLSC	--	--	1740
126N77W12CCB	GRAD, FRANK	85	24	--	H,S	112PLSC	--	--	1815
126N77W13CDD	SCHUETZLE, ED	90	24	1954	S	112PLSC	--	--	1776
126N77W13DDC	RITTER, RALPH	87	24	1930	S	112PLSC	--	--	1805
126N77W17CDD	FENSKE, CARL	250	6	--	H	112PLSC	--	--	1955
126N77W17CDD2	FENSKE, CARL	65	24	--	H,S	112PLSC	55.00	09/25/1964	1975
126N77W20BCB	VOJTA, JOHN	31	42	1931	H,S	112PLSC	12.00	09/25/1964	1980
126N77W21CCD	DUPPER, HILMER	40	24	1956	H	112PLSC	--	--	1882
126N77W22ABA	SCHUETZLE, JACO	70	24	1956	H,S	112PLSC	60.00	10/06/1964	1860
126N77W23A	WULF, FLOYD	45	--	--	H,S	112PLSC	--	--	1735
126N77W24AAB	RITTER, RALPH	107	24	08/ /1964	H,S	112PLSC	37.00	09/22/1964	1800
126N77W24BCD	RITTER, HERBERT	100	24	1923	H,S	112PLSC	--	--	1734
126N77W26AAB	STEIGER, ED	65	24	1957	H,S	112PLSC	35.00	10/06/1964	1732
126N77W27DAB	ANDERSON, GEORG	38	24	1961	H,S	112PLSC	22.00	10/06/1964	1812
126N77W30CCC	WIENTJES, EMMA	100	24	1944	S	112PLSC	90.00	09/25/1964	2008
126N77W32CCC	WERNER, ALVIN	60	24	1937	S	112PLSC	30.00	10/06/1964	1960
126N77W32DCB	SENFTNER, LAWRE	80	24	1926	H,S	112PLSC	14.81	10/06/1964	1985

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126N77W33DDD	PRASEK	50	24	1963	S	112SLBY	--	--	1885
126N78W 1AAD	MICKELSON, MART	60	24	1964	S	112PLSC	20.00	11/18/1964	1980
126N78W 1CBA	ODDE, CARL	38	24	1963	H,S	112PLSC	15.00	11/18/1964	1980
126N78W 2DDD	ANDERSON, ELIZA	58	24	1951	H	112PLSC	28.00	11/18/1964	1990
126N78W 3AAB	SJOMELING, HOWA	2515	2.50	01/ /1970	--	221SNDC	F	--	1992
126N78W 3DCB	LARSON, ENGOLF	46	24	11/ /1964	H,S	112PLSC	30.00	11/18/1964	1950
126N78W 9C	CATTLE CO, HORS	1860	6	1906	--	211DKOT	--	--	1960
126N78W11BBC	BEED, RAYMOND	75	24	1957	H,S	112PLSC	45.00	11/18/1964	2000
126N78W12ACC	GUNDERSON, ARNI	60	24	10/ /1964	S	112PLSC	15.00	11/18/1964	2000
126N78W14C	GOVERNMENT, US	1700	--	--	S	211DKOT	F	--	2003
126N78W23B	SDWR	1960	6	1912	--	211DKOT	--	--	1850
126N78W25DDD	WIENTJES, EMMA	165	24	1920	S	112PLSC	140.00	09/25/1964	2005
126N78W33	CATTLE CO, HORS	2020	6	1907	--	211DKOT	--	--	2010
126N78W35CDD	PEKELDER, ALMA	100	24	--	H,S	112PLSC	60.00	10/06/1964	1980
126N78W36AAA	WIENTJES, EMMA	80	24	1962	H	112PLSC	68.00	09/25/1964	1984
127N74W 1CB	DIEDE, AARON	17	--	1949	H	112PLSC	3.00	09/16/1964	2008
127N74W 1CCB	DIEDE, HENRY	18	36	--	H,S	112PLSC	10.00	11/05/1964	1855
127N74W 3DDD	KNOEPFLE, RAYMO	17	24	1945	H,S	112PLSC	14.00	11/05/1964	1860
127N74W 5DBB	GRENZ, GEORGE	35	24	--	H,S	112PLSC	--	--	1890
127N74W 7ADD	SCHERLE, RUBEN	60	24	--	H,S	112PLSC	42.00	11/03/1964	1900
127N74W 8CDD	BENTZ, CHRISTIA	22	36	1949	H,S	112PLSC	17.00	11/03/1964	1885
127N74W 8DC	BENG, DARREL	80	4	11/05/1982	H	112PLSC	25.00	11/05/1982	1865
127N74W11ABB	LUTZ, ADAM	30	18	1946	H,S	112PLSC	28.00	11/05/1964	1865
127N74W11C	KNOEPFLE, RON	60	--	07/27/1982	S	112PLSC	11.00	07/27/1982	1860
127N74W11CCB	KNOEPFLE, HERBE	40	36	1945	S	112PLSC	20.00	11/05/1964	1835
127N74W15BBD	KNOEPFLE, ARTHU	12	15	--	H,S	112PLSC	2.00	11/06/1964	1842
127N74W17DB	NEWHARTH, ROBER	82	--	02/17/1980	S	112PLSC	--	--	1815
127N74W18DBA	ROHRBACH, EDWIN	75	30	--	H,S	112PLSC	60.00	11/03/1964	1860
127N74W21BBD	STAEBNER, REINH	60	24	1929	H,S	112PLSC	58.00	11/06/1964	1865
127N74W23BAB	KNOEPFLE, LESLI	42	18	09/16/1964	H,S	112PLSC	18.00	09/16/1964	1850
127N74W24CCC	OSTER, BROS.	24	24	1959	S	112PLSC	10.00	09/16/1964	1850
127N74W28C	GRENZ, ERVIN	30	--	--	S	112PLSC	15.00	02/05/1965	1855
127N74W29AAD	GRENZ, ERWIN	60	--	--	H,S	112PLSC	--	--	1812
127N74W29AAD2	GRENZ, ERVIN	56	--	--	H	112PLSC	--	--	1830
127N74W30DBA	BECK, EDWIN	87	4	1955	H	112PLSC	67.00	11/03/1964	1830
127N74W31ADD	BECK, ALBERT	100	24	1961	H,S	112SLBY	70.00	11/06/1964	1845
127N74W31D	BECK, ARTHUR	60	24	--	S	112SLBY	32.00	09/04/1964	1835
127N74W33BCC	EHRMANN, FRED	47	24	--	H,S	112SLBY	15.00	11/06/1964	1840
127N74W33DDD	EHRMANN, EDWIN	60	24	--	H,S	112SLBY	30.00	09/04/1964	1780
127N74W35ADD	DIEDE, NORMAN	15	36	1929	H,S	112SLBY	6.50	09/16/1964	1801

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN CAMPBELL COUNTY - continued

LOCAL NUMBER	OWNER	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DATE COMPLETED	USE OF WATER	PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
127N74W35ADD2	DIEDE, NORMAN	50	24	1949	S	112SLBY	--	--	1800
127N74W35CA	SINS, ALBERT	62	2	07/02/1980	H	112SLBY	--	--	1810
127N75W 6ACB	HOFER, JACOB	41	24	1956	H,S	112SPCK	20.00	11/05/1964	1810
127N75W 7AAA	ORTH, WALTER D	32	24	--	S	112PLSC	12.00	11/03/1964	1760
127N75W 8BAD	STUGELMEIER, HA	28	14	--	H,S	112PLSC	6.00	11/03/1964	1840
127N75W 9CCD	RENZ, AUGUST	32	24	1956	S	112PLSC	6.00	11/03/1964	1857
127N75W 9DAD	LANG, JACOB	45	24	1962	S	112PLSC	23.00	11/03/1964	1854
127N75W10BDD	ROHRBACK, HERBE	25	24	1946	H,S	112PLSC	18.00	11/03/1964	1870
127N75W11DBB	VILHAUER, GEORG	30	24	--	H,S	112PLSC	18.00	11/03/1964	1870
127N75W12BDD	FISCHER, OTTO	60	24	1959	H,S	112PLSC	30.00	11/03/1964	1855
127N75W13CDB	ROSSOW, RONALD	80	24	1959	H,S	112PLSC	--	--	1875
127N75W17DB	HUBER, ART	28	24	1919	S	112PLSC	16.00	10/07/1964	1850
127N75W18DCA	BERNDT, ADAM H	55	30	--	S	112PLSC	40.00	09/23/1964	1840
127N75W18DCA2	BERNDT, ADAM H	45	30	1960	H	112PLSC	30.00	09/23/1964	1835
127N75W19ABB	BERNDT, LAUREN	60	36	1959	H,S	112PLSC	50.00	09/23/1964	1835
127N75W22DAD	--	48	24	--	H,S	112PLSC	20.00	11/03/1964	1846
127N75W27BBD	HUBER, ANDREW	45	24	--	S	112PLSC	--	--	1830
127N75W29BBB	RUEB, CARL	50	36	1944	H,S	112PLSC	30.00	09/22/1964	1850
127N75W29BDD	RUEB, CARL	50	24	1950	S	112PLSC	--	--	1810
127N75W30AB	BERNDT	20	24	--	S	112PLSC	5.00	09/23/1964	1820
127N75W31CAA	SCHAEFFER, EMIL	33	24	1920	H,S	112SLBY	16.00	11/06/1964	1800
127N75W34DAB	HUBER, CHRIST	36	36	1951	H	112SLBY	--	--	1770
127N75W34DAC	HUBER, CHRIST	90	36	1959	S	112SLBY	--	--	1835
127N75W35DBB	QUENZER, ARTHUR	20	26	--	S	112SLBY	7.00	11/06/1964	1830
127N75W36BDD	SCHAEFFER, GOTT	18	36	1932	S	112SLBY	12.00	11/06/1964	1810
127N76W 2ADC	NOLZ, PHILLIP	50	4	1959	H	112SPCK	--	--	1820
127N76W 3AAD	SCHMIDT, WALTER	15	36	--	S	112SPCK	8.00	11/05/1964	1725
127N76W 5ADD	BRANDNER, LAWRE	24	36	1906	H,S	112SPCK	16.00	09/24/1964	1720
127N76W 5ADD2	BRANDNER, LAWRE	220	4	05/ /1966	H,S	112GRND	58.22	09/28/1966	1720
127N76W 5CCBC	HERREID, CITY	20	84	1965	P	112SPCK	11.71	12/16/1966	1720
127N76W 6D	SAYLER, ALLAN	260	8	03/30/1980	H	112GRND	--	--	1710
127N76W 7	HERREID, CITY	230	--	09/23/1980	--	112GRND	--	--	1710
127N76W 7ADBA	HERREID, CITY	27	96	1959	P	112SPCK	--	--	1720
127N76W 7ADBC	HERREID, CITY	283	10	1980	P	112GRND	--	--	1680
127N76W 7ADC	BERNDT, B E	185	18	1948	S	112GRND	13.00	10/07/1964	1685
127N76W 7ADC2	HERREID, CITY	260	8	08/ /1966	P	112GRND	35.94	10/04/1967	1685
127N76W 7DAA	HERREID, CITY	20	84	1964	P	112SPCK	11.00	08/19/1964	1685
127N76W 8BCCC	HERREID, CITY	27	96	1961	P	112SPCK	15.00	08/19/1964	1680
127N76W 8BCCD2	USGS	26	1.25	06/14/1966	I	112SPCK	15.38	06/14/1966	1684
127N76W 8BCCD3	USGS	26	1.25	06/14/1966	U	112SPCK	15.38	06/14/1966	1684

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN CAMPBELL COUNTY - continued

LOCAL NUMBER	OWNER	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DATE COMPLETED	USE OF WATER	PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
127N76W 8BCDC	HERREID, CITY	20	48	1949	P	112SPCK	--	--	1683
127N76W 8BCDD	HERREID, CITY	33	36	1952	P	112SPCK	--	--	1680
127N76W 8BCDD	HERREID, CITY	26	96	1956	P	112SPCK	8.00	08/19/1964	1684
127N76W 8BCDD2	HERREID, CITY	26	96	1956	P	112SPCK	8.00	08/19/1964	1684
127N76W 8CBBA	HERREID, CITY	32	--	1973	P	112SPCK	--	--	1682
127N76W 9CAB	BRANDNER, JOE D	12	--	1900	H,S	112SPCK	10.00	09/22/1964	1715
127N76W10BC	RODE, FRANK	90	24	--	S	112SPCK	--	--	1750
127N76W10CCC	FEIST, PETER	45	2.50	07/ /1963	H,S	112SPCK	--	--	1723
127N76W12ACB	FJELDHEIM, LARR	34	18	--	H,S	112PLSC	12.00	11/03/1964	1800
127N76W14ACC	BAUER, OTTO	50	24	1963	S	112PLSC	10.00	10/09/1964	1790
127N76W14ACC2	BAUER, OTTO	33	24	--	H	112PLSC	10.00	10/09/1964	1795
127N76W15BCC	SCHAEFBAUER, SI	45	--	--	H,S	112SPCK	30.00	09/22/1964	1760
127N76W15CAD	SCHILLINGSTAD,	61	24	1961	H,S	112SPCK	30.00	09/22/1964	1773
127N76W16CCD	SCHAEFBAUER, FR	30	24	1958	H,S	112SPCK	15.00	09/22/1964	1670
127N76W19DBC	HUGHES, D	237	3	1964	H,S	112GRND	--	--	1670
127N76W19DDDD	USGS	240	2	1965	U	112GRND	37.00	09/ /1965	1675
127N76W23	BAUER, ALTON	100	--	--	U	112PLSC	--	--	1770
127N76W23ABB	BAUER, ALVIN	30	24	08/ /1964	S	112PLSC	--	--	1770
127N76W25CCB	FISCHER, EDWIN	80	24	1954	H,S	112PLSC	60.00	09/22/1964	1776
127N76W28DCD	ROSSOW, MARVIN	30	24	--	H,S	112PLSC	15.00	11/06/1964	1695
127N76W29BCB	ROSSOW, E. G	4	48	--	S	112PLSC	2.50	09/21/1964	1775
127N76W30DAD	ROSSOW, E G	224	3	1959	S	112GRND	45.00	09/21/1964	1685
127N76W30DAD2	ROSSOW, E. G	27	24	1950	--	112PLSC	12.00	09/21/1964	1690
127N76W31CBB	WEISBECK, JOHN	243	3	1963	S	112GRND	60.00	09/21/1964	1690
127N76W31DBA	WEISBECK, JOHN	236	4	1962	S	112GRND	70.00	08/10/1966	1700
127N76W31DDB	WEISBECK, JOHN	254	3	1961	S	112GRND	--	--	1700
127N76W31DDD	WEISBECK, JOHN	247	3	1961	H,S	112GRND	56.00	09/21/1964	1700
127N76W31DDD2	WEISBECK, JOHN	20	24	1951	H	112SLBY	16.00	09/21/1964	1700
127N76W31DDD3	WEISBECK, JOHN	270	4	09/ /1964	S	112GRND	--	--	1701
127N76W32BDC	ROSSOW, EARL	37	36	--	S	112SLBY	7.00	11/06/1964	1700
127N76W32CAD	ROSSOW, JEROME	235	3	1962	S	112GRND	45.00	11/06/1964	1704
127N76W32CAD2	ROSSOW, JEROME	44	36	1942	H	112SLBY	17.00	11/06/1964	1704
127N76W32CCCC	SDWR	285	--	--	--	112GRND	--	--	1697
127N76W33CBA	ROSSOW, JEROME	267	3	1959	S	112GRND	40.00	11/06/1964	1710
127N76W36	THORSENSON, KEN	45	8	07/07/1980	S	112SLBY	--	--	1750
127N76W36ABA	FISCHER, EDWIN	70	24	1944	S	112SLBY	35.00	09/22/1964	1760
127N77W 1BBA	BERNDT, LABOLT	22	28	1956	S	112SPCK	18.00	11/02/1964	1660
127N77W 2BBA	WEISBECK	45	6	1946	H,S	112SPCK	42.00	11/02/1964	1700
127N77W 2DDD	HUBER, LOUIS	14	7	1962	H	112SPCK	12.00	11/17/1964	1690
127N77W 3CCCC	USGS	210	2	1965	U	112GRND	31.00	11/ /1965	1670

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN CAMPBELL COUNTY - continued

LOCAL NUMBER	OWNER	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DATE COMPLETED	USE OF WATER	PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
127N77W 3DAD	LANG, LOUISE	20	4	1964	S	112SPCK	--	--	1670
127N77W 4AAC	MITTLEIDER, DEN	265	--	--	U	112GRND	--	--	1710
127N77W 4CBA	MITTLEIDER, WAL	212	6	1964	H,S	112GRND	45.00	11/17/1964	1670
127N77W 5AAC	MITTLEIDER	200	4	1964	S	112GRND	30.00	11/17/1964	1670
127N77W 5AAC2	MITTLEIDER, MER	18	72	--	S	112SPCK	--	--	1670
127N77W 5AAC3	MITTLEIDER, MER	25	24	1962	H	112SPCK	--	--	1670
127N77W 5DA	MITTLEIDER, 1	1715	7	12/22/1969	U	211DKOT	--	--	1640
127N77W10CDB	HUBER, GEORGE B	11	36	1947	S	112SPCK	7.00	09/23/1964	1660
127N77W10CDB2	HUBER, GEORGE B	23	--	--	H	112SPCK	9.00	02/10/1965	1660
127N77W11DBB	SCHAEFBAUER, AU	25	24	1950	H	112SPCK	15.00	09/23/1964	1670
127N77W13BAD	BERNDT, B	20	18	04/ /1961	S	112SPCK	--	--	1670
127N77W13CCC	HUBER, ARTHUR	223	5	1963	H,S	112GRND	35.00	09/23/1964	1670
127N77W15DAD	WERNER, W A	38	18	05/22/1959	S	112SPCK	--	--	1670
127N77W15DDC	WERNER, W A	60	24	1961	H,S	112SPCK	10.00	09/23/1964	1680
127N77W17DCC	TOLSTED, GLENN	32	32	1939	S	112SPCK	19.00	09/23/1964	1700
127N77W18ADC	BRANDNER, ROLAN	65	24	1960	S	112PLSC	11.00	11/19/1964	1750
127N77W21BCCB	DEIBERT, CLAREN	2266	2	02/10/1968	S,H	221SNDC	--	--	1725
127N77W21BDC	DEIBERT, CLAREN	85	12	--	H,S	112SPCK	40.00	09/23/1964	1720
127N77W22BBC	SALVERSON, MELV	80	24	1900	S	112SPCK	--	--	1710
127N77W23DBB	HAGUE, ROBERT	235	6	1962	H,S	112GRND	20.00	09/23/1964	1712
127N77W24BBB	PERMAN, EMIL	60	24	1955	S	112PLSC	--	--	1672
127N77W29BAA	LOVO, JOHN	27	24	--	--	112PLSC	5.00	11/19/1964	1750
127N77W31CBD	DEIBERT, LEONHA	28	24	--	H,S	112PLSC	25.00	11/18/1964	1880
127N77W33CCC	SCHAEFFER, EDWA	21	24	--	S	112PLSC	6.00	09/25/1964	1910
127N77W34DCC	SCHUETZLE, MILT	42	24	1960	H,S	112PLSC	12.00	09/25/1964	1750
127N77W36DDD	KOSEL, PAUL	20	24	1959	S	112SLBY	--	--	1680
127N78W 5CAC	DIENERT, H J	40	36	--	H	112PLSC	20.00	11/17/1964	1730
127N78W 5CDBA	DIENERT, RON	2362	2	07/28/1966	H,S	221SNDC	430.00+	05/24/1967	1740
127N78W 9DDA	POLLOCK, WALTER	35	24	--	H,S	112PLSC	28.00	11/19/1964	1948
127N78W20DCDD	DEIBERT, KARL	2492	2	02/ /1962	H,S	221SNDC	108.46+	08/14/1962	2010
127N78W21BAB	LA FAVE, JOE	60	24	--	H,S	112PLSC	25.00	11/17/1964	1975
127N78W23ABBB	FJELDHEIM, EARL	2470	--	10/ /1976	--	221SNDC	--	--	1890
127N78W23BAA	FJELDHEIM, EARL	40	24	--	H,S	112PLSC	20.00	11/18/1964	1895
127N78W23BDA	FJELDHEIM, EARL	54	18	1962	S	112PLSC	25.00	09/23/1964	1860
127N78W23DCD	PUDWELL, WILMER	80	24	1960	H,S	112PLSC	30.00	11/18/1964	1880
127N78W24CAA	VOLK, STEVEN	24	4	1963	S	112PLSC	12.00	11/19/1964	1860
127N78W27CAC	SCHAEFFER, M J	56	24	--	H,S	112PLSC	37.00	11/18/1964	1975
127N78W28ABA	KLUCKMAN, WALTE	60	24	--	S	112PLSC	--	--	1940
127N78W33DDD	SCHAEFFER, ALBE	40	24	--	H	112PLSC	20.00	11/18/1964	1960
127N78W34DDB	SJOMELING, G T	100	24	03/ /1963	S	112PLSC	15.00	11/18/1964	1950

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN CAMPBELL COUNTY - continued

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127N78W34DDB2	SJOMELING, G T	38	24	1954	S	112PLSC	12.00	11/18/1964	1950
127N78W35BBC	BEED, RAYMOND	16	24	1954	H,S	112PLSC	9.00	11/18/1964	1886
128N74W 3BDD	HARTZE, ANTONE	30	24	11/05/1964	H,S	112PLSC	--	--	1910
128N74W 3BDD2	HARTZE, ANTONE	105	24	11/05/1964	--	112PLSC	--	--	1910
128N74W 4ABA	SCHATZ, JOHN	70	36	11/05/1964	H,S	112PLSC	--	--	1920
128N74W 5AAA	NOLZ, PIUS	20	--	11/05/1964	H	112PLSC	--	--	1933
128N74W 7BBA	FEIST, VICTOR	90	18	09/23/1964	S	112PLSC	60.00	11/05/1964	2017
128N74W 9AAD	NOLZ, ADAM	45	24	11/05/1964	S	112PLSC	--	--	1890
128N74W 9AAD2	NOLZ, ADAM	280	4	11/05/1964	S	112PLSC	--	--	1890
128N74W 9D	ZIMMERMAN, EDWI	50	36	1944	S	112PLSC	20.00	10/07/1964	1970
128N74W11ADC	SEILER, JOHN M	72	24	1961	S	112PLSC	--	--	1910
128N74W11CAA	SEILER, JOHN	65	24	--	S	112PLSC	--	--	1910
128N74W18DDAC	KAUK, OSCAR	2473	2	08/ /1970	--	310MNLS	--	--	1945
128N74W19AAB	KAUK, OSCAR	50	24	1957	H	112PLSC	--	--	1920
128N74W19AB	KAUK, OSCAR	60	24	1960	S	112PLSC	--	--	1870
128N74W20	KUSLER, WALLACE	25	--	10/03/1980	S	112PLSC	--	--	1845
128N74W20BDD	KUSLER, WALLACE	72	24	1959	H	112PLSC	45.00	09/24/1964	1848
128N74W20D	--	25	--	10/03/1980	S	112SPCK	--	--	1880
128N74W20DBB	CHURCH, E.U.B.	21	18	11/05/1964	T	112SPCK	17.00	11/05/1964	1830
128N74W20DCB	ROHRBACK, ARTHU	16	6	09/24/1964	H	112SPCK	--	--	1813
128N74W20DCB2	ROHRBACH, ARTHU	13	36	09/24/1964	S	112SPCK	10.00	09/24/1964	1813
128N74W21DCA	BENTZ, ELMER	30	24	1960	H,S	112SPCK	--	--	1830
128N74W25BBD	ACKERMAN, LARRY	12	18	--	H,S	112SPCK	9.00	11/05/1964	1827
128N74W26ADA	ACKERMAN, CARL	12	22	1963	H	112SPCK	10.00	09/23/1964	1824
128N74W27B	KAUTZ, DENNIS	60	--	07/30/1980	H,S	112SPCK	--	--	1830
128N74W28AAD	KAUTZ, WILLIE	30	18	1963	H	112SPCK	15.00	11/05/1964	1817
128N74W28ADA	KAUTZ, WILLIE	100	18	1961	S	112SPCK	40.00	11/05/1964	1828
128N74W28BBA	BECK, RUBEN	8	36	--	H,S	112SPCK	6.00	11/05/1964	1814
128N74W28BBB	KAUTZ, DENNIS	60	--	09/30/1980	S	112SPCK	11.00	09/03/1980	1820
128N74W35ABA	ACKERMAN, ERNES	70	18	1962	H,S	112PLSC	10.00	11/05/1964	1825
128N75W 1AAA	HUBER, ART	65	--	1918	H,S	112PLSC	--	--	1990
128N75W 1AAA2	--	58	24	1947	H,S	112PLSC	33.00	09/24/1964	1990
128N75W 4	FUEHRER, CALVIN	60	--	10/21/1980	S	112PLSC	16.00	10/21/1980	2004
128N75W 6C	OCHSNER, CARL	75	24	1959	S	112PLSC	35.00	09/24/1964	1945
128N75W 8AAA	OCHSNER, MILTON	56	24	1955	H,S	112PLSC	6.00	09/24/1964	1980
128N75W 9B	FISCHER, DELVIN	60	--	10/21/1980	S	112PLSC	--	--	2000
128N75W 9BAA	FUEHRER, CALVIN	70	24	09/24/1964	H,S	112PLSC	40.00	09/24/1964	2000
128N75W12DDD	BENTZ, ALFRED	80	24	1900	H,S	112PLSC	50.00	09/24/1964	2005
128N75W13BAA	BENTZ, CALVIN	44	22	1940	H,S	112PLSC	20.00	09/24/1964	1975
128N75W17AAA	FUEHRER, CALVIN	65	24	1930	S	112PLSC	40.00	09/24/1964	1935

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN CAMPBELL COUNTY - continued

LOCAL NUMBER	OWNER	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DATE COMPLETED	USE OF WATER	PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
128N75W21CDA	BERRETH, ALBERT	65	36	1963	H,S	112PLSC	10.00	09/24/1964	1930
128N75W21CDAC	MITZEL, ARCHIE	2580	2.50	12/ /1976	--	221SNDC	F	--	1930
128N75W21DBB	MUNSCH, HENRY	36	--	1930	H,S	112PLSC	--	--	1925
128N75W23CDD	BECK, CHESTER	30	36	--	S	112PLSC	--	--	1915
128N75W23CDDC	BECK, CHESTER C	2530	2	07/26/1975	H	221SNDC	--	--	1870
128N75W26BA	BECK, 1	1800	7	12/15/1969	U	211DKOT	--	--	1875
128N75W26CAA	ORTH, HENRY	14	18	--	S	112PLSC	12.00	11/05/1964	1820
128N75W30AAB	OCHSNER, ELMER	23	--	1954	H,S	112PLSC	--	--	1880
128N75W30ABA	OCHSNER, ELMER	26	36	--	H,S	112PLSC	--	--	1880
128N75W31ADA	BICKEL, HENRY	50	24	1958	S	112SPCK	20.00	11/05/1964	1795
128N75W33DCC	QUASCHNICK, EDW	16	24	--	H,S	112SPCK	--	--	1778
128N75W34CAB	WACKER, ARTHUR	13	--	1944	S	112SPCK	10.00	11/05/1964	1785
128N76W 2BDC	LUTZ, EDWARD	65	18	--	S	112SPCK	45.00	11/04/1964	1870
128N76W 4ADA	BOHLANDER, MARY	16	24	1958	H,S	112SPCK	8.00	11/04/1964	1825
128N76W 5BDB	LUTZ	116	24	1940	H,S	112SPCK	109.00	11/04/1964	1820
128N76W 7BDD	WIEST, EUGENE H	135	--	--	H	112SPCK	--	--	1800
128N76W 8CBA	HORNER, PETER	90	4	1951	H	112SPCK	85.00	11/04/1964	1760
128N76W 9CDD	KOST, TED	32	20	--	H,S	112SPCK	16.00	11/04/1964	1780
128N76W11BBC	OCHSNER, VERN	60	24	1925	H	112SPCK	30.00	11/04/1964	1855
128N76W14ACD	SCHMIDT, ALVIN	70	24	10/ /1964	S	112PLSC	50.00	11/04/1964	1865
128N76W14DBD	SCHMIDT, J K	75	24	1963	S	112PLSC	45.00	11/04/1964	1865
128N76W17BCB	FJELDHEIM, CLAR	80	3	1963	H,S	112SPCK	71.00	11/04/1964	1770
128N76W18CA	WILHITE, I J	1750	7	12/31/1969	U	211DKOT	--	--	1707
128N76W19BBB	WEISBECK, STEPH	21	24	1954	H	112SPCK	10.00	11/04/1964	1700
128N76W21AC	GRAD, WM	35	24	--	--	112SPCK	--	--	1800
128N76W27DCA	KLAUDT, HERMAN	65	24	--	S	112SPCK	50.00	09/24/1964	1775
128N76W28DCB	GRAD, WM	52	24	1958	H,S	112SPCK	16.00	09/24/1964	1765
128N76W28DCB2	GRAD, WM	70	24	--	S	112SPCK	58.00	09/24/1964	1765
128N76W29DDD	SWILERS, DONALD	48	36	1955	H,S	112SPCK	15.00	09/24/1964	1755
128N76W30BBA	HEISLER, LESLIE	50	24	1944	H,S	112SPCK	18.00	11/04/1964	1695
128N76W31ADD	THULLNER, JOHN	50	18	1951	S	112SPCK	20.00	11/02/1964	1725
128N76W31C	THULLNER, JOHN	20	18	1947	S	112SPCK	5.00	11/02/1964	1685
128N76W31DD	THULLNER, ROBER	100	--	08/28/1982	H	112SPCK	20.00	08/28/1982	1735
128N76W31DDA	THULLNER, JOHN	280	6	1920	S	112GRND	100.00	11/02/1964	1735
128N76W31DDA2	THULLNER, JOHN	50	18	1949	H	112SPCK	25.00	11/02/1964	1735
128N76W32ADD	BRANTNER, BERT	30	24	--	H,S	112SPCK	18.00	09/24/1964	1741
128N76W33DCC	GALL, EDWARD	130	6	1920	H,S	112SPCK	14.00	09/24/1964	1740
128N76W34DDC	SCHMIDT, WALTER	9	36	1960	S	112SPCK	6.00	11/05/1964	1737
128N76W35ACA	BERRETH, EDWIN	45	20	08/ /1963	S	112SPCK	10.00	09/23/1964	1840
128N76W35BCB	BERRETH, EDWIN	100	3	1958	H	112SPCK	35.00	09/24/1964	1770

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN CAMPBELL COUNTY - continued

LOCAL NUMBER	OWNER	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DATE COMPLETED	USE OF WATER	PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
128N77W 1BCB	FJELDHEIM, KENN	52	24	--	H,S	112PLSC	15.00	11/04/1964	1724
128N77W 2CAD	WEISBECK, EDWAR	55	24	1958	H,S	112PLSC	30.00	11/04/1964	1795
128N77W 7C	JOHNSON, MYREN	208	--	04/17/1981	--	112GRND	--	--	1680
128N77W 7CC	JOHNSON, LOREN	200	--	--	U	112GRND	--	--	1670
128N77W 8C	JOHNSON, MYRON	70	--	10/18/1982	--	112PLSC	--	--	1725
128N77W 8CDD	JOHNSON, BROS.	21	36	1946	H,S	112PLSC	10.00	11/04/1964	1703
128N77W 8C2	JOHNSON, MYRON	50	--	10/18/1982	--	112PLSC	15.00	10/18/1982	1725
128N77W 8C3	JOHNSON	120	--	1982	--	112PLSC	--	--	1705
128N77W 8C4	JOHNSON	50	--	10/15/1982	--	112PLSC	15.00	10/15/1982	1705
128N77W 9CCC	RENNER, GEORGE	50	24	1958	H,S	112PLSC	14.00	02/09/1965	1735
128N77W11ADA	GOEHRING, EDWIN	22	24	10/ /1963	S	112PLSC	--	--	1695
128N77W12DCC	WEISBECK, FRANK	52	24	--	H	112SPCK	19.00	11/04/1964	1720
128N77W13CCA	SEILER, MIKE J	32	24	1962	H,S	112SPCK	12.00	11/02/1964	1678
128N77W14BDC	SCHAEFFER, THEO	28	24	1920	S	112PLSC	15.00	11/02/1964	1698
128N77W15CDD	RENNER, JOHN	42	12	1958	H,S	112PLSC	27.00	11/02/1964	1738
128N77W20BBB	REIERSON, HOWAR	200	--	--	U	112GRND	--	--	1680
128N77W23ACC	GRUNWALD	80	2	1921	S	112SPCK	F	--	1700
128N77W25DDB	BRANDNER, CLEME	40	24	1920	H,S	112SPCK	20.00	11/02/1964	1722
128N77W27BBD	JONES, EVERETT	105	3.50	1964	H,S	112SPCK	20.00	11/02/1964	1680
128N77W27DCCC	FETTERLY, SETH	165	2	1940	S	112GRND	F	--	1684
128N77W30BBBB	SDWR	146	--	--	--	112GRND	--	--	1657
128N77W30DBB	REIERSON, RIDER	178	2	--	H	112GRND	35.00	11/04/1964	1745
128N77W30DBB2	REIERSON, RIDER	18	30	1918	S	112SPCK	8.00	11/04/1964	1743
128N77W30DDB	REIERSON, ELMER	190	--	--	I	112GRND	--	--	1660
128N77W31CBD	VOLZKE, CARRIE	12	--	--	H,S	112SPCK	--	--	1638
128N77W32BBBB	SDWR	218	--	--	--	112GRND	--	--	1673
128N77W33BCC	WEISBECK, HERMA	24	395	--	H,S	112SPCK	12.00	11/19/1964	1665
128N77W35ACAA	VOLK, STEVE	280	--	02/28/1981	--	112GRND	--	--	1680
128N77W35ADCD	VOLK, STEVE	140	--	02/28/1981	--	112GRND	--	--	1650
128N77W35BBC	HAHNE, HENRY	42	6	1960	S	112SPCK	27.00	11/02/1964	1682
128N77W35DCCD	VOLK, STEVE	200	--	02/28/1981	--	112GRND	--	--	1688
128N77W35DDCA	VOLK, STEVE	233	--	02/28/1981	--	112GRND	--	--	1699
128N77W36CDB	THULLNER, JOHN	10	--	--	--	112SPCK	--	--	1657
128N78W 2BCC	FJELDHEIM, ANDR	100	8	1900	H,S	112SPCK	90.00	11/04/1964	1690
128N78W 3CCC	POLLOCK, ROBERT	25	6	1954	S	112SPCK	12.00	11/04/1964	1635
128N78W 5DDA	POLLOCK, JOHN	25	24	--	H,S	112PLSC	20.00	11/04/1964	1640
128N78W 8	WEBER, MRS.	13	--	--	--	112PLSC	--	--	1700
128N78W 8C	HANNING, H.	80	--	--	--	112PLSC	--	--	1650
128N78W10DDC	KNUDSON, LESLIE	18	24	1961	H,S	112SPCK	8.00	11/04/1964	1640
128N78W11CCC	BORR, VERN	20	24	1959	H,S	112SPCK	5.00	11/04/1964	1635

TABLE 1. -- RECORDS OF WELLS AND TEST HOLES IN CAMPBELL COUNTY - continued

LOCAL NUMBER	OWNER	DEPTH OF WELL (FEET)	CASING DIAM-ETER (INCHES)	DATE COMPLETED	USE OF WATER	PRINCIPAL AQUIFER	WATER LEVEL (FEET)	DATE WATER LEVEL MEASURED	ALTITUDE OF LAND SURFACE (FEET)
128N78W14DAA	HANSON, CLEMMET	12	27	1960	H,S	112SPCK	8.00	11/04/1964	1640
128N78W15CCCB	SDWR	206	2	06/11/1980	U	112GRND	44.60	06/12/1980	1652
128N78W16CDD	POLLOCK, CITY	198	8	06/ /1955	P	112GRND	77.40	08/19/1964	1665
128N78W16DCC	POLLOCK, CITY	232	8	06/01/1961	P	112GRND	74.00	--	1662
128N78W16DCDC	POLLOCK, CITY	230	15	1980	P	112GRND	--	--	1664
128N78W20A	WEBER, HENRY	200	--	--	U	112GRND	--	--	1660
128N78W20DAA	WEBER, HENRY	18	24	1958	H,S	112SPCK	15.00	11/17/1964	1665
128N78W21	POLLOCK, CITY	225	--	06/04/1982	--	112GRND	--	--	1675
128N78W21ACAA	JOHNSON, MYRON	225	8	08/01/1966	I	112GRND	50.00	08/01/1966	1653
128N78W21ADBB	USGS	179	1.50	05/18/1966	--	112GRND	44.67	05/18/1966	1656
128N78W21ADBB	USGS	180	2	1966	U	112GRND	42.00	05/ /1966	1655
128N78W21ADBB3	USGS	191	1.50	07/01/1966	--	112GRND	--	--	1656
128N78W21BAAB	POLLOCK, CITY	230	15	1976	P	112GRND	--	--	1667
128N78W25BDC	--	28	3	--	H,S	112SPCK	--	--	1645
128N78W28ABB	CARLSON, HAROLD	35	6	--	S	112SPCK	--	--	1670
128N78W31DBA	FETTERLY, SIDNE	180	3	1956	H,S	112GRND	50.00	11/17/1964	1642
128N78W35AAB	BAUER, FRANK J	42	24	1960	S	112PLSC	6.00	09/23/1964	1680
128N78W35BBB	DIENERT, ARTHUR	42	24	11/01/1963	H	112PLSC	20.00	11/18/1964	1780
128N78W35BBCA	FENELON, J J	2040	1.25	1925	S	211DKOT	F	--	1795
128N79W 1BCD	LA FAVE, R B	55	24	1961	S	112PLSC	--	--	1790
128N79W 2C	MOSER, REINHOLD	2505	2.50	10/19/1972	--	221SNDC	F	--	1881
128N79W 2CDA	MOSER, JAKE	60	24	--	H,S	112PLSC	40.00	11/18/1964	1880
128N79W 2CDAB	MOSER, REINHOLD	2505	2.50	09/18/1972	--	221SNDC	265.70+	09/18/1972	1880
128N79W 3CCB	MOSER, JAKE	80	24	1961	S	112SPCK	--	--	1710
128N79W 5DDD	MEYER, PETER C	50	24	1962	H,S	112SPCK	45.00	11/18/1964	1653
128N79W10BCB	VANDER VORSTE,	100	24	1962	S	112SPCK	30.00	11/18/1964	1680
128N79W11CDD	VAN BEEK, EVERE	170	3	1962	S	112PLSC	--	--	1759
128N79W14BAAD	VAN BEEK, EVERT	2456	2	12/11/1974	H	217INKR	F	--	1775
128N79W21ACC	SMITH, H C	2380	3	1926	--	221SNDC	--	--	1650
128N79W21ACCC	GOVERNMENT, US	2300	2.50	--	S	221SNDC	F	--	1625
128N80W 2CAD	VANDERWAL, WILL	15	84	1959	S	112SPCK	--	--	1720

Supplemental Information

Table 2. -- Chemical analyses of ground water in Campbell County

The following abbreviations are used:

DEG C - degree Celsius
US/CM - microsiemens per centimeter at 25° Celsius
MG/L - milligrams per liter
UG/L - micrograms per liter
< - less than
ND - not detected

The following agency code numbers are used:

AGENCY COLLECTING OR ANALYZING

1028 - U.S. Geological Survey
46001 - South Dakota State University Soils Laboratory
46002 - South Dakota Water Resources Institute
46004 - South Dakota State Chemist
46006 - South Dakota State University Department of Station Biochemistry
46007 - South Dakota Division of Water Rights
55555 - Private individual
84913 - U.S. Geological Survey Water Quality Laboratory - Salt Lake City, Utah

The number under each parameter in the header is used when retrieving data from WATSTORE.

Chemical analyses are listed by aquifer in the following order:

Grand
Selby
Spring Creek
Pleistocene
Dakota
Inyan Kara
Sundance

TABLE 2. -- CHEMICAL ANALYSES OF GROUND WATER IN CAMPBELL COUNTY

PRINCIPAL AQUIFER/ LOCAL IDENTIFIER	DATE OF SAMPLE	DEPTH OF WELL (FEET) (00003)	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	TEMPER-ATURE (DEG C) (00010)	SPE-CIFIC CON-DUC-TANCE (US/CM) (00095)	PH (STAND-ARD UNITS) (00400)	HARD-NESS (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)
Grand aquifer										
125N74W11ACD	06-25-65	400	55555	46002	--	1500	7.5	320	84	27
125N74W12BDA	06-06-67	408	1028	46002	--	1720	7.7	280	100	4.8
125N74W13CAD	06-25-65	360	55555	46002	--	2000	7.5	560	130	56
125N74W18BBBB	08-10-78	263	46007	46002	--	1760	7.5	470	150	21
125N74W22BCA2	09- -65	300	55555	46006	--	3000	7.1	440	120	34
125N74W23BAD	08-25-66	360	55555	46006	--	2520	7.8	99	31	5.3
125N74W24AAAA	08-10-78	293	46007	46002	--	1340	7.6	280	80	19
125N74W24DAC	06-25-65	400	55555	46002	--	2000	7.4	330	92	24
125N75W 7CC	03-11-77	315	55555	46002	--	1530	7.7	450	120	34
125N75W10BBAA	06-19-80	223	55555	46002	--	800	8.2	280	60	31
125N75W18BB	03-15-77	315	55555	46002	--	1390	7.6	450	120	36
125N75W18DCD	06-07-67	200	1028	46002	--	1100	7.8	380	84	41
125N75W23AAC	10-15-74	285	55555	46002	--	1110	7.7	170	47	12
125N76W 1BBB	07- -59	301	55555	46001	--	350	8.1	170	36	20
125N76W 9DDDD	10-22-76	294	55555	46002	--	985	7.8	340	100	19
125N76W10CD	06-02-78	295	55555	46002	--	994	7.5	500	120	48
125N76W14AAC	01-21-75	256	55555	46002	--	1420	7.0	680	200	43
125N76W14BBBB	06-19-80	305	46007	46002	--	950	8.2	340	92	26
125N76W15AAB	06-03-74	318	55555	46002	--	766	7.8	370	100	30
125N76W15BCC	10-17-79	315	55555	46002	--	1120	7.3	370	88	36
--do--	0- -80	315	55555	46002	--	985	7.8	340	100	19
125N76W15DBD	05-09-73	270	55555	46002	--	764	7.7	370	130	8.0
125N76W16ABC	05-05-73	280	55555	46002	--	764	7.7	370	130	8.0
125N76W16CAD	10-22-76	268	55555	46002	--	985	7.8	340	100	19
125N76W20BBBB	08-10-78	264	46007	46002	--	1380	6.5	240	64	19
125N76W28AAA	06-25-65	205	55555	46002	--	3800	7.8	81	24	5.0
125N77W25ABA	08-11-66	260	55555	46002	--	2140	7.6	280	72	24
125N77W36AAC	12-06-76	220	55555	46002	--	1790	7.6	780	220	54
125N77W36DDDD	06-19-80	257	55555	46002	--	1750	8.5	140	16	24
126N74W19BBBB	08-29-78	300	46007	46002	--	1560	7.5	590	110	75
126N75W 7DAAA	06-19-80	389	55555	46002	--	2600	8.0	460	80	62
126N76W 9BAC	02-22-77	280	55555	46002	--	2080	7.5	440	120	37
126N76W16CCCC	10-02-78	260	55555	46002	--	1900	7.7	320	85	27
126N76W21DAA	04-27-81	270	55555	46002	--	1020	7.6	88	22	8.0
126N76W32AAAA	08-29-78	260	46007	46002	--	1060	8.1	340	40	58
127N76W 5ADD2	08-09-66	220	55555	46002	--	1750	7.7	110	34	7.0
127N76W 7ADC2	04-03-68	260	55555	46004	--	--	7.4	390	100	32
--do--	08-13-74	260	55555	46004	--	--	7.5	370	95	33
--do--	04-18-78	260	55555	46004	--	--	-	--	--	--
--do--	09-27-78	260	55555	46004	--	1880	7.5	370	91	34

SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	BICAR-BONATE FET-FLD (MG/L AS HCO3) (00440)	CAR-BONATE FET-FLD (MG/L AS CO3) (00445)	NITRO-GEN, NITRATE TOTAL (MG/L AS N) (00620)	SOLIDS SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE) (01045)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	BORON, DIS-SOLVED (UG/L AS B) (01020)
160	3.0	10	60	.40	--	900	--	--	1200	--	--	--
330	9.6	140	35	--	--	890	--	--	1100	--	--	930
290	10	320	280	.50	--	580	--	--	1500	--	--	--
240	14	160	220	--	--	630	--	.02	--	640	--	850
580	20	10	750	.60	--	1060	--	--	2400	--	--	--
460	13	320	4.2	--	--	720	--	--	1400	--	--	--
180	14	110	160	--	--	460	--	.07	--	140	--	940
210	5.0	25	30	.50	--	960	--	--	1500	--	--	--
190	16	18	350	--	--	610	--	--	--	--	--	--
58	14	10	240	--	--	160	ND	1.8	--	540	--	230
180	16	18	370	--	--	630	--	--	--	--	--	--
150	13	10	150	--	--	520	--	--	750	--	--	730
190	18	32	210	--	--	390	--	--	--	--	--	--
4.0	.80	8.2	33	--	--	110	14	--	210	--	--	--
100	13	6.0	170	--	--	460	--	--	--	--	--	--
110	12	4.0	160	--	--	520	--	--	--	--	--	--
51	16	2.0	240	--	--	530	--	--	--	--	--	--
95	12	11	200	--	--	350	14	2.1	--	2500	--	500
45	12	9.0	140	--	--	310	--	--	--	--	--	--
130	11	6.0	290	--	--	440	--	--	--	--	--	--
100	13	6.0	170	--	--	460	--	--	--	--	--	--
20	12	2.0	73	--	--	400	--	--	--	--	--	--
20	12	2.0	73	--	--	400	--	--	--	--	--	--
100	13	6.0	170	--	--	460	--	--	--	--	--	--
240	9.0	1.0	230	--	--	590	--	2.3	--	780	--	480
800	5.0	900	30	.50	--	850	--	--	3200	--	--	--
340	13	58	340	--	--	800	--	--	1400	--	--	--
190	17	14	420	--	--	800	--	--	--	--	--	--
370	12	32	330	--	--	500	67	3.8	--	1100	--	1000
130	16	5.0	110	--	--	830	--	2.8	--	1200	--	400
460	30	210	760	--	--	440	--	3.4	--	460	--	600
370	18	56	260	--	--	1110	--	--	--	--	--	--
380	13	95	250	.33	--	910	--	<.10	--	1700	150	--
190	8.0	16	100	--	--	490	--	--	--	--	--	610
130	11	3.0	180	--	--	440	--	1.8	--	100	--	670
360	8.6	39	260	--	--	700	--	--	--	--	--	--
350	16	120	210	.40	--	970	--	ND	--	4200	200	--
370	12	130	180	.40	--	960	--	<1.0	--	2500	500	--
--	--	--	--	--	--	--	--	--	--	--	--	--
370	13	120	210	.40	--	980	--	.10	--	2500	400	--

TABLE 2. -- CHEMICAL ANALYSES OF GROUND WATER IN CAMPBELL COUNTY - continued

PRINCIPAL AQUIFER/ LOCAL IDENTIFIER	DATE OF SAMPLE	DEPTH OF WELL (FEET) (00003)	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	TEMPER-ATURE (DEG C) (00010)	SPE-CIFIC CON-DUC-TANCE (US/CM) (00095)	PH (STAND-ARD UNITS) (00400)	HARD-NESS (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)
Grand aquifer (cont.)										
--do--	10-22-80	260	55555	46004	--	2080	7.4	360	90	33
--do--	08-31-81	260	55555	46004	--	--	-	--	--	--
127N76W19DBC	08-10-66	237	55555	46002	--	1440	7.8	170	43	16
127N76W30DAD	08-10-66	224	55555	46002	--	1380	7.8	200	54	16
127N76W31CBB	08-10-66	243	55555	46002	--	2080	7.7	210	58	17
127N76W31DBA	08-10-66	236	55555	46002	--	1850	7.6	210	65	12
127N76W31DDD3	06-25-65	270	55555	46002	--	1050	7.6	470	140	29
127N76W32CAD	08-10-66	235	55555	46002	--	1340	7.7	200	57	15
127N76W32CCCC	08-29-78	285	46007	46002	--	1760	7.9	270	72	21
127N76W33CBA	06-07-67	267	1028	46002	--	2000	7.8	400	120	24
127N77W 4AAC	08-16-76	265	55555	46002	--	1460	7.6	260	56	29
--do--	03-16-81	265	55555	46002	--	1320	7.5	210	59	15
127N77W 4CBA	08-10-66	212	55555	46002	--	1470	7.8	160	53	7.0
127N77W 5AAC	08-10-66	200	55555	46002	--	2030	7.7	310	86	23
127N77W13CCC	06- -65	223	55555	46002	--	1750	8.1	260	96	5.0
127N77W23DBB	08-10-66	235	55555	46002	--	2360	7.7	140	38	11
128N76W31DDA	06- -65	280	55555	46002	--	3600	8.1	40	16	.00
128N77W 7CC	04-13-81	200	55555	46002	--	1750	7.3	250	85	9.0
128N77W20BBB	02-18-75	200	55555	46002	--	1850	7.1	340	87	30
--do--	09-07-76	200	55555	46002	--	1120	7.2	140	41	10
128N77W27DCCC	08-10-66	165	55555	46002	--	1780	7.5	370	69	49
128N77W30DDB	05-08-73	190	55555	46002	--	1880	7.3	310	120	.50
--do--	09-07-73	190	55555	46002	--	2400	-	710	260	16
128N77W32BBBB	08-29-78	218	46007	46002	--	1980	7.8	260	50	32
128N78W15CCCB	06-19-80	206	55555	46004	--	1450	8.5	120	14	21
128N78W16CDD	02- -57	198	55555	46004	--	--	7.8	320	73	33
--do--	06- -60	198	55555	46004	--	--	7.4	330	83	29
--do--	06-22-60	198	55555	46004	--	--	7.4	330	83	29
--do--	10-31-66	198	55555	46004	--	1880	7.5	310	78	28
128N78W16DCC	02-01-57	232	55555	46004	--	--	-	--	--	--
--do--	07-25-61	232	55555	46004	--	--	7.5	320	80	28
--do--	10-31-66	232	55555	46004	--	1800	7.4	310	78	28
--do--	08-14-74	232	55555	46004	--	1790	7.5	310	80	27
128N78W16DCC	09-27-78	232	55555	46004	--	1770	7.5	300	78	26
128N78W16DCDC	10-22-80	230	55555	46004	--	1980	7.5	330	83	29
--do--	11-16-81	230	55555	46004	--	--	-	--	--	--
128N78W20A	06-23-80	200	55555	46002	--	1710	7.7	310	80	26
128N78W21ACAA	06-07-67	225	1028	46002	--	1840	7.8	300	92	17
128N78W21BAAB	09-23-76	230	55555	46004	--	1720	7.5	320	80	28
--do--	11-27-78	230	55555	46004	--	--	-	--	--	--

SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	BICAR-BONATE FET-FLD (MG/L AS HCO3) (00440)	CAR-BONATE FET-FLD (MG/L AS CO3) (00445)	NITRO-GEN, NITRATE TOTAL (MG/L AS N) (00620)	SOLIDS SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE) (01045)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	BORON, DIS-SOLVED (UG/L AS B) (01020)
350	13	120	200	.50	--	930	--	<.10	--	1600	400	--
--	--	--	--	--	--	--	--	--	--	--	--	--
270	7.6	10	270	--	--	570	--	--	--	--	--	--
190	10	12	250	--	--	500	--	--	--	--	--	--
360	11	57	200	--	--	850	--	--	--	--	--	--
350	11	27	360	--	--	680	--	--	--	--	--	--
33	12	20	260	.30	--	390	--	--	1400	--	--	--
190	11	8.0	220	--	--	510	--	--	--	--	--	--
320	12	2.0	330	--	--	680	--	1.5	--	190	--	320
350	12	140	140	--	--	900	--	--	1200	--	--	700
260	24	96	200	--	--	660	--	--	--	--	--	--
250	10	22	250	--	--	610	--	--	--	--	--	280
280	9.6	9.0	230	--	--	570	--	--	--	--	--	--
310	13	110	210	--	--	820	--	--	--	--	--	--
340	10	75	260	.40	--	870	60	--	1400	--	--	--
510	7.6	85	400	--	--	780	--	--	--	--	--	--
840	8.0	800	50	.60	--	960	--	--	2300	--	--	--
370	12	46	310	--	--	740	--	--	--	--	--	400
390	14	2.0	210	--	--	1030	--	--	--	--	--	--
190	6.0	17	110	--	--	570	--	--	--	--	--	--
340	15	56	210	--	--	920	--	--	--	--	--	--
390	16	5.0	190	--	--	940	--	--	--	--	--	--
230	16	--	--	--	--	--	--	--	--	--	--	--
330	12	8.0	210	--	--	860	--	.04	--	140	--	590
320	12	91	250	--	--	390	58	3.0	--	1900	--	500
370	13	110	210	.20	--	910	--	--	1300	--	--	--
360	12	110	230	.30	--	890	--	--	1300	--	--	--
360	12	110	230	.30	--	890	--	ND	--	2700	ND	--
340	13	94	230	.20	--	850	--	1.3	--	6000	ND	--
--	--	--	--	--	--	--	--	--	--	--	--	--
350	13	110	230	.30	--	870	--	ND	--	2000	ND	--
350	13	96	230	.20	--	860	--	1.2	--	6000	ND	--
360	11	110	190	--	--	890	--	<1.0	--	2400	100	--
350	12	96	220	.28	--	840	--	<.10	--	620	80	--
340	12	110	140	2.9	--	870	--	<.10	--	2100	90	--
--	--	--	--	.26	--	--	--	--	--	--	--	--
300	14	4.0	160	--	--	840	--	--	--	--	--	--
310	10	40	360	--	--	680	--	--	1500	--	--	--
340	12	98	200	.30	--	810	--	<1.0	--	2100	100	--
--	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 2. -- CHEMICAL ANALYSES OF GROUND WATER IN CAMPBELL COUNTY - continued

PRINCIPAL AQUIFER/ LOCAL IDENTIFIER	DATE OF SAMPLE	DEPTH OF WELL (FEET) (00003)	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	TEMPER-ATURE (DEG C) (00010)	SPE-CIFIC CON-DUC-TANCE (US/CM) (00095)	PH (STAND-ARD UNITS) (00400)	HARD-NESS (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)
Grand aquifer (cont.)										
128N78W31DBA	06-25-65	180	55555	46002	--	2600	8.1	300	80	25
Selby aquifer										
125N74W 2AACC	01-10-77	122	55555	46002	--	635	7.8	260	63	33
125N74W 2BAAC	10-07-76	65	55555	46002	--	981	7.6	330	77	24
125N74W 3BAA	09- -65	12	55555	46002	--	750	7.4	170	28	56
125N74W 5ABB	09- -65	53	55555	46002	--	1500	7.5	760	210	80
125N74W11ACD2	0- -65	26	55555	46002	--	1350	8.2	600	110	11
125N74W17CCA	0- -76	95	55555	46002	--	1370	7.9	150	43	12
--do--	11-15-76	95	55555	46002	--	1010	7.7	230	74	55
125N74W19CBA	07-13-76	65	55555	46002	--	1470	7.2	650	170	29
125N74W20ABB	06-25-65	25	55555	46002	--	800	7.7	420	120	47
125N74W20CBBD	10-25-76	60	55555	46002	--	1200	7.4	570	150	60
125N74W20DDB	07-13-76	40	55555	46002	--	1330	7.5	630	150	17
125N74W22BCA	09- -65	100	55555	46002	--	1800	8.0	300	92	18
125N74W28BBD	07-13-76	35	55555	46002	--	605	7.5	290	86	85
125N74W30DAC	09- -65	50	55555	46002	--	2050	7.1	1100	300	19
125N75W 2ADA	09- -65	77	55555	46002	--	800	8.1	280	80	39
125N75W12CCC	06-25-65	100	55555	46002	--	1450	8.0	410	100	95
125N75W21DCC	06-25-65	14	55555	46002	--	2000	7.2	820	170	35
125N75W21DDD	08-31-76	100	55555	46002	--	1380	6.8	510	150	19
125N75W22DAD	06-25-65	15	55555	46002	--	1200	8.5	230	60	39
125N75W22DBD	09-12-75	35	55555	46002	--	1020	7.5	370	85	31
125N75W23BCB	09-12-75	35	55555	46002	--	743	7.6	300	71	93
125N75W24CBD	09-02-76	20	55555	46002	--	1040	7.3	530	60	7.0
125N75W25BBB	06-25-65	100	55555	46002	--	1050	7.5	240	84	24
125N75W29AAC	06-25-65	102	55555	46002	--	950	7.3	400	120	24
125N75W30CC	06-25-65	136	55555	46002	--	1400	7.5	550	180	34
125N75W31C	08-01-80	40	55555	46002	--	1010	7.4	340	80	22
125N75W32BBBB	08-10-78	33.9	46007	46002	--	794	7.4	270	71	78
125N75W32DCB2	04-12-65	15	55555	46002	--	1850	-	720	160	90
125N76W 1CBC	02-01-64	31	55555	46001	--	2410	-	1100	300	31
125N76W 1CCCC	08-10-78	63.4	46007	46002	--	2040	7.3	630	200	29
125N76W 3DCC	06-25-65	31	55555	46002	--	900	7.3	420	120	35
125N76W 6DCC	06-25-65	20	55555	46002	--	850	7.3	320	72	47
125N76W 8BCC	08-25-75	35	55555	46002	--	1200	7.1	520	130	110
125N76W13DAC	06- -65	98	55555	46002	--	2200	7.6	1300	350	190
125N76W23DCD2	06- -65	28	55555	46002	--	2700	7.6	1300	220	29
125N76W25BAD	06-25-65	150	55555	46002	--	1750	7.4	820	280	10
125N76W27CCC	06-25-65	14	55555	46002	--	450	8.1	230	76	34
125N76W31CCCC	05-25-70	16.2	55555	46002	--	710	7.5	390	100	--
125N77W13DCA	04-14-64	55	55555	46002	--	--	-	--	--	24

SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	BICAR-BONATE FET-FLD (MG/L AS HCO3) (00440)	CAR-BONATE FET-FLD (MG/L AS CO3) (00445)	NITRO-GEN, NITRATE TOTAL (MG/L AS N) (00620)	SOLIDS SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE) (01045)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	BORON, DIS-SOLVED (UG/L AS B) (01020)
32	5.0	7.0	110	--	--	230	--	--	2300	--	--	--
71	9.0	6.0	180	--	--	410	--	--	--	--	--	--
74	16	15	75	.20	--	450	--	--	--	--	--	--
64	9.0	15	470	.40	--	550	0	--	490	--	--	--
35	14	55	80	.10	--	340	20	--	1400	--	--	--
250	--	45	--	--	--	--	--	--	1200	--	--	--
130	12	9.0	200	--	--	390	--	--	--	--	--	--
120	15	15	550	--	--	420	--	--	--	--	--	--
8.0	1.0	30	180	.50	--	340	--	--	--	--	--	--
74	10	10	330	--	--	480	--	--	780	--	--	--
80	12	26	380	--	--	380	--	--	--	--	--	--
250	15	65	400	.40	--	510	--	--	--	--	--	--
30	11	3.0	50	--	--	320	--	--	1500	--	--	--
110	15	10	750	.30	--	730	--	--	--	--	--	--
60	11	10	160	.20	--	330	--	--	2000	--	--	--
180	17	70	400	.50	--	390	--	--	570	--	--	--
98	30	170	240	.60	--	560	--	--	1100	--	--	--
120	21	18	340	--	--	630	--	--	1900	--	--	--
160	7.0	25	170	.20	--	450	--	--	--	--	--	--
110	18	12	200	--	--	370	--	--	1200	--	--	--
60	6.0	6.0	110	--	--	330	--	--	--	--	--	--
48	7.0	8.0	210	--	--	410	--	--	--	--	--	--
120	9.0	30	130	.20	--	490	--	--	--	--	--	--
50	7.0	5.0	230	.20	--	390	--	--	810	--	--	--
170	5.0	20	350	.20	--	550	--	--	880	--	--	--
73	9.0	I5	190	--	--	350	--	--	1700	--	--	--
54	8.0	4.0	140	--	--	340	--	--	--	--	--	--
42	17	110	200	.50	--	320	--	.09	--	1300	--	90
16	8.0	140	100	.10	--	460	--	--	--	--	--	--
230	12	150	620	--	--	320	--	--	--	--	--	--
10	11	30	130	.20	--	350	--	.24	--	140	--	ND
11	60	5.0	87	.60	--	410	--	--	910	--	--	--
51	18	22	300	--	--	360	--	--	630	--	--	--
180	19	20	1500	.40	--	270	--	--	--	--	--	--
30	7.0	200	250	.40	--	510	--	--	2800	--	--	--
120	12	15	700	.30	--	520	--	--	2700	--	--	--
2.0	2.0	15	27	.20	--	280	--	--	2000	--	--	--
19	5.0	14	80	--	--	--	--	--	440	--	--	--
12	--	--	--	--	--	24	--	.37	--	17000	--	300
140	10	20	310	.40	--	550	--	--	52	--	--	--

TABLE 2. -- CHEMICAL ANALYSES OF GROUND WATER IN CAMPBELL COUNTY - continued

PRINCIPAL AQUIFER/ LOCAL IDENTIFIER	DATE OF SAMPLE	DEPTH OF WELL (FEET) (00003)	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	TEMPER-ATURE (DEG C) (00010)	SPE-CIFIC CON-DUC-TANCE (US/CM) (00095)	PH (STAND-ARD UNITS) (00400)	HARD-NESS (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)
Selby aquifer (cont.)										
125N77W25DCC	06- -65	115	55555	46002	--	1250	7.8	370	110	--
125N77W34DDB3	06- -65	165	55555	46002	--	2000	7.4	80	32	29
125N77W36CBB	06- -67	126	1028	46002	--	1340	7.7	420	120	220
126N74W 6ABB	06- -65	39	55555	46002	--	4380	7.0	2100	460	7.0
126N74W 6ABB2	06- -65	202	55555	46002	--	1550	7.6	220	76	12
126N74W 9AAA	06- -65	92	55555	46002	--	1300	7.5	550	200	46
126N74W11BCC	06- -65	35	55555	46002	--	900	7.4	440	100	63
126N74W12CA	06- -65	220	55555	46002	--	2200	7.2	530	110	41
126N74W18ADB	06- -65	50	55555	46002	--	1500	7.0	890	290	34
126N74W22DAC	06- -65	190	55555	46002	--	1300	7.4	510	150	97
126N74W23DCC	06- -65	50	55555	46002	--	1600	7.0	900	200	110
126N74W28CDC	06-13-64	12	1028	46002	--	2100	-	800	140	22
126N75W 3CCA	06-25-65	150	55555	46002	--	2200	7.9	280	76	15
126N75W 4BAB	01-29-65	30	55555	46006	--	550	-	240	72	19
126N75W 4BAB2	01-29-65	30	55555	46006	--	550	-	250	68	63
126N75W 5ADB	06- -65	80	55555	46002	--	1700	6.9	880	250	110
126N75W15AAA2	06- -65	24	55555	46002	--	1400	7.4	1100	240	32
126N75W25BC	03-09-77	127	55555	46002	--	1150	7.3	550	170	30
126N75W26AA	03-09-77	150	55555	46002	--	989	7.6	420	120	25
126N75W26CCCC	08-29-78	171	55555	46002	--	1180	7.9	320	85	35
126N75W31BDAC	02-22-77	75	55555	46002	--	1160	7.2	540	160	160
126N75W32BCC	06-25-65	12	55555	46002	--	2800	7.5	1300	270	29
126N75W33BCB	06- -65	20	55555	46002	--	800	7.3	370	100	22
126N76W 3DDB	06-12-64	30	55555	46002	--	1000	-	390	120	32
126N76W 8AAC	02-19-76	30	55555	46002	--	1070	7.1	460	130	25
126N76W 8DCC	02-28-75	38	55555	46002	--	624	7.3	310	82	27
126N76W 8DDB	02-28-75	38	55555	46002	--	713	7.3	360	100	51
126N76W 9BDC	02-28-75	38	55555	46002	--	1380	7.5	660	180	28
126N76W 9CCA	12-09-74	120	55555	46002	--	635	6.8	390	110	32
126N76W15BBD	02-19-76	30	55555	46002	--	1070	7.1	430	120	63
126N76W15CDC	06- -65	16	55555	46002	--	1100	7.4	560	120	32
126N76W16BDA	02-19-76	30	55555	46002	--	1060	7.2	430	120	43
126N76W16CBA	02-21-75	40	55555	46002	--	1320	7.6	430	100	20
126N76W17CCA2	07-31-64	69	55555	46004	--	2170	7.5	270	77	20
126N76W17CCC	07- -58	59	55555	46002	--	--	7.5	220	57	78
126N76W17CCD	03-18-64	20	55555	46002	--	1800	-	650	130	20
126N76W17CCD2	07- -64	69	55555	46002	--	--	7.5	120	16	73
126N76W22AAAA	08-29-78	32.2	46007	46002	--	1350	7.6	780	190	46
126N76W22CCA	09-15-80	160	55555	46002	--	1420	7.2	550	140	41
126N76W24CBC	06- -65	60	55555	46002	--	1500	7.5	640	190	42

SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	BICAR-BONATE FET-FLD (MG/L AS HCO3) (00440)	CAR-BONATE FET-FLD (MG/L AS CO3) (00445)	NITRO-GEN, NITRATE TOTAL (MG/L AS N) (00620)	SOLIDS SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE) (01045)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	BORON, DIS-SOLVED (UG/L AS B) (01020)
440	6.0	85	360	.50	--	770	--	--	980	--	--	--
210	12	30	260	--	--	500	--	--	1500	--	--	--
57	14	160	1200	.60	--	490	--	--	1000	--	--	1000
470	10	90	320	.50	--	1080	--	--	3500	--	--	--
100	10	20	420	.40	--	470	--	--	1800	--	--	--
13	11	40	100	.20	--	480	--	--	1000	--	--	--
450	10	100	320	.50	--	1290	--	--	590	--	--	--
50	5.0	15	500	.40	--	630	--	--	1700	--	--	--
120	10	10	330	.30	--	490	--	--	1300	--	--	--
76	11	30	580	.40	--	550	--	--	910	--	--	--
210	9.0	35	770	.50	--	510	--	--	1400	--	--	--
440	12	25	500	.70	--	660	--	--	--	--	--	--
3.0	5.0	5.0	.0	.40	--	330	--	--	1800	--	--	--
4.0	7.0	5.0	.0	.40	--	300	--	--	--	--	--	--
110	11	10	660	.50	--	550	--	--	--	--	--	--
40	22	60	720	1.1	--	570	--	--	1500	--	--	--
53	8.0	6.0	96	--	--	530	--	--	2000	--	--	--
55	7.0	7.0	100	--	--	430	--	--	--	--	--	--
150	11	3.0	230	--	--	520	--	--	--	--	--	--
59	15	6.0	350	--	--	420	--	1.5	--	990	--	720
120	27	5.0	900	.40	--	670	--	--	--	--	--	--
12	5.0	15	150	.30	--	350	--	--	3100	--	--	--
64	7.0	10	200	.10	--	390	--	--	590	--	--	--
110	12	12	270	--	--	390	--	--	--	--	--	--
21	8.0	1.0	56	--	--	330	--	--	--	--	--	--
24	8.0	3.0	82	--	--	350	--	--	--	--	--	--
84	19	52	440	--	--	260	--	--	--	--	--	--
20	10	17	78	--	--	370	--	--	--	--	--	--
110	10	13	270	--	--	390	--	--	--	--	--	--
56	11	30	260	.30	--	440	--	--	--	--	--	--
100	10	11	280	--	--	390	--	--	830	--	--	--
130	12	14	310	--	--	380	--	--	--	--	--	--
460	11	54	530	.30	--	780	--	--	--	--	--	--
360	9.4	31	520	.50	--	510	--	--	1600	--	--	--
190	14	60	460	.20	--	500	--	ND	--	300	800	--
450	11	54	530	.30	--	780	--	--	--	--	--	--
42	8.0	4.0	500	--	--	310	--	ND	--	300	600	--
120	11	12	350	--	--	420	--	.05	--	440	--	170
150	12	25	480	.50	--	490	--	--	--	--	--	--
63	6.0	47	210	--	--	350	--	--	1400	--	--	--

TABLE 2. -- CHEMICAL ANALYSES OF GROUND WATER IN CAMPBELL COUNTY - continued

PRINCIPAL AQUIFER/ LOCAL IDENTIFIER	DATE OF SAMPLE	DEPTH OF WELL (FEET) (00003)	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	TEMPER-ATURE (DEG C) (00010)	SPE-CIFIC CON-DUC-TANCE (US/CM) (00095)	PH (STAND-ARD UNITS) (00400)	HARD-NESS (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)
Selby aquifer (cont.)										
126N76W29BD	02-28-75	30	55555	46002	--	910	7.5	470	120	40
126N76W30D	0- -76	30	55555	46002	--	981	-	540	150	35
126N76W30DADD	05-25-70	33.9	55555	46002	--	1970	7.2	700	220	54
126N77W 1CCA	06- -65	42	55555	46002	--	1200	-	550	130	29
Spring Creek aquifer										
127N75W 6ACB	06-25-65	41	55555	46002	--	1120	7.2	440	130	12
127N76W 2ADC	06-25-65	50	55555	46002	--	600	7.8	220	68	39
127N76W 5CCBC	10- -65	20	55555	46004	--	--	8.3	300	54	23
127N76W 7ADBA	10-17-60	27	55555	46004	--	--	-	250	63	33
127N76W 7DAA	10- -60	20	55555	46004	--	--	8.1	330	78	23
127N76W 8BCCC	10-17-60	27	55555	46004	--	--	8.4	250	63	74
127N76W 8BCDC	03- -54	20	55555	46004	--	--	-	740	180	71
127N76W 8BCDD	03- -54	33	55555	46004	--	--	-	740	180	36
127N76W 8BCDD	02-05-57	26	55555	46004	--	--	7.7	360	83	33
127N76W 8BCDD	10-17-60	26	55555	46004	--	--	8.1	330	78	73
127N76W 8BCDD2	02-05-57	26	55555	46004	--	--	7.6	510	83	32
127N76W31DDD2	06-25-65	20	55555	46002	--	650	7.8	430	120	36
127N77W 5AAC3	12-11-64	25	55555	46002	--	950	-	340	76	78
127N77W10CDB	11-25-64	11	55555	46002	--	1800	-	700	150	160
127N77W21BDC	06- -65	85	55555	46002	--	5400	7.6	1900	500	120
128N74W28AAD	06- -65	30	55555	46002	--	2200	7.0	940	180	29
128N74W28ADA	06- -65	100	55555	46002	--	2050	8.2	300	72	39
128N75W33DCC	06- -65	16	55555	46002	--	1300	7.9	590	170	32
128N76W 2BDC	06-25-65	65	55555	46002	--	1000	7.5	460	130	51
128N76W 5BDB	01-21-65	116	55555	46002	--	1900	-	610	160	15
128N76W 7BDD	01-22-65	135	55555	46002	--	2100	-	270	84	54
128N76W19BBB	06-25-65	21	55555	46002	--	1400	7.2	570	140	29
128N76W27DCA	06-25-65	65	55555	46002	--	820	7.6	420	120	140
128N77W36CDB	06-14-60	10	55555	46002	--	5500	-	1900	530	55
128N78W 3CCC	06-25-65	25	55555	46002	--	1400	7.9	680	180	56
128N78W10DDC	06-25-65	18	55555	46002	--	1240	7.7	580	140	29
128N78W28ABB	06-25-65	35	55555	46002	--	1270	7.4	620	200	34
128N79W 5DDD	06-25-65	50	55555	46002	--	750	8.0	370	92	66
128N79W10BCB	06- -65	100	55555	46002	--	2000	7.7	1100	330	24
Pleistocene aquifer										
125N75W35DBB	09- -65	90	55555	46002	--	1400	7.5	520	170	24
125N77W 6AAA	06-25-65	50	55555	46002	--	1400	8.0	540	170	27
125N77W17DAD	06-25-65	40	55555	46002	--	1600	8.3	240	52	27
125N77W18DCC	06- -65	100	55555	46002	--	2800	7.4	870	270	48
125N77W22ABB	06- -65	150	55555	46002	--	1900	7.6	99	28	7.0
125N77W28BDA	06- -65	26	55555	46002	--	1500	7.4	710	180	63
125N77W30ABD	06- -65	65	55555	46002	--	1450	7.7	680	190	49

SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	BICAR-BONATE FET-FLD (MG/L AS HCO3) (00440)	CAR-BONATE FET-FLD (MG/L AS CO3) (00445)	NITRO-GEN, NITRATE TOTAL (MG/L AS N) (00620)	SOLIDS SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE) (01045)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	BORON, DIS-SOLVED (UG/L AS B) (01020)
60	15	12	230	--	--	360	--	--	--	--	--	--
160	8.0	110	950	--	--	--	--	--	--	--	--	--
56	5.0	45	150	.10	--	440	--	ND	--	4000	--	400
34	17	30	210	.50	--	460	--	--	--	--	--	--
38	5.0	10	50	.20	--	390	--	--	820	--	--	--
7.0	3.5	.00	60	.20	--	320	--	--	480	--	--	--
82	7.7	9.0	130	.30	--	260	--	--	--	--	--	--
140	7.0	38	260	.20	--	400	--	1.0	--	100	3000	--
82	7.7	9.0	130	.30	--	260	--	--	770	--	--	--
200	10	67	660	.40	--	560	--	1.0	--	100	3000	--
--	--	69	670	.40	--	550	--	ND	1600	500	--	--
110	6.3	17	150	.20	--	500	--	.60	--	3000	--	--
140	6.9	38	260	.20	--	400	--	.40	--	900	1100	--
150	8.8	37	370	.30	--	520	--	.20	--	1100	800	--
16	6.0	5.0	57	.10	--	510	--	ND	--	1100	1100	--
180	7.0	70	300	--	--	340	--	--	900	--	--	--
110	11	30	400	.40	--	340	--	--	--	--	--	--
480	5.0	80	2200	1.2	--	600	--	--	--	--	--	--
120	10	160	340	.50	--	350	--	--	4700	--	--	--
450	17	70	650	.50	--	680	40	--	2100	--	--	--
69	7.0	60	140	.40	--	610	--	--	1900	--	--	--
14	8.5	10	190	.50	--	400	--	--	930	--	--	--
250	8.0	5.0	500	.30	--	730	--	--	790	--	--	--
430	6.0	5.0	400	.30	--	970	--	--	--	--	--	--
68	7.0	15	440	.40	--	390	--	--	--	--	--	--
12	6.5	20	95	.40	--	460	--	--	1100	--	--	--
400	7.0	100	2000	--	--	690	--	--	560	--	--	--
110	6.0	5.0	510	.40	--	500	--	--	--	--	--	--
32	5.0	15	350	.30	--	400	--	--	1400	--	--	--
20	6.0	120	260	.50	--	410	--	--	1200	--	--	--
22	6.0	5.0	100	.30	--	430	--	--	1100	--	--	--
180	7.0	25	710	.50	--	910	--	--	720	--	--	--
460	5.0	5.0	650	.40	--	790	--	--	2100	--	--	--
110	13	15	340	.20	--	570	--	--	1100	--	--	--
94	11	35	210	.20	--	490	--	--	1300	--	--	--
250	11	40	350	.70	--	550	--	--	1200	--	--	--
280	20	30	900	.40	--	790	--	--	2200	--	--	--
380	5.0	35	450	.50	--	610	--	--	1300	--	--	--
140	8.0	40	310	.50	--	590	--	--	1300	--	--	--
58	10	85	300	.30	--	390	--	--	1100	--	--	--

TABLE 2. -- CHEMICAL ANALYSES OF GROUND WATER IN CAMPBELL COUNTY - continued

PRINCIPAL AQUIFER/ LOCAL IDENTIFIER	DATE OF SAMPLE	DEPTH OF WELL (FEET) (00003)	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	TEMPER-ATURE (DEG C) (00010)	SPE-CIFIC CON-DUC-TANCE (US/CM) (00095)	PH (STAND-ARD UNITS) (00400)	HARD-NESS (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)
Pleistocene aquifer (cont.)										
125N77W30ABD2	06- -65	16	55555	46002	--	700	7.5	350	100	24
125N77W31DCC	06- -65	67	55555	46002	--	700	7.4	320	100	17
125N78W 4DDD	06- -65	62	55555	46002	--	900	7.5	490	130	39
125N78W12CCB	06- -65	100	55555	46002	--	2100	7.0	860	250	58
125N78W13BCC	06- -65	50	55555	46002	--	1800	7.6	700	120	97
125N78W15CDA	06- -65	28	55555	46002	--	750	7.8	350	92	29
125N78W32BCB	06- -65	110	55555	46002	--	900	7.4	60	24	.00
125N78W33DDD	03-17-64	28	55555	46002	--	2000	-	510	140	39
125N79W22DAA	06- -65	80	55555	46002	--	700	7.3	310	80	27
126N77W17CDD2	06- -65	65	55555	46002	--	1700	7.9	120	32	10
126N77W23A	06-07-65	45	55555	46002	--	1450	-	220	68	12
126N77W24BCD	03-18-64	100	55555	46002	--	1400	-	140	32	15
--do--	09-17-64	100	55555	46002	--	1350	-	120	36	7.0
126N78W 3DCB	06- -65	46	55555	46002	--	1200	7.3	520	140	41
127N74W 3DDD	06- -65	17	55555	46002	--	1300	7.8	680	170	61
127N74W 7ADD	06- -65	60	55555	46002	--	1200	7.3	590	180	34
127N74W23BAB	06- -65	42	55555	46002	--	700	7.4	330	76	34
127N74W28C	10-08-64	30	55555	46002	--	1000	-	470	140	29
127N74W29AAD	10-08-64	60	55555	46002	--	1100	-	490	140	34
127N74W29AAD2	10-08-64	56	55555	46002	--	1200	-	490	140	34
127N75W 7AAA	06- -65	32	55555	46002	--	1600	7.4	780	200	68
127N75W 9DAD	06- -65	45	55555	46002	--	1200	7.4	560	150	44
127N75W13CDB	06- -65	80	55555	46002	--	1750	7.4	540	190	17
127N75W22DAD	06- -65	48	55555	46002	--	1800	7.8	520	140	41
127N76W14ACC	06- -65	50	55555	46002	--	950	7.1	460	130	34
127N76W23	0- -75	100	55555	46002	--	794	8.0	300	83	23
127N76W25CCB	06-25-65	80	55555	46002	--	1500	7.8	400	84	46
127N78W 5CAC	06- -65	40	55555	46002	--	1250	8.2	140	48	5.0
--do--	08-10-66	40	55555	46002	--	1250	8.2	140	48	5.0
128N74W 4ABA	06- -65	70	55555	46002	--	2100	8.0	250	60	24
128N75W 1AAA	06- -65	65	55555	46002	--	1200	8.0	590	120	71
128N75W 9BAA	06- -65	70	55555	46002	--	300	7.0	80	28	2.4
128N75W21CDA	06- -65	65	55555	46002	--	1000	7.7	330	64	41
128N75W21DBB	06- -65	36	55555	46002	--	1550	7.8	860	240	63
128N77W 1BCB	06-25-65	52	55555	46002	--	1270	7.4	570	160	41
128N78W35BBB	06-25-65	42	55555	46002	--	4200	7.4	1500	410	110
--do--	07-12-65	42	55555	46002	--	4400	-	1400	360	110
128N79W11CDD	06-07-67	170	1028	46002	--	1260	7.6	280	80	19
128N79W12AAA	09- -65	40	55555	46002	--	2900	8.0	830	180	92

SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTASSIUM, DIS-SOLVED (MG/L AS K) (00935)	CHLORIDE, DIS-SOLVED (MG/L AS CL) (00940)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	BICARBONATE FET-FLD (MG/L AS HCO3) (00440)	CARBONATE FET-FLD (MG/L AS CO3) (00445)	NITROGEN, NITRATE TOTAL (MG/L AS N) (00620)	SOLIDS SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) (70301)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	BORON, DIS-SOLVED (UG/L AS B) (01020)
32	3.0	10	180	.20	--	350	--	--	780	--	--	--
14	6.0	15	55	.20	--	230	--	--	780	--	--	--
8.0	10	10	140	.40	--	390	--	--	740	--	--	--
200	10	90	540	.40	--	670	--	--	1700	--	--	--
180	13	30	670	.50	--	460	--	--	1600	--	--	--
33	13	15	45	.40	--	390	--	--	580	--	--	--
160	4.0	30	65	.80	--	500	--	--	640	--	--	--
280	10	60	670	.50	--	430	--	--	--	--	--	--
26	4.0	35	45	.20	--	370	--	--	370	--	--	--
360	10	10	360	.30	--	680	--	--	1200	--	--	--
260	8.0	5.0	250	.60	--	560	--	--	--	--	--	--
280	5.0	5.0	280	.40	--	540	--	--	--	--	--	--
240	5.0	25	190	.50	--	500	--	--	--	--	--	--
50	5.0	30	340	.20	--	390	--	--	890	--	--	--
49	10	5.0	340	.30	--	510	--	--	1000	--	--	--
52	14	10	250	.20	--	560	--	--	860	--	--	--
38	9.5	15	160	.20	--	350	--	--	530	--	--	--
16	6.0	25	150	.40	--	410	--	--	--	--	--	--
16	11	5.0	100	.50	--	470	--	--	--	--	--	--
32	18	20	280	.40	--	340	--	--	--	--	--	--
92	8.0	50	500	.30	--	440	--	--	1700	--	--	--
65	13	15	260	.20	--	510	--	--	1000	--	--	--
190	5.0	5.0	450	.50	--	580	--	--	1300	--	--	--
240	17	10	500	.30	--	610	--	--	1400	--	--	--
30	4.0	50	180	.10	--	370	--	--	760	--	--	--
84	10	10	180	--	--	280	--	--	--	--	--	--
220	5.0	20	340	.30	--	540	--	--	1300	--	--	--
240	5.0	15	280	1.2	--	560	60	--	820	--	--	--
240	5.0	15	280	1.2	--	560	60	--	820	--	--	--
400	12	40	540	.80	--	670	--	--	1500	--	--	--
160	12	35	400	.40	--	580	--	--	1300	--	--	--
15	5.0	5.0	45	.40	--	150	--	--	230	--	--	--
76	12	20	110	.40	--	580	--	--	630	--	--	--
78	13	75	460	.40	--	450	20	--	1400	--	--	--
72	6.0	15	390	.30	--	450	--	--	1100	--	--	--
310	5.0	810	500	.40	--	580	--	--	3600	--	--	--
430	10	890	470	--	--	--	--	--	--	--	--	--
180	9.1	6.0	170	--	--	510	--	--	920	--	--	700
390	10	10	1100	.80	--	820	--	--	2600	--	--	--

TABLE 2. -- CHEMICAL ANALYSES OF GROUND WATER IN CAMPBELL COUNTY - continued

PRINCIPAL AQUIFER/ LOCAL IDENTIFIER	DATE OF SAMPLE	DEPTH OF WELL (FEET) (00003)	AGENCY COL-LECTING SAMPLE (CODE NUMBER) (00027)	AGENCY ANA-LYZING SAMPLE (CODE NUMBER) (00028)	TEMPER-ATURE (DEG C) (00010)	SPE-CIFIC CON-DUC-TANCE (US/CM) (00095)	PH (STAND-ARD UNITS) (00400)	HARD-NESS (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)
Dakota aquifer										
125N78W 4DDA	04-28-66	2470	1028	46002	28.5	2690	7.6	1100	290	80
128N78W35BBCA	06-25-65	2040	1028	46002	--	8800	8.0	79	20	7.0
Inyan Kara aquifer										
125N78W27AACC	06-15-64	2300	55555	46002	--	3800	-	520	150	36
Sundance aquifer										
126N76W18DBA	04-14-65	2190	55555	46004	--	2600	-	1000	280	73
--do--	09- -65	2190	55555	46004	--	--	7.7	1000	280	76
--do--	01-14-75	2190	55555	46004	--	--	7.5	1100	290	79
--do--	11- -76	2190	55555	46004	--	--	7.4	1000	270	84
--do--	09-27-78	2190	55555	46004	--	2500	7.4	1000	290	79
--do--	02-26-79	2190	55555	46004	--	--	-	--	--	--
--do--	01-14-80	2190	55555	46004	--	--	-	--	--	--
--do--	10-22-80	2190	55555	46004	--	2760	7.2	1000	290	72
127N77W21BCCB	0- -68	2270	55555	46002	--	2860	7.2	1000	290	77
127N78W 5CDBA	08-24-66	2360	1028	46002	--	3020	7.5	730	210	50
--do--	06-11-74	2360	1028	84913	31.5	2910	7.4	890	240	70
127N78W20DCDD	08-14-62	2490	1028	84913	31.0	3150	7.3	530	140	45
--do--	05-07-69	2490	1028	84913	25.5	3090	8.0	530	140	45
--do--	10-13-82	2490	55555	46002	--	2830	-	--	--	--
--do--	07-06-83	2490	55555	46002	--	3210	-	--	--	--

SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	BICAR-BONATE FET-FLD (MG/L AS HCO3) (00440)	CAR-BONATE FET-FLD (MG/L AS CO3) (00445)	NITRO-GEN, NITRATE TOTAL (MG/L AS N) (00620)	SOLIDS SUM OF CONSTI-TUENTS, DIS-SOLVED (MG/L) (70301)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE) (01045)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN) (01055)	BORON, DIS-SOLVED (UG/L AS B) (01020)
270	23	100	1300	2.9	14	190	0	--	2200	--	--	420
2200	.00	2800	250	.50	--	670	--	--	7200	--	--	--
620	10	320	1200	--	--	230	--	--	2500	--	--	--
230	21	120	1200	.50	--	260	0	--	2000	--	--	--
270	23	120	1300	3.2	--	160	--	1.2	--	3200	200	--
260	19	120	1300	2.8	--	180	--	<1.0	--	3600	200	--
260	21	120	1300	2.9	--	160	--	<1.0	--	800	200	--
260	19	120	1300	2.9	--	170	--	.50	--	100	160	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
260	19	120	1200	2.8	--	170	--	.60	--	1200	170	--
280	22	150	1400	7.0	--	190	0	--	2300	--	--	--
310	22	270	1200	--	--	190	--	--	2100	--	--	--
360	21	140	1300	2.8	14	190	0	--	2300	--	--	420
500	17	160	1200	2.8	18	190	0	--	2200	--	--	470
500	18	160	1200	2.6	17	210	0	--	2200	--	--	470
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--