

RECORDS OF WELLS AND CHEMICAL ANALYSES OF GROUND WATER IN CHARLES MIX AND DOUGLAS COUNTIES, SOUTH DAKOTA

By Kathleen M. Neitzert

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CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
foot (ft)	0.3048	meter
inch (in.)	25.4	millimeter

Temperature can be converted to degree Fahrenheit (°F) or degree Celsius (°C) by the following equations:

$$^{\circ}\text{F} = 9/5 (^{\circ}\text{C}) + 32$$

$$^{\circ}\text{C} = 5/9 (^{\circ}\text{F}-32)$$

Sea level: In this report, “sea level” refers to the National Geodetic Vertical Datum of 1929--a geodetic datum derived from a general adjustment of the first-order level nets of the United States and Canada, formerly called Sea Level Datum of 1929.

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ABSTRACT

The U.S. Geological Survey, in cooperation with the South Dakota Department of Environment and Natural Resources, maintains a data base of information on water resources in the State of South Dakota. The ground-water site data for Charles Mix and Douglas Counties are presented in two tables, with the data organized by county and location. The chemical data for ground-water sites also are located in a table, organized by geologic unit and location.

INTRODUCTION

A multiple-year investigation was concluded in 1975 to determine the geology and water resources of Charles Mix and Douglas Counties in eastern South Dakota (fig. 1). The investigation, accomplished at the request of Charles Mix and Douglas Counties and the Fort Randall Conservancy Sub-District, was a cooperative effort by the South Dakota Geological Survey (SDGS) and the United States Geological Survey (USGS). A series of four reports were published by the SDGS and the USGS to summarize the findings of the investigation.

The previously published reports include: Sand and gravel resources in Charles Mix and Douglas Counties, South Dakota (Hedges, 1972); Major aquifers in Charles Mix and Douglas Counties, South Dakota (Kume, 1972); Geology and water resources

of Charles Mix and Douglas Counties, South Dakota, Part I: Geology (Hedges, 1975), and Part II: Water resources (Kume, 1977).

Since the original investigation was completed, the USGS has cooperated with SDGS in a process of reviewing and verifying the original well, test-hole, and water-quality data. Furthermore, additional data have been collected. The purpose of this report is to compile existing well, test-hole, and chemical data for Charles Mix and Douglas Counties in one document.

COMPUTER DATA BASES

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.

Chemical data for ground water have been entered into computer storage in the Water-Quality File of WATSTORE. Water-quality data consisting of chemical, physical, biological, and radiochemical parameters are stored in the Water-Quality File.

The Water Resources Division of the USGS maintains these WATSTORE data bases. In addition to its data processing, storage, and retrieval capabilities, WATSTORE has the capability of providing

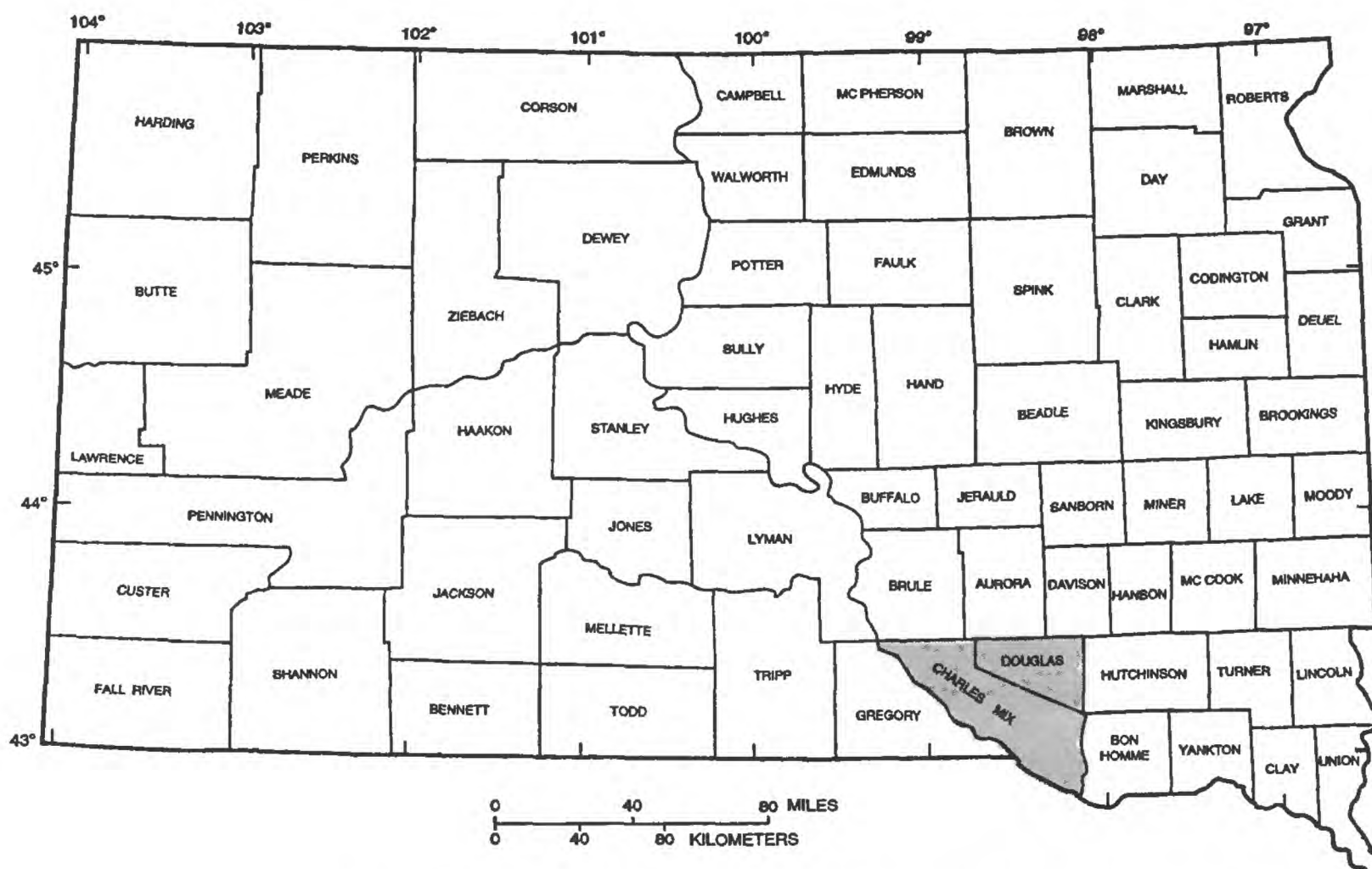


Figure 1. Location of Charles Mix and Douglas Counties.

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.

DATA COMPILATION AND VERIFICATION

All well and test-hole data collected for the original investigation of the geology and water resources of Charles Mix and Douglas Counties were verified by comparing the information in the computer data base with the information on the original well schedules. All well and test-hole data collected since 1977 were reviewed by a process of verifying the data against drillers' logs, interviewing landowners, and cross checking with data existing in the computer data base.

All chemical data for ground water were reviewed for accuracy and consistency using quality-control guidelines of the South Dakota District of the U.S. Geological Survey (U.S. Geological Survey, written commun., 1991).

Well and test-hole data for Charles Mix County are presented in table 1 in the Supplemental Information section at the end of this report. Well and test-hole data for Douglas County are presented in table 2 in the Supplemental Information section. The aquifer codes for each well or test hole were determined using the information published by Hedges (1975). The chemical data, sorted by aquifer, are presented in table 3 in the Supplemental Information section.

LOCATION-NUMBERING SYSTEM

Site locations are numbered according to the Federal land-survey system of eastern South Dakota (fig. 2). The local number consists of township followed by "N," range followed by "W," and section number, followed by a maximum of four uppercase letters that indicate respectively, the 160-, 40-, 10-, and 2 1/2-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 100N67W14BAAA (fig. 2) is in the NE1/4, NE1/4, NE1/4, NW1/4, sec. 14, T. 100 N., R. 67 W.

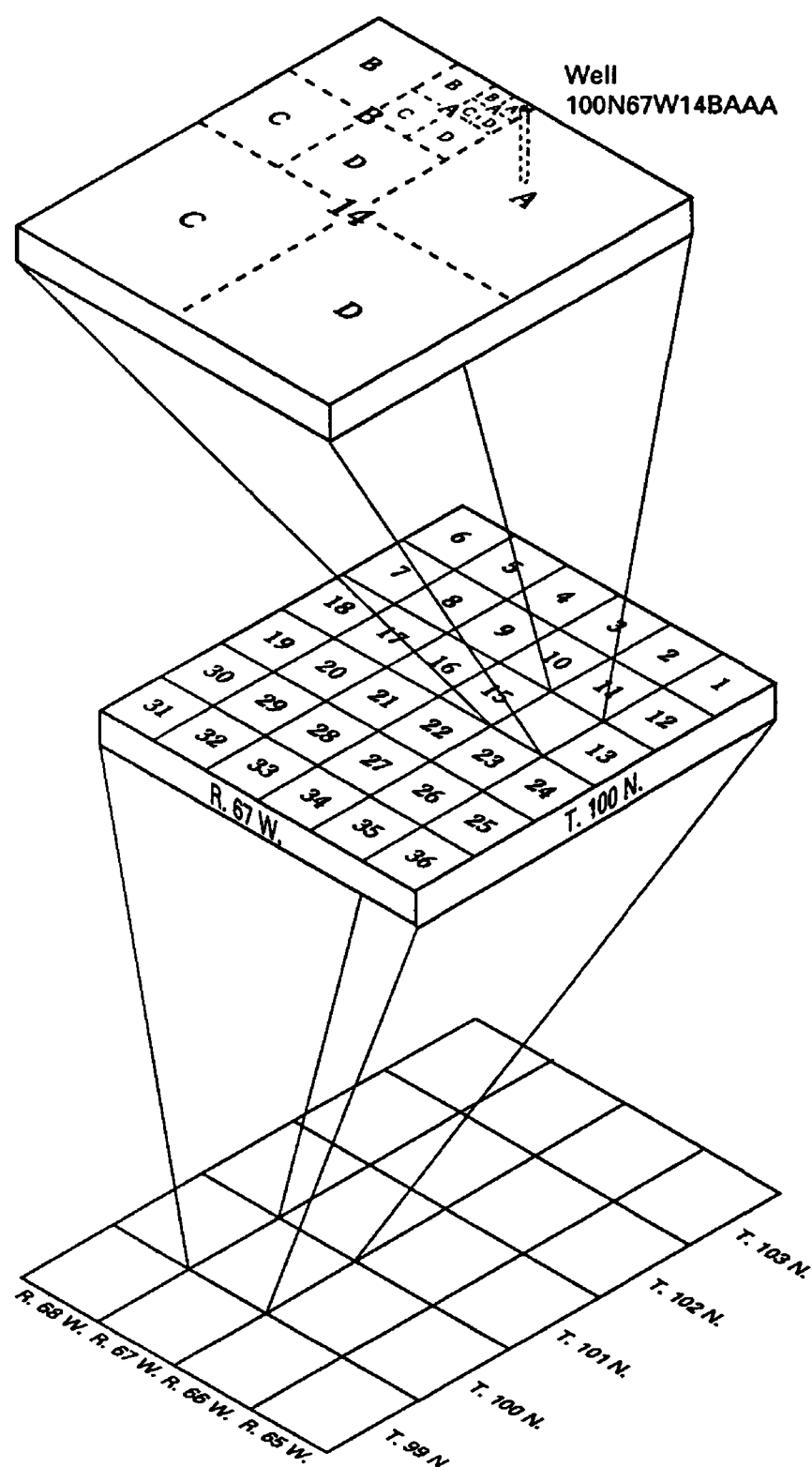


Figure 2. Well-numbering diagram.

REFERENCES

- Hedges, L.S., 1972, Sand and gravel resources in Charles Mix and Douglas Counties, South Dakota: South Dakota Geological Survey Circular 42, 6 p.
- 1975, Geology and water resources of Charles Mix and Douglas Counties, South Dakota, Part 1: Geology: South Dakota Geological Survey Bulletin 22, 43 p.
- Kume, Jack, 1972, Major aquifers in Charles Mix and Douglas Counties, South Dakota: South Dakota Geological Survey Information Pamphlet 2, 6 p.
- 1977, Geology and water resources of Charles Mix and Douglas Counties, South Dakota, Part II: Water resources: South Dakota Geological Survey Bulletin 22, 31 p.

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SUPPLEMENTAL INFORMATION

Explanation

The following abbreviations and codes are used in tables 1 and 2:

--, no data

Owner

USGS	- U.S. Geological Survey
SDWR	- South Dakota Department of Environment and Natural Resources, Division of Water Rights
SDGS	- South Dakota Department of Environment and Natural Resources, Division of Geological Survey
BR	- Bureau of Reclamation
USCE	- U.S. Army Corps of Engineers
SDGFP	- South Dakota Department of Game, Fish and Parks
USFWS	- U.S. Fish & Wildlife Service
USAF	- U.S. Air Force
BIA	- Bureau of Indian Affairs

Principal Aquifer

Use of Water

112CHTU	Choteau	H - domestic
112CRSC	Corsica	S - stock
112DELM	Delmont	D - dewater
112GEDS	Geddes	I - irrigation
112GENO	Greenwood	Z - other
112IRMD	Intermediate	U - unused
112PLSC	Pleistocene	T - institution
112TILL	Till	P - public supply
211CDLL	Codell	F - fire
211DKOT	Dakota	R - recreation
211NBRR	Niobrara	N - industrial
211PIRR	Pierre Shale	E - power
400SOUX	Sioux Quartzite	

Water level (feet)

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

F - flowing

P - pumping

R - recently pumped

Table 1. Records of wells and test holes in Charles Mix County

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
93N62W 2ABDC	Beeson, Delbert	211CDLL	380	2.0	1963	H,S	--	--	1,500
93N62W 2BCCC	USGS	112PLSC	58	--	06-08-1969	U	--	--	1,593
93N62W 3ADDA	Beeson, Delbert	211CDLL	470	2.0	1957	H,S	370	1957	1,620
93N62W 3CBB	Van Duysen, B.	211DKOT	548	2.0	1947	S	--	--	1,530
93N62W 3CBBB	Van Duysen, Bessie	211NBRR	358	--	--	S	--	--	1,523
93N62W 4BC	Mount, R.	211CDLL	301	4.0	05-16-1978	H	--	--	1,437
93N62W 6ADDD	SDGS	112TILL	69	--	07-31-1969	U	--	--	1,493
93N62W 6BCCB	SDGS	112TILL	67	--	07-30-1969	U	--	--	1,450
93N62W 7BBDD	Metteer, Harold	211DKOT	660	4.0	09-08-1966	S	--	--	1,370
93N62W 7CCCC	Deurmier, Jesse	211CDLL	167	--	1940	H,S	--	--	1,242
93N62W 7DAC	Lippolt, Elmer	211DKOT	603	2.0	1959	S	+57.75	09-15-1960	1,328
93N62W 8BAC	Okkinga, David	112PLSC	30	18.0	1962	S	10	01-01-1962	1,500
93N62W 9BCBA	Van Duysen, Francis	211CDLL	325	--	1925	H,S	--	--	1,375
93N62W 9BCBD	Van Duysen, Francis	211DKOT	556	3.0	1950	S	--	--	1,360
93N62W10BBB	Jandreau, D.	211CDLL	340	5.0	12- -1970	H	233	12- -1970	1,529
93N62W10CDB	Van Duysen, Francis	211NBRR	200	2.0	1955	S	--	--	1,480
93N62W11CACB	Beeson, Delbert	211CDLL	475	2.0	09-14-1962	S	360	1967	1,421
93N62W15ADCB	Jones, Elmer	211DKOT	620	4.0	09-17-1966	S	--	--	1,400
93N62W16CDA	Van Duysen, Francis	211DKOT	504	1.5	1957	S	--	--	1,350
93N62W17BCCC	Lippolt, Elmer	211CDLL	167	--	1951	H,S	--	--	1,240
93N62W17CACC	Lippolt, Elmer	211CDLL	120	4.0	1949	S,H	75	1956	1,243
93N62W17CBBC	BR	112GENO	16	4.0	10-17-1960	U	9	10-17-1960	1,231
93N62W17CD2	Tolsma, Larry	211CDLL	275	4.0	06-14-1977	H	190	06-14-1977	1,325
93N62W17CDC	Houska, Lloyd	211NBRR	88	--	1981	U	--	--	1,228
93N62W18BCBB	BR	112GENO	16	4.0	10-17-1960	U	7	03-15-1961	1,231
93N62W18CCCC	BR	112GENO	17	4.0	10-17-1960	U	10	10-17-1960	1,218
93N62W20A	Houska	112GENO	17	--	--	U	--	--	1,226
93N62W20ABB	USGS	112GENO	28	2.0	07-02-1968	U	8	07-09-1968	1,228
93N62W20ABB2	USGS	112GENO	18	1.25	07-02-1968	U	8	07-09-1968	1,228
93N62W20ABB3	USGS	112GENO	17.2	1.25	07-02-1968	U	7	07-09-1968	1,228

Table 1. Records of wells and test holes in Charles Mix County 7

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
93N62W20BCBC	BR	112GENO	15	4.0	10-18-1960	U	11	10-18-1960	1,230
93N62W20CBCC	BR	112GENO	19	4.0	10-18-1960	U	10	10-18-1960	1,231
93N62W21B	Rezac, Henry	211DKOT	437	5.0	08-15-1979	H	--	--	1,225
93N62W21BBBB	BR	112GENO	15	4.0	10-19-1960	U	6	10-19-1960	1,226
93N62W21BCAB	Canfield, Hermina	112GENO	20	--	--	H	--	--	1,227
93N62W21BCCB	BR	112GENO	15	4.0	10-19-1960	U	7	10-19-1960	1,227
93N62W22ACBD	Jones, Elmer	211CDLL	120	--	1920	H,S	--	--	1,290
93N62W22BCCB	BR	112PLSC	20	4.0	10-19-1960	U	9	10-19-1960	1,231
93N62W22CCCC	BR	112GENO	14	4.0	10-19-1960	U	8	10-19-1960	1,227
93N62W23BBBB	SDGS	112PLSC	39	--	07-10-1969	U	--	--	1,350
93N62W28ADDD	BR	112GENO	13	--	10-19-1960	U	6	10-19-1960	1,222
93N62W29AAAA	BR	112GENO	13	--	10-18-1960	U	9	10-18-1960	1,225
93N63W 1CCCC	USGS	112PLSC	24	2.0	07-01-1968	--	--	--	1,360
93N63W 1CCCC2	USGS	112PLSC	20	1.25	07-01-1968	--	--	--	1,360
93N63W 2AAAC	Rysavy, Joe	211CDLL	270	2.0	1954	H,S	--	--	1,400
93N63W 3BAAA	BR	112PLSC	20	--	05-14-1957	U	--	--	1,465
93N63W 3CBDD	Soukup, Edward Jr.	211DKOT	300	--	--	S	--	--	1,240
93N63W 3CBDD2	Soukup, Edward Jr.	211CDLL	100	--	1949	H	--	--	1,240
93N63W 4DCAA	BR	112GENO	20	4.0	10-14-1960	U	12	10-14-1960	1,236
93N63W 5BAA	Reinschmidt, H.	211DKOT	657	3.0	1958	S	--	--	1,300
93N63W 5BAAA	BR	211NBRR	24	--	03-30-1967	U	--	--	1,342
93N63W 5BDAD	BR	211CDLL	76	--	08-25-1967	U	11.8	08-25-1967	1,228
93N63W 5CAAA	BR	112PLSC	15	--	03-31-1967	U	--	--	1,238
93N63W 5CAAB	SDGS	211CDLL	85	--	05-27-1970	U	--	--	1,240
93N63W 5CAAD	BR	211CDLL	61	4.0	08-24-1967	U	11.7	08-25-1967	1,240
93N63W 5CDDA	BR	211CDLL	61	--	05-11-1967	U	6	06-16-1967	1,236
93N63W 5CDDD	BR	211CDLL	61	4.0	08-22-1967	U	9.2	08-23-1967	1,236
93N63W 5DDDD	BR	112GENO	19	--	10-13-1960	U	12	10-13-1960	1,236
93N63W 6ADAA	BR	112GENO	17	4.0	10-13-1960	U	10	10-13-1960	1,237
93N63W 6DADD	BR	112GENO	19	4.0	10-13-1960	U	11	10-13-1960	1,240

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
93N63W 8AAAA	Reinschmidt, Henry	211DKOT	575	4.0	1957	H,S	--	--	1,236
93N63W 8BAAD	BR	211CDLL	60	--	05-12-1967	U	7	06-16-1967	1,236
93N63W 8BADA	BR	211CDLL	61	4.0	08-23-1967	U	8	08-24-1967	1,232
93N63W 8BDBD	BR	112PLSC	61	4.0	05-15-1967	U	13	1969	1,237
93N63W 9AAAA	USGS	112PLSC	84	--	07-17-1968	U	11	07-17-1968	1,234
93N63W 9ABDD	--	112GENO	16.4	--	--	--	--	--	1,235
93N63W 9B	Reinschmidt	112GENO	32	--	--	U	--	--	1,234
93N63W 9BBBB	USGS	112GENO	32	1.5	07-02-1968	U	13	07-02-1968	1,236
93N63W 9BBBC	BR	112GENO	17	4.0	10-13-1960	U	8	10-13-1960	1,232
93N63W10AAAA	BR	112GENO	20	--	10-15-1960	U	16.4	10-15-1960	1,234
93N63W10DAAD	BR	112GENO	15	--	12-04-1956	U	--	--	1,235
93N63W11BCCC	Reinschmidt, Harold	211CDLL	100	2.0	1939	H	7	1969	1,234
93N63W11BD	Ramsdell, Paul	211CDLL	95	--	03-28-1981	I	--	--	1,233
93N63W11C	Ramsdell, Paul	211CDLL	91	--	03-31-1981	I	--	--	1,236
93N63W11CA	Ramsdell, Paul	211CDLL	75	--	03-31-1981	I	--	--	1,230
93N63W11CBBB	Reinschmidt, H.	112GENO	20	2.0	--	S	--	--	1,234
93N63W11CCCC	SDGS	211CDLL	125	--	05-27-1970	U	--	--	1,237
93N63W11DDDD	BR	112GENO	19	4.0	10-17-1960	U	9	10-17-1960	1,231
93N63W12CBBA	--	211DKOT	528	--	--	S	--	--	1,248
93N63W13ABBD	Houska, George	112GENO	90	4.75	04-15-1981	I	10	04-15-1981	1,232
93N63W14BBBB	BR	112GENO	20	4.0	10-15-1960	U	10	10-15-1960	1,233
93N63W15BBBA	BR	112GENO	20	--	10-06-1960	U	--	--	1,463
94N61W 6BBBB	USGS	--	62	--	07-26-1966	U	17	07-26-1966	1,445
94N61W 6CBAC	Vilhauer, John	112CHTU	127	3.0	1951	H,S	--	--	1,450
94N61W 7BAAC	Vilhauer, Marlin	112CHTU	127	3.0	1966	H,S	--	--	1,449
94N61W 7CAA	Wikens, David	211DKOT	693	3.5	1964	S	25	02-17-1967	1,419
94N61W19BBBD	Ratzlaff, Albert	112CHTU	30	--	--	U	--	--	1,350
94N61W19CCCC	USGS	112CHTU	29	3.0	05-03-1966	U	9	05-05-1966	1,308
94N61W19CCCC2	USGS	112CHTU	45	3.0	05-03-1966	U	--	--	1,308
94N61W30CCCC	USGS	112CHTU	75	--	07-18-1968	U	7	07-18-1968	1,296

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
94N62W 1CCCC	USGS	112TILL	103	--	06-06-1967	U	--	--	1,480
94N62W 1DAAA	BR	112TILL	10	--	05-16-1957	U	--	--	1,468
94N62W 2ADAA	Cahoy, E.	112PLSC	240	3.0	--	H,S	223	1956	1,475
94N62W 2BBBB	BR	112PLSC	10	--	05-15-1957	U	--	--	1,465
94N62W 2CDCB	Fennema, Garret	112PLSC	300	3.0	1966	S	--	--	1,502
94N62W 2DAAB	Fennema, Ted	112PLSC	260	3.0	--	S	--	--	1,500
94N62W 3AA	Fennema, Grant	211DKOT	705	4.0	04-18-1967	S	--	--	1,450
94N62W 3CCBB	Krcil, Martin	211CDLL	318	--	--	S	--	--	1,435
94N62W 4BBCD	Koupal, Lyle	211CDLL	300	2.25	1920	H,S	--	--	1,432
94N62W 4CCCC	BR	112PLSC	9	--	05-16-1957	U	--	--	1,440
94N62W 4DDDD	SDGS	112PLSC	50	--	10-27-1969	U	--	--	1,445
94N62W 5ABDD	Rezac, Leo	211CDLL	300	--	1916	H,S	--	--	1,425
94N62W 5CC	Rezac, E.	211CDLL	394	4.0	04-23-1984	--	180	04-23-1984	1,500
94N62W 6BCCC	Mazourek, Lavern	211CDLL	400	3.0	1968	H,S	--	--	1,547
94N62W 6DDD	Novak, Robert	211CDLL	400	2.0	1949	H,S	--	--	1,540
94N62W 8DDDD	USGS	112TILL	72	--	07-16-1968	U	--	--	1,452
94N62W 9AABB	Krcil, Joseph	211CDLL	230	--	1967	H,S	--	--	1,441
94N62W 9AABB2	Krcil, Joseph	211CDLL	230	--	--	H,S	--	--	1,441
94N62W 10CCD	USGS	112PLSC	38	--	06-06-1967	U	--	--	1,341
94N62W 10CDDC	Moysis, Robert	112PLSC	54	24.0	1966	S	15	1969	1,375
94N62W 10DDDD	SDGS	112TILL	69	--	07-11-1969	U	--	--	1,447
94N62W 12BBBB	BR	112PLSC	10	--	05-15-1957	U	--	--	1,480
94N62W 13AADC	Williams, James	112PLSC	140	--	--	H,S	--	--	1,450
94N62W 13BBAA	SDGS	112PLSC	335	--	04-18-1969	U	--	--	1,423
94N62W 13DCDA	Dykman, James	112PLSC	54	16.0	1920	S	--	--	1,360
94N62W 14AAAC	Jerke, Otto	112PLSC	110	3.0	1968	H,S	--	--	1,400
94N62W 14AAAC2	Jerke, Otto	112TILL	18	18.0	1920	S	--	--	1,400
94N62W 16CAAD	Blaha, James	211CDLL	340	4.0	1965	H,S	--	--	1,498
94N62W 17ADAA	Kocer, L. & A.	211CDLL	370	3.0	1929	H,S	--	--	1,489
94N62W 18ABAA	Cimpl, John	211CDLL	390	3.0	1953	H,S	--	--	1,550

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
94N62W18DDB	Uchytel, Anton	112TILL	70	22.0	1969	S	55	1969	1,590
94N62W19BAA	Carda, Wes	112TILL	45	--	1930	S	--	--	1,610
94N62W19CBDD	Uchytel, Anton	112PLSC	44	24.0	04-13-1966	S	--	--	1,552
94N62W19DCBD	Moysis, Alvin	211CDLL	500	2.0	1920	H,S	--	--	1,580
94N62W20ADC	Koupal, William	211CDLL	500	--	--	H,S	--	--	1,573
94N62W20CBBB	Novak, J. & L.	112TILL	35	18.0	1950	H,S	7	06- -1969	1,576
94N62W21BDB	Rezac, Henry	211CDLL	420	3.0	05-02-1956	H	240	05-02-1956	1,561
94N62W22BBBD	Blaha, Frank	211CDLL	340	4.0	1968	H,S	--	--	1,460
94N62W22DBAA	Hlavac, Frank	211CDLL	240	2.0	1958	H,S	--	--	1,400
94N62W23BBCC	Blaha, Frank	112PLSC	35	16.0	--	S	5	1956	1,350
94N62W23DCAA	Red Buffalo, Edith	211CDLL	188	2.0	06-24-1974	--	--	--	1,312
94N62W24ADDD	SDGS	112PLSC	24	--	07-14-1969	U	--	--	1,535
94N62W24BABB	USGS	112PLSC	73	--	07-18-1968	U	--	--	1,374
94N62W24BDAC	Fees, Chester	112PLSC	110	3.0	1915	H,S	--	--	1,363
94N62W24CDDDD	SDGS	112PLSC	13	--	07-14-1969	U	--	--	1,341
94N62W24DCDB	Wynia, Jack	112PLSC	90	4.0	1930	S	--	--	1,329
94N62W24DCDB2	Wynia, Jack	211CDLL	155	2.0	1966	H	--	--	1,329
94N62W25AAAA	USGS	112PLSC	86	1.5	07-07-1966	U	--	--	1,309
94N62W25ABBA	Wynia, Jack	112PLSC	90	2.0	1950	S	--	--	1,325
94N62W25BBBB	USGS	112PLSC	45	--	06-08-1967	U	--	--	1,312
94N62W25BBBBB2	USGS	112PLSC	86	1.5	07-07-1966	U	--	--	1,312
94N62W25BCBD	Wynia, Dean	211CDLL	150	2.0	--	H,S	--	--	1,380
94N62W25CDDDD	SDGS	112PLSC	14	--	07-14-1969	U	--	--	1,344
94N62W26AAAAA	USGS	112PLSC	37.8	1.5	06-08-1967	U	25	06-15-1967	1,312
94N62W26AAAAA2	Rouse School 3	112PLSC	40	24.0	--	T	21	07-16-1969	1,352
94N62W26BBB	DeJong, Simon	211CDLL	333	3.0	1925	H,S	72	1969	1,502
94N62W26BBBCB	SDGS	112PLSC	25	--	07-14-1969	U	--	--	1,500
94N62W27AAAAA	SDGS	112TILL	35	--	10-27-1969	U	--	--	1,490
94N62W27DCC	Rezac, Louis	211CDLL	340	3.0	1951	H,S	90	1951	1,485
94N62W27DDA	Gibson, Norman	211CDLL	340	2.0	--	H,S	--	--	1,450

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
94N62W28CBC	Medricky, Joe	211DKOT	763	4.0	04-30-1965	S	93	04-30-1965	1,531
94N62W29DDBB	Kelly, Francis	112PLSC	30	--	1930	H,S	15	1969	1,500
94N62W30BACD	Koupal, Steve	211CDLL	400	4.0	1967	H,S	--	--	1,640
94N62W30DDDA	--	211DKOT	640	--	--	S	--	--	1,510
94N62W31CAD	Vitek, Joseph	112PLSC	50	--	1944	H,S	--	--	1,512
94N62W32CCCC	USGS	112TILL	47	--	07-16-1968	U	--	--	1,515
94N62W32DBDC	Cimpl, Charles	211DKOT	600	3.0	1944	H,S	25	1967	1,460
94N62W34CDCA	Okkinga, David	211CDLL	475	3.0	1958	H,S	325	1958	1,600
94N62W35DDA	Kreber, Albert	211NBRR	72	3.0	06-09-1956	S	64	06-09-1956	1,349
94N63W 1CCCC	SDGS	112TILL	119	--	07-10-1969	U	50	07-10-1969	1,655
94N63W 1DBDD	Cuka, Harvey	211CDLL	470	--	1967	H,S	--	--	1,610
94N63W 3BBCC	Kocer, Thomas	211DKOT	900	3.0	1950	H,S	90	1969	1,620
94N63W 4AADD	SDGS	112TILL	200	--	04-24-1969	U	--	--	1,620
94N63W 4CDCA	Soukup, Raymond	211CDLL	400	2.0	1920	H,S	--	--	1,550
94N63W 5DAAB	Kocer, Daniel	211CDLL	400	--	1948	H,S	--	--	1,580
94N63W 6BBBB	SDGS	112PLSC	80	--	04-24-1969	U	--	--	1,455
94N63W 6CCCB	Mach, Clyde	211CDLL	350	2.0	1920	H,S	--	--	1,480
94N63W 7AABB	Soukup, Mrs. E.	211CDLL	400	--	--	H,S	--	--	1,495
94N63W 7BABD	Soukup, Robert	211CDLL	360	2.0	1953	S	--	--	1,503
94N63W 7BADB2	Soukup, Robert	211CDLL	365	2.0	1930	H,S	--	--	1,503
94N63W 8BBBB	SDGS	112TILL	65	--	05-25-1970	U	--	--	1,483
94N63W 8DABB	Koupal, Ralph	211CDLL	300	3.0	1920	H,S	--	--	1,482
94N63W 9BABA	Cuka, William	211CDLL	400	--	1915	H,S	--	--	1,535
94N63W11DDCA	Zolnowsky, Robert	211PIRR	60	18.0	1942	H,S	10	1969	1,560
94N63W12CADC	Nedved, Leonard	211PIRR	150	6.0	--	H,S	--	--	1,600
94N63W13CCDC	Zacharias, Wesley	112TILL	10	48.0	--	H,S	--	--	1,599
94N63W15BCA	Carda, Emil	211CDLL	350	2.0	1930	H,S	--	--	1,515
94N63W16BABB	SDGS	112PLSC	34	--	07-09-1969	U	7	07-09-1969	1,430
94N63W16BBBB	SDGS	112PLSC	54	--	07-09-1969	U	12	07-09-1969	1,430
94N63W16DCDB	Johannsen, James	211DKOT	730	3.0	1966	S	--	--	1,440

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
94N63W16DCDC	Johannsen, James	211CDLL	380	2.0	1945	H,S	--	--	1,447
94N63W18	Anderson, Gary	211NBRR	170	--	04-15-1977	U	--	--	1,410
94N63W18ABBB	SDGS	112PLSC	43	2.0	05-17-1978	--	--	--	1,370
94N63W18BABB	SDGS	112PLSC	110	--	05-26-1970	U	--	--	1,370
94N63W18BDDB	Anderson, Gary	112PLSC	160	--	--	U	--	--	1,420
94N63W18DADD	SDGS	112TILL	35	--	05-26-1970	U	--	--	1,405
94N63W19AAAA	Koupal, Richard	211CDLL	300	--	--	I	--	--	1,421
94N63W20AAAA	SDGS	112PLSC	49	--	07-09-1969	U	9	07-09-1969	1,397
94N63W20ADAA	Walters, William	211CDLL	300	2.0	1910	H,S	--	--	1,405
94N63W21AAAA	SDGS	112PLSC	65	--	04-24-1969	U	--	--	1,498
94N63W21DCCC	SDGS	112PLSC	24	--	07-10-1969	U	--	--	1,400
94N63W22CCCB	Carda, Steve	211CDLL	400	--	1958	H,S	--	--	1,419
94N63W23CBBB	SDGS	112PLSC	39	--	07-14-1969	U	--	--	1,495
94N63W25BAAC	Payer, Adolph	211CDLL	340	--	1952	H,S	--	--	1,550
94N63W25DBDC	Beeson, Richard	211CDLL	310	2.0	1948	H,S	--	--	1,510
94N63W26DAAA	SDGS	112TILL	49	--	07-10-1969	U	--	--	1,518
94N63W27AAA	Patterson, Phillip	211CDLL	338	5.0	12- -1970	H	200	12- -1970	1,459
94N63W27BABB	Smejkal, Keith	211CDLL	407	--	--	--	--	--	1,390
94N63W28ADAA	USGS	112TILL	127	--	07-17-1968	U	--	--	1,392
94N63W29BB	Koupal, Charlie	211DKOT	608	3.0	1959	S	--	--	1,400
94N63W29DADB	Anderson, Robert	211CDLL	350	2.0	1930	H,S	--	--	1,403
94N63W30BACD	Eggers, Waldon	211CDLL	300	1.0	1930	H,S	--	--	1,403
94N63W30BACD2	Eggers, Waldon	211DKOT	668	2.5	1964	S	2	05-28-1969	1,403
94N63W30CCBB	--	211CDLL	344	--	--	S	--	--	1,375
94N63W31ABB	Kaberna, John	211DKOT	560	3.0	1959	S	--	--	1,350
94N63W31BCC	Kaberna Ranch	211DKOT	680	4.0	--	S	--	--	1,300
94N63W32CDAB	BR	112PLSC	25	--	05-10-1967	U	--	--	1,465
94N63W33ADAC	Smejkal, Larry	211DKOT	960	5.0	11-27-1985	S	--	--	1,457
94N63W33ADDD	Smejkal, Joe	211CDLL	380	4.0	10-20-1965	S,H	--	--	1,466
94N63W33BCAB	Smejkal, Joe	211DKOT	830	2.5	07-28-1961	S	--	--	1,440

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
94N63W33CCBB	Walters, Joe	211DKOT	570	2.5	07-24-1961	S	--	--	1,350
94N63W33DDDB	Walters, Joe	211CDLL	380	--	1930	H,S	--	--	1,470
94N63W35CBCCC	SDGS	112PLSC	14	--	07-10-1969	U	--	--	1,386
94N63W35CCCCD	SDGS	112TILL	90	--	05-26-1970	U	11	05-26-1970	1,378
94N63W36BCCCC	Merkwan, Charles	211CDLL	300	2.0	1950	H,S	--	--	1,494
94N63W36CCBC	Thornton, Wesley	211CDLL	275	--	06- -1954	H,S	--	--	1,500
94N64W 1CCCCD	Hyde, Vern Jr.	211CDLL	252	2.0	--	H,S	--	--	1,447
94N64W 2DDCA	Musilek, Vratislav	211CDLL	312	2.0	--	H,S	--	--	1,453
94N64W 3BBCC	BR	112PLSC	24	--	03-29-1967	U	--	--	1,480
94N64W 4BCB	USGS	112TILL	57	--	07-09-1968	U	7	07-09-1968	1,435
94N64W 4BCCA	SDGS	112PLSC	25	2.0	05-22-1989	--	--	--	1,435
94N64W 4DADD	Hyde, Vern Sr.	112PLSC	200	--	--	H,S	--	--	1,439
94N64W 5AB	Marty Mission	211DKOT	994	8.0	05- -1940	S	+9.5	1952	1,460
94N64W 5AB2	Marty Mission	211CDLL	365	--	1953	T	--	--	1,460
94N64W 5ABA	Marty Mission	211CDLL	365	3.0	--	T	--	--	1,460
94N64W 7CBBC	Kranig, John	112PLSC	25	1.25	--	H,S	20	06-06-1969	1,244
94N64W 8DDCD	SDGS	112PLSC	27.5	2.0	05-22-1989	I	--	--	1,498
94N64W 9AAAB	--	211CDLL	321	--	--	S	--	--	1,440
94N64W 9ABA	Robertson, Art	211CDLL	450	2.5	1930	H,S	--	--	1,455
94N64W 9D	Blackmon, Evelyn	211CDLL	381	6.0	06-12-1974	--	--	--	1,495
94N64W10ADD	St. Pierre, B.	211CDLL	368	5.0	1970	H	174	12- -1970	1,425
94N64W10CCB	Barnhart, Emmet	211CDLL	450	--	1927	H,S	--	--	1,500
94N64W10DAD	Kranig, Harold	211CDLL	450	--	--	H,S	--	--	1,422
94N64W10DDA	St. Pierre, B.	211CDLL	265	5.0	12- -1970	H	--	--	1,930
94N64W11ADAB	Ehrisman, Ronald	211CDLL	450	--	1950	H,S	--	--	1,410
94N64W12CCAD	Kucera, Robert	211CDLL	225	--	1956	H,S	--	--	1,413
94N64W13BBBA	Mach, Arthur	211CDLL	250	--	1930	H,S	--	--	1,400
94N64W13D	Nedved, Franklin	211DKOT	628	4.0	07-29-1964	S	--	--	1,405
94N64W14ABBB	Hyde, Henry	112PLSC	50	16.0	1939	S	15	06- -1969	1,420
94N64W15ABB	Roberston, Don	211CDLL	400	--	1940	H,S	--	--	1,475

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
94N64W15BBBB	SDGS	112TILL	49	--	07-09-1969	U	--	--	1,524
94N64W17BDB	Barnhart, Emmet	211DKOT	790	2.0	1949	S	--	--	1,400
94N64W18ABBB	BR	112PLSC	14	4.0	10-11-1960	U	9	10-19-1960	1,241
94N64W18BBBB	USGS	112PLSC	132	--	07-09-1968	U	--	--	1,245
94N64W18CDDD	BR	112PLSC	18	4.0	10-11-1960	U	11	10-11-1960	1,244
94N64W19ACDD	Hyde, William	112PLSC	30	--	--	H,S	--	--	1,245
94N64W19DCAA	BR	112PLSC	17	4.0	10-11-1960	U	11	10-19-1960	1,241
94N64W20BBBB	BR	112PLSC	19	4.0	10-11-1960	U	10	10-19-1960	1,240
94N64W20CADD	SDGS	211CDLL	105	--	05-28-1970	U	--	--	1,241
94N64W20CBCC	SDGS	112PLSC	140	--	05-28-1970	U	--	--	1,240
94N64W20CCBB	USGS	112PLSC	21	1.25	07-03-1968	U	10	07-09-1968	1,241
94N64W20CCBB2	BR	112PLSC	17	--	10-11-1960	U	11	10-12-1960	1,241
94N64W20CCBB3	BR	112PLSC	10	--	08-04-1960	U	--	--	1,241
94N64W20DBCB	Woods, Norman	112PLSC	50	--	--	S	--	--	1,250
94N64W20DBDC	Woods, Norman	112PLSC	20	--	1965	H	--	--	1,275
94N64W20DDCA	BR	112PLSC	16	4.0	10-12-1960	U	10	10-19-1960	1,240
94N64W21BDD	Robertson Stock Farm	211DKOT	740	5.0	09-27-1985	S	--	--	1,340
94N64W22AD	Chas. Mix Mach	211DKOT	1,000	--	06-24-1960	U	--	--	1,480
94N64W23DAA	Kocer, Frank	211DKOT	641	--	07-23-1954	S	--	--	1,368
94N64W24BA	Denker, Merle	211DKOT	620	--	10-22-1980	H	--	--	1,399
94N64W24BAA	Denker, Merle	211CDLL	400	--	1935	H	--	--	1,406
94N64W25CA	Eggers, Waldon	211DKOT	644	--	1963	S	1	09- -1969	1,425
94N64W26CCCD	SDGS	112TILL	54	--	08-25-1969	U	--	--	1,320
94N64W26DBA	Archambeau, Percy	211DKOT	680	2.0	1959	S	36.96	09-14-1960	1,402
94N64W27DAC	Cook, Joe	211CDLL	215	6.0	06-20-1974	--	--	--	1,325
94N64W27DCAD	Yankton Sioux Tribe	211CDLL	170	2.0	--	P	--	--	1,290
94N64W27DDCD	Yankton Sioux Tribe	211DKOT	651	--	1895	U	--	--	1,280
94N64W27DDDD	Episcopal Church	211CDLL	175	4.0	10-10-1966	T	50	10-10-1966	1,280
94N64W28AADA	Archambeau, Percy	211DKOT	629	4.0	07-18-1962	S	--	--	1,395
94N64W28ADB	Archambeau, Percy	211CDLL	185	--	--	H,S	--	--	1,300

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
94N64W28BBAD	Beem, Earl	211CDLL	90	2.0	1954	H,S	--	--	1,250
94N64W35BABC	Yankton Sioux Tribe	211CDLL	170	--	--	P	--	--	1,280
94N64W35BBBD	Yankton Sioux Tribe	211CDLL	170	--	1966	P	--	--	1,265
94N64W36CAAA	BR	112PLSC	20	4.0	10-12-1960	U	6	06- -1962	1,250
94N64W36DCBB	BR	112PLSC	20	4.0	10-12-1960	U	10	10-12-1960	1,244
94N64W36DD	Walters, H.	211CDLL	130	5.0	09-07-1984	H	18	09-07-1984	1,240
94N65W 1CDCC	SDGS	211DKOT	290	--	06-01-1970	U	--	--	1,246
94N65W 2DAAA	USGS	112PLSC	22	1.25	07-08-1968	U	14	07-08-1968	1,245
94N65W12AAAB	BR	112PLSC	15	4.0	10-11-1960	U	9.5	10-20-1960	1,245
94N65W12BABB	BR	112PLSC	19	4.0	10-10-1960	U	11	10-10-1960	1,231
94N65W12DABB	USGS	112PLSC	17.5	1.25	07-03-1968	U	11	07-09-1968	1,243
94N65W13AABA	BR	112PLSC	17	4.0	10-11-1960	U	12	10-19-1960	1,245
95N61W18BCDD	Jurens, Leroy	211CDLL	500	--	1930	S	300	05- -1967	1,580
95N61W19CDB	USGS	112PLSC	37	5.0	05-11-1967	--	--	--	1,503
95N62W 1AAAB	Giedd, H. D.	211CDLL	528	3.0	1953	H,S	224	1953	1,640
95N62W 1BBCB	SDGS	112PLSC	260	--	04-15-1969	U	--	--	1,660
95N62W 1CBCC	Kozel, Eugene	211CDLL	513	3.0	1913	H,S	--	--	1,669
95N62W 2ADAA	Petrik, Joe	211CDLL	506	2.0	1928	H,S	--	--	1,670
95N62W 3ABBA	Sykora, Thomas	112PLSC	290	2.0	1910	S	--	--	1,590
95N62W 3BBCD	Andersh, Laddie	112PLSC	187	3.0	1948	S	--	--	1,550
95N62W 4AAAA	SDGS	112PLSC	380	--	05-09-1969	U	--	--	1,545
95N62W 5BCCC	BR	--	20	--	05-10-1957	U	--	--	1,460
95N62W 6BAAA	Kaberna, Robert	112PLSC	225	4.0	10- -1961	H,S	70	05- -1967	1,460
95N62W 6BAAA2	Kaberna, Robert	112PLSC	135	4.0	1927	S	--	--	1,460
95N62W 6CCBB	McQuire, Donald	112PLSC	110	3.5	1956	H,S	--	--	1,400
95N62W 7BBBA	SDWR	112DELM	65	1.25	08-05-1957	U	5	05-10-1967	1,374
95N62W 7BBBD	Sima, George	112IRMD	100	2.0	1927	S	--	--	1,376
95N62W 7CDCA	Deurmier, Jesse	211CDLL	176	3.0	1954	H,S	60	1956	1,440
95N62W 8ADDD	SDWR	112CHTU	236	1.25	08-01-1960	U	78	05-10-1967	1,447
95N62W 9BCA	Krcil, Joe	112CHTU	189	2.0	1955	H	--	--	1,450

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
95N62W10ACDB	Cihak, Donald	211CDLL	460	4.0	03- -1967	S	--	--	1,575
95N62W11CBCC	Podzimek, Louis	211PIRR	90	2.0	1960	S	8	05-26-1967	1,615
95N62W11DDDD	USGS	112PLSC	107	--	06-02-1967	U	27	06-02-1967	1,635
95N62W11DDDD2	Kocmick, John	211PIRR	92	--	--	S	--	--	1,647
95N62W13ABBB	Koupal, Laddie	211CDLL	520	3.0	1920	S	--	--	1,648
95N62W13CCCD	Kocmick, Robert	211CDLL	500	3.0	1930	S	--	--	1,598
95N62W14ADDD	Koupal, Douglas	112CHTU	300	--	1945	S	--	--	1,634
95N62W16DDC	Raabe, Herb	112CHTU	250	--	1958	S	--	--	1,430
95N62W17ACAA	Krcil, Tom	112CHTU	206	3.0	1959	S	--	--	1,400
95N62W17BBDD	Kuca, Richard	112PLSC	50	--	--	S	--	--	1,410
95N62W17BBDD2	Kuca, Richard	112PLSC	28	--	--	H	--	--	1,410
95N62W17CDAC	Krcil, Joseph Sr.	112CHTU	208	2.0	12-05-1963	S	--	--	1,380
95N62W18BDBB	Hakl, Steve	112PLSC	175	--	1937	S	--	--	1,432
95N62W18CAAC	Hakl, Steve	112CHTU	200	--	--	U	--	--	1,429
95N62W19AAAA	Pekas, Joe	112CHTU	190	--	1930	H	--	--	1,425
95N62W19ABAC	Hakl, Steve	112CHTU	184	2.0	1958	S	46	05-25-1967	1,400
95N62W19DDDD	SDGS	112CHTU	245	--	04-24-1969	U	16	04-24-1969	1,442
95N62W20AAAA	NFO Sales Rg.	112PLSC	145	4.0	06-17-1966	S	--	--	1,377
95N62W20AADD	USGS	112CHTU	122	--	06-05-1967	U	12	06-05-1967	1,374
95N62W20BCAA	Rados, Joe	112CHTU	220	3.0	1950	H,S	54	05- -1967	1,420
95N62W21BBBB	City of Dante	112PLSC	202	3.0	07- -1950	F	8	07- -1950	1,380
95N62W21BC	SDGS	--	21	--	--	U	--	--	1,370
95N62W21DDDD	SDGS	112CHTU	180	--	04-23-1969	U	--	--	1,361
95N62W22DBA	Burma, Earl	112PLSC	240	--	--	U	126	10-23-1968	1,500
95N62W23BABB	Van Asperen, Buster	211CDLL	455	--	12- -1965	S	--	--	1,627
95N62W23BCCD	Raabe, Herbert	112PLSC	250	2.0	1953	H,S	--	--	1,530
95N62W23DDAA	SDGS	112PLSC	140	--	04-17-1969	U	--	--	1,543
95N62W24CDDD	Sternhagen, Donald	211CDLL	500	3.0	1948	H,S	--	--	1,550
95N62W26CAC	Burma, Earl	112PLSC	240	--	--	S	--	--	1,450
95N62W27AADA	Burma, Earl	112PLSC	240	3.0	1928	H,S	114	10-23-1968	1,465

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
95N62W27CDDC	USGS	112PLSC	32	--	07-18-1968	U	18	07-18-1968	1,360
95N62W28ADDD	Kafka, John	112PLSC	214	2.0	1947	S	36	06- -1067	1,405
95N62W28BBBB	Kuca, Rae	112PLSC	208	4.0	1916	H,S	--	--	1,436
95N62W30ABAA	Rados, Joe	112PLSC	220	3.0	1950	H,S	50	1950	1,440
95N62W30CCBB	Cuka, Matt	211CDLL	300	3.0	1945	H,S	63	1945	1,434
95N62W30CCBB2	Cuka, Matt	112PLSC	245	2.0	--	U	--	--	1,434
95N62W30DCDC	Rados, Joe	211DKOT	720	2.0	09-11-1965	S	--	--	1,431
95N62W31CCCC	USGS	112PLSC	122	--	06-06-1967	U	--	--	1,443
95N62W31DCDD	Koupal, L. L.	211CDLL	377	4.0	1963	H,S	150	05- -1967	1,450
95N62W33B	Kuca	112CHTU	170	--	--	U	--	--	1,423
95N62W33BBB	Gramkow, Lavern	112CHTU	180	3.0	--	H,S	--	--	1,431
95N62W33BBBB	SDWR	112CHTU	170	1.25	08-03-1960	U	61	05-10-1967	1,431
95N62W33BBBB2	SDWR	112CHTU	120	--	08-05-1960	U	--	--	1,431
95N62W34CCCC	SDWR	112CHTU	185	--	08-03-1960	U	--	--	1,410
95N62W34CDB	Stefek, Rudolph	112PLSC	25	14.0	1962	H,S	17	10-23-1968	1,400
95N62W34CDDC	USGS	112DELM	44	1.5	06-06-1967	U	15	06-06-1967	1,345
95N62W35BDBC	Cihak, Tom	112CHTU	192	2.0	1951	S	72	1966	1,450
95N62W35DDDD	SDGS	112CHTU	215	--	10-28-1969	U	--	--	1,478
95N62W36BDDC	Sternhagen, Tom	112PLSC	150	3.0	1949	S,H	100	06- -1067	1,490
95N62W36CCBB	Kocmick, Robert	112PLSC	150	--	--	U	--	--	1,680
95N63W 1ABCD	Kabema, Frank	112PLSC	90	2.0	1930	S	--	--	1,410
95N63W 1ABCD2	Kaberna, Frank	112PLSC	84	2.0	1958	H,S	3	05- -1969	1,410
95N63W 1BACC	Duncanson, R. & R.	112PLSC	120	4.0	1966	H,S	4	09- -1966	1,420
95N63W 1BACC2	Duncanson, R. & R.	112PLSC	100	2.0	1920	S	2.5	05-27-1969	1,420
95N63W 2BA	SDGS	112PLSC	23	--	--	U	6.5	12- -1967	1,378
95N63W 2DDBD	Duncanson, Ray	112PLSC	140	2.0	1915	S	--	--	1,408
95N63W 3	Staudenemer, Ed	112CHTU	195	--	1983	H	65	1983	1,422
95N63W 3 (2)	Staudenemer, Ed	112CHTU	192	--	1983	H	65	1983	1,422
95N63W 3AAAD	SDWR	112PLSC	80	--	10-31-1977	U	--	--	1,381
95N63W 4ABDA	City of Wagner	112CHTU	231	10.0	1953	P	70	09- -1953	1,448

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
95N63W 4DABB	City of Wagner	112CHTU	243	12.0	01-17-1970	P	72	01-17-1970	1,442
95N63W 4DBAA	SDGS	112CHTU	305	--	04-28-1969	U	--	--	1,445
95N63W 4DDCC	BR	112TILL	130	--	10-12-1960	U	--	--	1,456
95N63W 5BAAB	Rehwaldt, Mrs. Carl	112CHTU	265	2.0	1953	H	--	--	1,450
95N63W 5DCCC	Uecker, Alvin	112CHTU	265	2.0	1950	H,S	--	--	1,472
95N63W 6AADD	Goldhammer, Mark	112CHTU	265	3.0	1957	H,S	--	--	1,464
95N63W 6DCDD	Hall, Willie	211NBRR	252	2.0	1952	H,S	--	--	1,475
95N63W 7ABAB	Patrick Bros.	112CHTU	256	--	1964	H,S	--	--	1,486
95N63W 7CCCC	BR	112TILL	20	3.0	10-06-1960	U	10	10-18-1960	1,490
95N63W 7DDDD	USGS	112TILL	132	--	07-10-1968	U	9	07-10-1968	1,495
95N63W 8BBCB	Rehwaldt, Donald	112CHTU	267	2.0	1948	H,S	--	--	1,479
95N63W 9DDDC	SDGS	112PLSC	226	--	10-23-1969	U	--	--	1,462
95N63W 10BCBB	Knight, William	112CHTU	265	2.0	1960	H,S	--	--	1,465
95N63W 10DC	Youngbluth, Laverne	112CHTU	240	--	03-17-1973	H	135	03-17-1973	1,455
95N63W 10DCDD	Youngbluth, Walter	112CHTU	250	2.0	1940	H,S	--	--	1,460
95N63W 11AADA	Duncanson Bros.	112PLSC	140	3.0	1956	H,S	--	--	1,425
95N63W 11DAAC	Duncanson Bros.	112PLSC	135	4.0	1965	H,S	15	05- -1969	1,421
95N63W 13AADD	Giedd, Roy	112PLSC	130	--	1962	H,S	54	05- -1967	1,450
95N63W 13CCCC	USGS	112PLSC	122	--	06-05-1967	U	--	--	1,442
95N63W 14DCDC	Slama, Frank	112CHTU	325	4.0	1964	H,S	--	--	1,445
95N63W 15BABB	Youngbluth, Laverle	112PLSC	190	2.0	1942	H,S	--	--	1,466
95N63W 15BBBA	BR	112TILL	20	3.0	10-06-1960	U	11	10-18-1960	1,463
95N63W 15DCC	Wampol, Louis	211DKOT	898	3.0	1927	S	2	09-08-1961	1,494
95N63W 15DCC2	Wampol, Louis	112CHTU	258	--	1958	H	--	--	1,478
95N63W 16DAAA	Krcil, Vit	211CDLL	380	2.0	1950	H,S	--	--	1,480
95N63W 17DDDD	BR	112PLSC	12	--	05-14-1957	U	--	--	1,530
95N63W 18DDDA	Carda, Frank	211CDLL	440	2.5	--	H,S	--	--	1,540
95N63W 19DDDD	SDGS	112PLSC	125	--	05-22-1970	U	--	--	1,560
95N63W 20BCAB	Carda, Frank	112PLSC	150	2.0	1940	U	--	--	1,610
95N63W 20DDAD	Kocer, Fred	211CDLL	493	4.0	10-10-1965	S,H	230	10-10-1965	1,633

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
95N63W21DDAA	Swatek, Henry	211CDLL	450	3.0	1898	H,S	--	--	1,553
95N63W22ABBC	SDGS	112TILL	23	2.0	10-31-1989	--	--	--	1,475
95N63W22BBB	Becvar, David	211CDLL	355	4.0	08-19-1982	H	180	08-19-1982	1,490
95N63W22DCCC	BR	112PLSC	90	--	05-16-1957	U	--	--	1,540
95N63W23CDDC	Slama, Ben	211CDLL	325	3.0	1967	H,S	--	--	1,533
95N63W24AAAA	BR	112PLSC	12	--	05-15-1957	U	--	--	1,443
95N63W25DDDD	Eggers, F.	211DKOT	700	--	--	U	--	--	1,466
95N63W28AAAA	USGS	112TILL	132	--	07-15-1968	U	--	--	1,571
95N63W29AABB	Soukup, Frank	211CDLL	400	--	1952	H,S	--	--	1,609
95N63W30BBBB	Kokesh, Ed	211CDLL	500	2.0	--	H,S	--	--	1,580
95N63W30DDDA	Crisman, Wayne	211CDLL	500	--	--	H,S	--	--	1,545
95N63W31AADC	Wagner, Adolph	211CDLL	450	--	1910	H,S	--	--	1,550
95N63W32DDAA	Soukup, Charles	211CDLL	500	--	1930	H,S	--	--	1,610
95N63W32DDAA2	Soukup, Charles	211CDLL	500	--	1954	S	--	--	1,610
95N63W33DAAB	Kostel, Ed	211CDLL	470	2.5	--	H,S	--	--	1,603
95N63W34BBBB	Kostel, Raymond	211CDLL	473	2.0	1928	H,S	--	--	1,579
95N63W35AAB	Westendorf, Arthur	211CDLL	400	--	--	H,S	--	--	1,577
95N63W36ABAA	Cuka, Francis	211CDLL	350	2.0	1940	H,S	--	--	1,542
95N64W 1ABAA	Broz, Darrell	211CDLL	350	3.0	--	H,S	--	--	1,476
95N64W 1CCBB	BR	112PLSC	138	--	10-12-1960	U	--	--	1,502
95N64W 1DDCD	BR	112TILL	40	--	12-05-1960	U	--	--	1,500
95N64W 2DCDD	Janda, Mrs.	112PLSC	150	2.0	1925	H,S	--	--	1,510
95N64W 3ABBB	Honomichl, George	211CDLL	400	3.0	1916	H,S	--	--	1,530
95N64W 3CCCC	Birger, J.	211CDLL	523	--	--	D	--	--	1,640
95N64W 4BCCC	Bromert, Harrold	211CDLL	600	3.0	1937	H,S	--	--	1,700
95N64W 5AADC	Havranek, James	211CDLL	580	2.0	--	H,S	--	--	1,650
95N64W 8DCDD	Musilek, Tony	211CDLL	600	2.0	--	H	--	--	1,730
95N64W 8DCDD2	Musilek, Tony	112PLSC	60	4.0	--	S	--	--	1,730
95N64W 9CCCC	SDGS	112TILL	118	--	07-08-1969	U	35	05- -1970	1,725
95N64W 10CDDD	Thaler, Charles	211CDLL	505	3.0	--	H,S	--	--	1,682

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
95N64W11AAAA	USCE	211CDLL	362.8	4.0	1952	U	152	02-02-1955	1,504
95N64W11BDD	Kuhlman, Louis	211CDLL	400	2.0	1929	H,S	--	--	1,545
95N64W11CBBB	SDGS	112TILL	149	--	07-16-1969	U	--	--	1,580
95N64W11DADD	Merkwan, Earnest	211CDLL	500	2.0	--	H,S	--	--	1,542
95N64W12	Mundt, Earl	211NBRR	260	--	04-16-1977	U	--	--	1,505
95N64W12ABBB	Mundt, Earl	211NBRR	256	2.5	1917	H,S	--	--	1,499
95N64W12CDDD	Schroeder, Edward	211CDLL	365	2.0	--	H,S	--	--	1,534
95N64W13ADDD	Deurmier, Lester	211CDLL	360	3.0	--	H,S	--	--	1,575
95N64W15CBB	Kuhlman, George	211DKOT	1,250	3.0	1914	--	194	09-07-1961	1,700
95N64W15CBDD	Palensky, J.	400SOUX	1,453	--	07-04-1944	U	--	--	1,701
95N64W17CCCC	Kreeger, Vernell	112PLSC	60	24.0	1937	S	--	--	1,633
95N64W17DDDD	Musilek, Tony	112PLSC	60	24.0	1966	S	--	--	1,674
95N64W19ABAA	Dvorak, Kenneth	112PLSC	30	24.0	--	S	--	--	1,620
95N64W19ABAA2	Dvorak, Kenneth	211CDLL	500	2.0	1952	H	--	--	1,620
95N64W19CBBA	Kreeger, Vernell	211CDLL	600	4.0	1930	H,S	--	--	1,585
95N64W19DA	Dvorak, Richard	112PLSC	55	48.0	08-07-1979	S	24	08-07-1979	1,581
95N64W20BBBB	Kreeger, Vernell	112PLSC	80	24.0	08- -1967	S	--	--	1,633
95N64W20DBBB	Dvorak, William	211CDLL	500	4.0	--	H,S	--	--	1,613
95N64W22BABB	Durham, C. H.	211CDLL	510	2.5	--	H,S	--	--	1,650
95N64W23ABAA	Stiegert, Melvin	211CDLL	475	4.0	07- -1967	H,S	--	--	1,644
95N64W23ABAA2	Stiegert, Melvin	112PLSC	60	24.0	--	S	--	--	1,644
95N64W23DCCC	Martin, Dale	211CDLL	460	4.0	--	H,S	--	--	1,630
95N64W24CCBB	McFarland, Gary	211DKOT	1,000	2.0	1923	H,S	--	--	1,600
95N64W25CBC	Eggers, Fred	211DKOT	835	3.0	1931	U	70	09- -1961	1,507
95N64W26BBBB	SDGS	112TILL	109	--	07-08-1969	U	--	--	1,620
95N64W28CDDD	Kranig, Melvin	211CDLL	500	2.0	--	H,S	--	--	1,528
95N64W29	Yankton Sioux Tribe	211CDLL	372	6.5	04-01-1977	H	--	--	1,546
95N64W29DAAA	SDGS	112PLSC	23.4	2.0	05-23-1989	--	--	--	1,546
95N64W30AABB	Dvorak, Emil	211CDLL	350	2.0	1957	H,S	--	--	1,539
95N64W30AABB2	Dvorak, Emil	211DKOT	925	3.0	1963	S	--	--	1,539

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
95N64W32	Provost, Cecil	211CDLL	335	5.0	11-07-1973	--	252	11-07-1973	1,461
95N64W32DCBC	SDGS	112PLSC	23	2.0	05-23-1989	--	--	--	1,456
95N64W32DD	Marty Mission	211CDLL	297	5.0	11-07-1973	P	218.5	11-07-1983	1,450
95N64W32DDAA	Marty Mission	112PLSC	94	--	07-17-1969	U	--	--	1,450
95N64W34DCCA	Martin, Dale	211DKOT	932	2.5	11-27-1961	S	--	--	1,500
95N64W34DCDD	Cozad, Bert	211CDLL	420	4.0	1965	H,S	--	--	1,499
95N64W36BBBB	USGS	112TILL	102	--	07-10-1968	U	21	07-10-1968	1,571
95N65W 1BC	Antelope	211CDLL	684	6.0	07-14-1974	--	--	--	1,840
95N65W 1CBAA	Fuchs, Charles	112PLSC	70	24.0	1964	H,S	48	08- -1967	1,810
95N65W 3AABB	Hutchinson, G.	112PLSC	140	--	--	H	--	--	1,520
95N65W 4DAAA	USCE	211DKOT	854	8.5	1947	U	+43	11-12-1952	1,489
95N65W 4DDDD	USCE	211CDLL	330	--	--	U	--	--	1,505
95N65W 8ABDD	USCE	211CDLL	118	4.0	1952	U	36	02-19-1953	1,250
95N65W 9AACB	USCE	211CDLL	380	8.0	09-10-1947	U	230	04-25-1952	1,474
95N65W11BD	USCE	112PLSC	34	--	--	U	--	--	1,805
95N65W12BBAA	BR	112PLSC	26	--	05-08-1967	U	--	--	1,404
95N65W14DD	Dvorak, Kenneth	211DKOT	490	3.0	1958	S	--	--	1,650
95N65W25CCBB	BR	112PLSC	10	--	05-23-1957	U	--	--	1,520
95N65W35AD	Indian Affairs	211DKOT	446	5.0	08-19-1944	--	--	--	1,255
95N65W35ADCC	BR	112PLSC	110	--	04-07-1961	U	--	--	1,248
95N65W35ADDD	BIA	211DKOT	739	5.0	1938	S	--	--	1,250
95N65W36CCCC	USGS	112PLSC	82	--	07-08-1968	U	--	--	1,250
96N61W 6CB BB	Jurens, Chester	211CDLL	675	2.5	1930	H,S	--	--	1,821
96N61W18BCBA	Bartunek, Robert	211CDLL	700	2.0	1952	H,S	--	--	1,778
96N62W 3CCAA	Peters, Henry	112PLSC	123	4.0	06-17-1961	H	50	08- -1967	1,647
96N62W 3DAAC	Schwaderer, Richard	112PLSC	110	--	1948	S	--	--	1,645
96N62W 4CADD	Hahn, Lotar	211NBRR	250	2.0	--	S	--	--	1,630
96N62W 5AAAA	SDGS	112PLSC	215	--	10-22-1969	U	--	--	1,569
96N62W 5BBBB	USGS	112TILL	122	--	06-08-1967	U	--	--	1,494
96N62W 6BBBB	SDGS	112PLSC	440	--	10-25-1968	U	--	--	1,476

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
96N62W 6CDAB	--	211DKOT	830	4.0	09-22-1966	H,S	--	--	1,531
96N62W 7AADD	Weber, Ed	211DKOT	805	3.0	07-20-1949	H,S	--	--	1,450
96N62W 7AADD2	Weber, Ed	112PLSC	235	3.0	1955	H,S	--	--	1,497
96N62W 8CCBA	Ehresmann, Henry	112PLSC	200	3.0	1961	S	--	--	1,510
96N62W 8DBCD	Cihak, Robert	112PLSC	264	3.5	06-28-1965	S	150	10- -1966	1,520
96N62W 9BABB	Winkler, Helmuth	211DKOT	560	3.5	05-02-1959	S	--	--	1,550
96N62W 9DCAC	Andersh, Emanuel	112PLSC	200	4.0	--	S	40	01- -1970	1,580
96N62W10DCDD	Uecker, Melvin	112PLSC	140	4.0	1919	S	--	--	1,662
96N62W11DCDD	Powers, Claude	211CDLL	640	2.0	--	H,S	378	06- -1969	1,750
96N62W12CBAA	Kapfensten, Ed	112PLSC	280	2.0	1900	S	--	--	1,780
96N62W12CBAA2	Kapfensten, Ed	112PLSC	24	48.0	--	H,S	7	06- -1969	1,780
96N62W12DDBB	Ehresmann, Reinhold	211NBRR	350	--	--	S	--	--	1,820
96N62W13ADBA	Bartunek, Lloyd	112PLSC	42	2.0	1951	S	--	--	1,790
96N62W15BAAA	Nelson, Kenneth	112PLSC	128	--	1914	H,S	--	--	1,650
96N62W15DDAA	Thaler, Frank	211CDLL	580	2.0	1962	H,S	--	--	1,695
96N62W16AAA	SDGS	112PLSC	265	--	05-08-1969	U	--	--	1,606
96N62W17AAAB	Link, Robert	112PLSC	200	2.0	1950	H,S	--	--	1,540
96N62W17BCBB	Meretes, John	112PLSC	288	4.0	09-09-1966	H	--	--	1,515
96N62W18AAAA	SDGS	112PLSC	465	--	06-03-1970	U	--	--	1,515
96N62W18AAC	Weber, Edward Jr.	112CHTU	300	--	--	I	--	--	1,500
96N62W18CBC	Peters, Wilbert	112PLSC	255	4.0	1968	S	--	--	1,480
96N62W19BCB	Peters, Herman	112PLSC	242	3.0	1956	H,S	--	--	1,479
96N62W19BCB2	Peters, Herman	112PLSC	260	4.0	1967	H,S	--	--	1,479
96N62W19CCCC	SDGS	112PLSC	18	2.0	10-31-1989	--	--	--	1,474
96N62W19DDAA	Honomichl, Joe	112PLSC	280	3.0	08- -1966	S	--	--	--
96N62W20AAAB	Cihak, Larry	112PLSC	40	24.0	--	H,S	--	--	1,530
96N62W20CCCB	Soukup, John	112PLSC	265	2.0	1926	U	100	11- -1967	1,504
96N62W20CCCB2	Soukup, John	112PLSC	285	--	1964	H,S	--	--	1,504
96N62W21AACD	Uherka, William	112IRMD	115	2.0	1948	S	--	--	1,560
96N62W21CBDD	Uherka, Joe	112PLSC	92	3.0	1960	S	--	--	1,533

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
96N62W21CBDD2	Uherka, Joe	112PLSC	310	3.0	1964	S	--	--	1,533
96N62W21DDDD	USGS	112PLSC	123	--	06-02-1967	U	23	06-02-1967	1,579
96N62W21DDDD2	Sip, John	112PLSC	80	3.0	1925	U	--	--	1,579
96N62W22CCDB	Homolka, Franklin	211CDLL	470	3.0	1960	H,S	370	1960	1,600
96N62W23CCC	Holec, Vaclav	211CDLL	590	4.0	--	S	--	--	1,698
96N62W23DACD	Holec, Edward	211CDLL	622	4.0	07-29-1963	H,S	--	--	1,740
96N62W24BBB	Kulhavy, Frank	211CDLL	595	2.0	1910	H,S	--	--	1,749
96N62W24BBBB	SDGS	112PLSC	210	--	05-09-1969	U	--	--	1,741
96N62W26CCDB	Sip, Vernon	112PLSC	60	--	1900	S	--	--	1,660
96N62W27DCDC	Sip, Vernon	211CDLL	450	--	--	S	--	--	1,650
96N62W28CBC	Honomichl, Jerry	112PLSC	30	24.0	--	S	--	--	1,520
96N62W28DDB	Homolka, Leonard	112PLSC	215	--	04-01-1959	S	--	--	1,548
96N62W30DAD	Podzimek, J.	211DKOT	915	--	03- -1950	S	18	11- -1967	1,485
96N62W30DDDC	SDGS	112PLSC	455	--	10-30-1968	U	--	--	1,485
96N62W31DCDD	Kaberna, Rose Mary	112PLSC	225	2.0	1940	H,S	70	05- -1967	1,465
96N62W32A	Meyers, Jim	211CDLL	320	--	04-23-1982	U	--	--	1,510
96N62W32AB	Meyers, Jim	211CDLL	320	--	04-29-1982	U	--	--	1,500
96N62W32AC	Meyers, Jim	211CDLL	360	--	05-04-1982	U	--	--	1,503
96N62W32ACC	Meyers, Jim	211CDLL	300	--	04-26-1982	U	--	--	1,500
96N62W32CACC	Thaler, Norman	112PLSC	188	2.0	1945	U	--	--	1,490
96N62W32CACCC2	Thaler, Norman	112PLSC	186	2.0	1968	S	--	--	1,490
96N62W32DB	Meyers, Jim	211CDLL	320	--	04-30-1982	U	--	--	1,501
96N62W33BDAB	Krsnak, Ray	211CDLL	360	--	1950	H,S	--	--	1,530
96N62W33CCAC	Homolka, Eugene	112PLSC	225	2.0	--	S	120	11- -1967	1,519
96N62W34BACD	Dostal, John	211CDLL	450	2.0	1940	H,S	--	--	1,590
96N62W34CDAC	Andersh, Adolph	211CDLL	420	3.0	1950	S	--	--	1,583
96N62W34DDDD	USGS	112TILL	122	--	07-16-1968	U	--	--	1,629
96N63W 2ADAA	Wiechmann, Arthur	112PLSC	180	2.0	1930	H,S	--	--	1,450
96N63W 2CBBB	Fitzgerald, Francis	112PLSC	168	2.0	1952	H,S	--	--	1,430
96N63W 2CDCC	Barkley, Lionel	112PLSC	192	2.0	1919	H,S	--	--	1,440

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
96N63W 2DADD	Kaberna, Wesley	112PLSC	196	4.0	1958	H,S	--	--	1,449
96N63W 3ACAA	Ahrens, Charles	112IRMD	156	18.0	05- -1957	I	25	11-08-1957	1,415
96N63W 3BBAA	Stone, Alonzo	112PLSC	200	2.0	1946	U	--	--	1,399
96N63W 3BBAA2	Stone, Alonzo	112PLSC	160	3.0	1962	H,S	--	--	1,399
96N63W 3CACC	Ahrens, Glenn	211DKOT	620	--	12-21-1962	S	--	--	1,411
96N63W 3D	Holzbauer, Leo	112CHTU	211	--	04-28-1979	I	43	04-28-1979	1,415
96N63W 3DCDA	Holzbauer Bros	112CHTU	180	--	--	U	--	--	1,420
96N63W 3DDDC	Ahrens, Charles	211DKOT	614	3.0	1946	S	--	--	1,429
96N63W 3DDDC2	Ahrens, Glenn	112PLSC	170	6.5	1957	H,S	40	08- -1967	1,429
96N63W 4AAAA	SDGS	112TILL	34	--	08-04-1969	U	9	1970	1,396
96N63W 4BAAB	SDGS	112TILL	59	--	08-05-1969	U	8	08-05-1969	1,391
96N63W 4BABA	SDGS	112TILL	42	--	08-05-1969	U	10	08-05-1969	1,387
96N63W 4BB	SDGS	112PLSC	25	--	1960	U	8	1960	1,390
96N63W 5CCBB	Petrik, Donald	112PLSC	182	4.0	09- -1965	H,S	--	--	1,425
96N63W 5CDAA	BR	112PLSC	61	--	08-21-1967	U	13	08-22-1967	1,408
96N63W 6D	Soulek, Carl	112CHTU	191	--	--	U	--	--	1,427
96N63W 6DDCC	SDGS	112IRMD	221	2.0	05-29-1968	U	49	02-13-1969	1,431
96N63W 7ABAB	BR	112TILL	50	--	10-12-1960	U	--	--	1,432
96N63W 7BBBD	Petrik, Donald	112PLSC	144	2.0	1958	U	--	--	1,455
96N63W 7CADA	Ramsdell, John	112PLSC	20	24.0	06-23-1965	S	--	--	1,455
96N63W 7CBBB	Stastny, John	112PLSC	210	4.0	08-16-1966	H,S	--	--	1,463
96N63W 8	Slaba Bros.	112PLSC	248	16.0	--	--	--	--	1,415
96N63W 8AAC	Slaba, Wilbur	112IRMD	80	16.0	--	I	18	07-25-1984	1,391
96N63W 8BDBB	Slaba, Wilbur	112CHTU	240	--	--	U	--	--	1,425
96N63W 8CDA	Slaba, Eugene	211DKOT	672	4.0	1959	S	+32.90	09-14-1960	1,423
96N63W 9DAAA	SDWR	112IRMD	165	1.25	10-28-1958	U	32	10-12-1966	1,419
96N63W 9DDDD	Jespersen, H.	211DKOT	680	4.0	1926	S	--	--	1,422
96N63W 9DDDD2	Jespersen, H.	112CHTU	200	2.0	1957	H,S	--	--	1,422
96N63W 10BBBB	Stone, Blair	112PLSC	65	18.0	1948	H,S	--	--	1,401
96N63W 10D	Vesper, Maynard	112CHTU	240	16.0	07-02-1979	I	68.30	07-31-1979	1,440

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
96N63W10ddb	Vesper, Maynard	112CHTU	200	--	--	U	--	--	1,438
96N63W11ADAA	Kisely, Joe	112CHTU	240	3.0	09- -1956	H	--	--	1,450
96N63W11CCDC	Novak, Edward	112PLSC	180	4.0	1963	H,S	--	--	1,433
96N63W12DDCC	Anderson, George	112CHTU	240	2.0	05-05-1966	S,H	--	--	1,440
96N63W14ABAC	Homer, Clifford	112CHTU	191	2.0	1957	H,S	--	--	1,435
96N63W14ABAC2	Homer, Clifford	112CHTU	192	2.0	1960	H,S	--	--	1,435
96N63W14BBBB	SDWR	112CHTU	210	2.0	06-08-1972	--	--	--	1,435
96N63W14BBBB2	SDGS	112PLSC	380	--	05-13-1969	U	--	--	1,435
96N63W14CBBB	Leibel, Lawrence	112PLSC	173	2.0	1957	H,S	--	--	1,419
96N63W15ABAC	Holzbauer, Lawrence	112PLSC	185	2.0	1962	S	--	--	1,436
96N63W15BBBB	Stock, Walter	112IRMD	155	2.0	1955	H,S	--	--	1,422
96N63W15CCAA	Holzbauer, Lawrence	112IRMD	172	18.0	09- -1957	I	32	08-24-1967	1,405
96N63W15CCDD	SDGS	112PLSC	15.5	2.0	10-31-1989	--	--	--	1,413
96N63W16ADDD	Chernotik, Jerry	112CHTU	178	3.0	1963	H,S	--	--	1,409
96N63W16CCCC	SDWR	112CHTU	200	1.25	08-18-1960	U	11	06-27-1967	1,400
96N63W16CD	Uecker, John	112CHTU	181	5.0	09-22-1981	H	80	09-22-1981	1,400
96N63W16CDDC	Justice, Mrs. C.	112PLSC	141	2.0	1954	H	--	--	1,401
96N63W16D	Orr & Soulek, J. & C.	112CHTU	190	3.0	05-22-1979	U	--	--	1,400
96N63W16DDB	Orr, John	112CHTU	255	--	--	U	--	--	1,405
96N63W17AC	SDGS	112PLSC	23	--	1960	U	--	--	1,382
96N63W17BA	SDGS	112TILL	12	--	1960	U	--	--	1,381
96N63W17BBD	Uecker, John	112PLSC	65	--	--	U	--	--	1,425
96N63W17BDCC	Uecker, Bryan	112PLSC	170	2.0	1960	S	--	--	1,375
96N63W17CDDDD	SDGS	112PLSC	34	--	07-31-1969	U	--	--	1,387
96N63W17D	Uecker, John	112CHTU	155	--	--	U	--	--	1,395
96N63W17DDA	Uecker, John	112CHTU	155	--	--	U	--	--	1,397
96N63W17DDAD	SDGS	112PLSC	18	2.0	10-31-1989	--	--	--	1,403
96N63W18CCAB	Crisman, Roy	112CHTU	180	2.0	1963	S	--	--	1,450
96N63W18DBDB	Uecker, Bryan	112CHTU	170	4.0	1965	H,S	--	--	1,415
96N63W19ABCC	Slaba, Wilbur	112CHTU	220	--	--	I	--	--	1,447

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
96N63W19BCCC	Kuhlman, W.	211DKOT	720	4.0	--	U	--	--	1,467
96N63W19BCCC2	Kuhlman, W.	211CDLL	350	3.0	1920	S	--	--	1,467
96N63W19DAAD	Honomichl, Joe	112PLSC	108	1.5	1940	S	--	--	1,442
96N63W19DCDD	SDGS	112PLSC	18	2.0	10-30-1989	--	--	--	1,454
96N63W19DDCC	BR	112TILL	20	3.0	10-06-1960	U	11	10-06-1960	1,453
96N63W20AAAB	SDWR	112CHTU	183	2.0	04-18-1980	U	--	--	1,400
96N63W20BABBB	Crowley, Marten	112CHTU	160	4.0	1966	H,S	--	--	1,400
96N63W20CCCC	Cihak, Frank	112CHTU	200	2.0	--	H,S	--	--	1,442
96N63W20DDDB	Uecker, Francis	112PLSC	147	2.0	1925	U	8	09-12-1967	1,401
96N63W20DDDD	Uecker, Francis	112PLSC	145	2.0	1959	H,S	--	--	1,414
96N63W21BBDD	Stillion, Marlo	112PLSC	132	2.0	07-10-1963	S	--	--	1,400
96N63W21CCCC	SDWR	112IRMD	62.8	2.0	05-17-1978	--	--	--	1,417
96N63W21CCCD	SDWR	112PLSC	178	1.25	10-29-1958	U	31	10-12-1966	1,416
96N63W21CDCD	SDGS	112PLSC	19	--	07-31-1969	U	--	--	1,395
96N63W21CDDD	Stillion, Marlo	112PLSC	130	2.0	1954	H,S	--	--	1,395
96N63W22ADCC	Novak, Edward	112PLSC	161	2.0	1944	S	--	--	1,426
96N63W22B	Holzbauer Bros.	112PLSC	240	16.0	05-02-1979	I	41	05-05-1979	1,415
96N63W22BBBB	Holzbauer, Lawrence	112IRMD	176	7.0	1958	H,S	26	08-24-1964	1,406
96N63W22BBDD	Holzbauer Bros.	112CHTU	200	--	--	U	--	--	1,410
96N63W22CCA	Holzbauer Bros.	112CHTU	200	--	--	U	--	--	1,415
96N63W22CCAA	Holzbauer, Lawrence	112PLSC	158	2.5	1965	S	--	--	1,414
96N63W23DADA	Haeuszer, Vernon	112CHTU	230	2.0	1959	H,S	--	--	1,460
96N63W24BBBC	SDWR	112CHTU	231	2.0	06-09-1972	--	--	--	1,459
96N63W24CDCC	Soukup, James	112CHTU	205	3.0	1905	H,S	--	--	1,450
96N63W25AAAA	SDGS	112PLSC	430	--	06-02-1970	U	--	--	1,482
96N63W25ABAA	Uherka, Clarence	112PLSC	200	2.0	1956	S	--	--	1,461
96N63W25BABBB	Honomichl, Frank	112PLSC	198	2.0	1905	U	--	--	1,452
96N63W25BABBB2	Honomichl, Frank	112PLSC	225	2.0	1959	H,S	--	--	1,452
96N63W26AAAA	USGS	112TILL	102	--	06-01-1967	U	27	06- -1967	1,450
96N63W26ADAB	Vogel, Roland	112PLSC	217	2.0	02- -1962	H,S	--	--	1,445

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
96N63W26C	Uecker, John	112CHTU	175	--	--	U	--	--	1,439
96N63W26D	Uecker	112CHTU	191	--	--	U	--	--	1,446
96N63W26DDDD	SDWR	112CHTU	188	2.0	05-28-1968	U	64	01-15-1969	1,447
96N63W27ABAB	Holzbaumer, Joseph	112CHTU	165	2.0	1957	H,S	--	--	1,430
96N63W27BAAA	Lyons, Robert	112CHTU	150	2.0	1936	U	--	--	1,418
96N63W27BAAA2	Lyons, Robert	112CHTU	148	4.0	1962	H,S	--	--	1,418
96N63W27BAAA3	USGS	112PLSC	102	--	05-29-1967	U	7.3	12-21-1967	1,418
96N63W28BCBB	Kaberna, Vincent	112PLSC	110	2.0	1959	H	7	09-12-1967	1,397
96N63W29BAAA	SDGS	112PLSC	74	--	07-31-1969	U	--	--	1,385
96N63W29DADD	Kaberna, Vincent	112PLSC	112	3.5	1967	S	--	--	1,400
96N63W29DDDD	Kaberna, Vincent	112CHTU	150	2.0	1942	H	--	--	1,426
96N63W30ADDA	Kaberna, Douglas	112CHTU	190	2.5	1965	H,S	--	--	1,455
96N63W30BAAA	USGS	112PLSC	123	--	05-29-1967	U	15	05-29-1967	1,459
96N63W30BCCC	Buus, Peter	112CHTU	255	2.0	1934	S	--	--	1,474
96N63W30BCCCC2	Buus, Peter	112CHTU	228	2.0	1959	H,S	--	--	1,479
96N63W30DABD	Podzimek, John	211DKOT	930	3.0	1953	S,H	--	--	1,456
96N63W31AADA	BR	112TILL	20	3.0	10-06-1960	U	8	10-06-1960	1,455
96N63W31CBBB	Sell, Mary	112CHTU	200	--	--	H,S	--	--	1,475
96N63W31CCCC	SDGS	112CHTU	242	--	04-29-1969	U	--	--	1,475
96N63W31DDDD	Kaney, Henry	112CHTU	200	2.0	1947	S,H	180	06-13-1956	1,465
96N63W32ADAD	Doty, Charles	112PLSC	30	14.0	1945	S	7	1967	1,430
96N63W32CCDD	Haeuszer, Alex	112CHTU	230	2.0	1956	H,S	--	--	1,461
96N63W32DADA	Doty, Charles	112CHTU	180	2.0	1938	H,S	70	1967	1,454
96N63W32DC	Rehwaldt	112CHTU	200	5.0	08-11-1982	H	--	--	1,450
96N63W32DCC	Rehwaldt, Kendall	112CHTU	200	--	08-11-1982	H	--	--	1,450
96N63W32DDCC	Rehwaldt, Ken	112PLSC	120	2.0	1936	S,H	100	06-13-1956	1,450
96N63W33AAAA	USGS	112PLSC	123	--	05-29-1967	U	7	05-29-1967	1,385
96N63W33CACB	Chotak, Rudolph	112PLSC	50	18.0	1947	S	20	09- -1967	1,425
96N63W33CBDA	Chotak, Rudolph	112CHTU	220	2.0	1958	H,S	--	--	1,440
96N63W33CCBA	City of Wagner	211DKOT	850	6.0	--	U	--	--	1,440

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
96N63W33CCBA2	City of Wagner	211DKOT	870	4.0	05- -1959	R	--	--	1,440
96N63W33CCBB	City of Wagner	211DKOT	850	4.0	1933	P	--	--	1,945
96N63W33DCAB	City of Wagner	112PLSC	250	--	10-14-1969	U	--	--	1,435
96N63W34BCCC	Peterson, Kenneth	112PLSC	150	2.0	1962	H,S	--	--	1,400
96N63W34DCDD	City of Wagner	112CHTU	158	10.0	1948	P	--	--	1,399
96N63W35BBAC	Dahlberg, Charles	112CHTU	214	2.0	1957	H,S	--	--	1,427
96N63W35BBBCB	Dahlberg, Charles	112IRMD	120	2.0	1920	U	8	09- -1967	1,403
96N63W35BCCC	Meyer, Dale	112CHTU	220	--	--	U	--	--	1,383
96N63W35CCCB	SDWR	112CHTU	178	1.25	10-31-1958	U	20	10-12-1966	1,398
96N63W35CDAA	Novak, Edward	112CHTU	180	2.0	1965	S	--	--	1,410
96N63W35D	Meyer, Dale	112CHTU	240	--	05-21-1979	--	--	--	1,425
96N63W35DDDB	Soukup, Beatrice	112IRMD	200	2.0	1963	H,S	--	--	1,421
96N63W36CDCA	Schroeder, Wayne	112PLSC	280	2.0	1945	H,S	--	--	1,415
96N64W 1AAAA	SDWR	112IRMD	152	1.25	10-28-1958	U	4	10-12-1966	1,439
96N64W 1BBAA	SDGS	112PLSC	18	2.0	11-02-1989	--	--	--	1,473
96N64W 1BBBB	Giziewski, Paul	112PLSC	210	2.0	--	H,S	--	--	1,479
96N64W 1BCCC	SDWR	112IRMD	155	2.0	10-31-1977	U	--	--	1,487
96N64W 1CDCC	Nesgaard, Martin	112PLSC	189	2.0	--	H,S	87	09- -1967	1,478
96N64W 2ABBB	Cuka, Ed	112PLSC	215	3.0	1947	H,S	95	1956	1,480
96N64W 2ACCC	Nesgaard, Martin	112PLSC	225	2.0	1961	S	--	--	1,485
96N64W 3AAAA	BR	112TILL	20	3.0	10-05-1960	U	7	10-14-1960	1,486
96N64W 3AABB	SDGS	112TILL	18	2.0	11-02-1989	--	--	--	1,484
96N64W 3BBBC	BR	112TILL	60	--	10-12-1960	U	--	--	1,470
96N64W 3BDDD	Scott, R.	112PLSC	183	2.0	--	S	--	--	1,488
96N64W 3CBCB	Morrow, Dan	112PLSC	144	2.0	--	H,S	--	--	1,476
96N64W 4CCCC	Schnabel, Walter	112PLSC	186	2.0	--	H,S	--	--	1,460
96N64W 5ABBB	USFWS	211CDLL	315	2.5	1950	R	--	--	1,459
96N64W 5ABBB2	SDGS	112PLSC	250	--	07- -1965	U	--	--	1,458
96N64W 5DABA	SDGFP	211DKOT	982	8.0	12-17-1947	U	--	--	1,445
96N64W 5DABA2	USFWS	211DKOT	980	6.0	1934	U	3	06-06-1956	1,453

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
96N64W 6AACA	Ducks Unlimited	211DKOT	960	12.0	03-18-1986	S	--	--	1,640
96N64W 6AACA2	--	211DKOT	780	8.0	03-12-1986	U	--	--	1,630
96N64W 6ACDA	USFWS	211DKOT	732	12.0	09-03-1957	R	--	--	1,445
96N64W 6ADBC	Lake Andes Natl. Refuge	211DKOT	800	--	12-08-1978	--	--	--	1,445
96N64W 6CCAA	USFWS	211DKOT	802	8.0	1897	U	--	--	1,451
96N64W 6CCAD	Miller, H. D.	211CDLL	361	2.0	1947	H	--	--	1,449
96N64W 6D	Forester, John	112CHTU	204	--	--	U	--	--	1,448
96N64W 7AAAA	Weaver, Burton	211CDLL	370	3.0	08- -1957	H	--	--	1,461
96N64W 7ABCD	USFWS	211DKOT	964	8.0	12-21-1947	U	--	--	1,450
96N64W 7ABCD2	USFWS	211DKOT	950	6.0	1926	U	--	--	1,450
96N64W 8AABB	SDGS	112PLSC	99	--	1965	U	--	--	1,460
96N64W 8CB BB	Dvorak, Louis	112CHTU	283	2.0	1936	S	--	--	1,483
96N64W 8CDCC	BR	112TILL	20	3.0	10-06-1960	U	10	10-06-1960	1,503
96N64W 8CDDD	Reinschmidt, Doyle	112PLSC	230	4.0	08- -1964	H,S	97	1966	1,500
96N64W 8DCCC	SDGS	112PLSC	260	--	07- -1965	U	--	--	1,498
96N64W 9DCCC	Barkley, Harvey	112PLSC	234	2.0	1958	H,S	--	--	1,484
96N64W10C	Thomson, Ted	112PLSC	200	--	--	H,S	--	--	1,485
96N64W10CCDD	Barkley, Earl	112PLSC	215	2.0	--	H,S	--	--	1,483
96N64W12AADA	Laska, Joe	112PLSC	235	2.5	1965	H,S	--	--	1,460
96N64W12ACCA	Weber, Dean	112CHTU	290	2.0	--	U	--	--	1,470
96N64W12BAAA	Kirkpatrick, Mrs. W.	112IRMD	189	2.0	--	H,S	--	--	1,473
96N64W12BCCC	BR	112TILL	20	3.0	10-06-1960	U	11	03-14-1961	1,472
96N64W12CB BB	SDWR	112CHTU	233	2.0	05-29-1968	U	91	02-13-1969	1,472
96N64W12CDC	Beem, Earl	112CHTU	200	2.0	1920	H,S	--	--	1,459
96N64W12DDDD	Stastny, Joe Sr.	112CHTU	208	2.0	--	H	--	--	1,460
96N64W13BBCC	Buus, Cris	112PLSC	250	2.0	--	S	--	--	1,567
96N64W14BCCB	SDGS	112PLSC	320	--	05-15-1969	U	--	--	1,480
96N64W14CCCC	BR	112TILL	20	3.0	1960	U	7	03-14-1961	1,481
96N64W14CDCC	Drbohlav, John	211CDLL	355	2.5	1962	H,S	--	--	1,483
96N64W14CDCC2	Drbohlav, John	112CHTU	225	2.0	1937	U	--	--	1,483

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
96N64W14DDCC	Morrow, Thomas	112CHTU	220	2.0	1956	H,S	--	--	1,475
96N64W15BABB	Barkley, Earl	112CHTU	215	2.0	1954	S	--	--	1,468
96N64W15CB BB	Barkley, Harvey	112CHTU	180	2.0	1958	U	--	--	1,487
96N64W15CD	SDGFP	112CHTU	205	--	1954	S	14	1967	1,481
96N64W16AABD	Barkley, Harvey	112CHTU	240	2.0	07-03-1965	S	--	--	1,482
96N64W16AACB	Clemens, E.	112CHTU	185	2.0	1955	S	--	--	1,484
96N64W17AAAD	City of Ravinia	211CDLL	350	6.0	1923	P	128	1967	1,498
96N64W18ADAB	Morrow, A. C.	112CHTU	200	2.0	--	H,S	--	--	1,500
96N64W18BB BB	SDGS	112TILL	170	--	07- -1965	U	--	--	1,502
96N64W19AAAA	Soulek, Thomas	112CHTU	248	2.0	1949	H,S	--	--	1,509
96N64W19AAA A2	Soulek, Thomas	211CDLL	375	--	1914	S	--	--	1,509
96N64W19AABA	SDGS	112PLSC	260	--	07- -1965	U	--	--	1,518
96N64W19BBAA	Honomichl, Rudolph	211CDLL	450	2.0	1946	H,S	--	--	1,570
96N64W19DDDC	SDGS	112TILL	185	--	07- -1965	U	--	--	1,552
96N64W20AAAA	Clemens, Ed	112CHTU	242	4.0	1962	H,S	--	--	1,508
96N64W20C	Soukup, Fred	112CHTU	280	--	03-29-1981	U	--	--	1,530
96N64W20C2	Soukup, Fred	112CHTU	240	--	03-29-1981	U	--	--	1,530
96N64W20DBBC	Clemens, Ed	211CDLL	380	2.5	06-10-1966	S	248	06-10-1966	1,520
96N64W21CCCC	SDGS	112TILL	300	--	07- -1965	U	--	--	1,535
96N64W24ADAA	Deurmier, Walter	211CDLL	350	3.0	--	H,S	--	--	1,460
96N64W24CBCB	Lebedo, J. & G.	112CHTU	214	2.0	1943	H,S	--	--	1,475
96N64W25AAAD	SDGS	112CHTU	155	--	04-30-1969	U	--	--	1,472
96N64W25AADD	Crisman, Roland	112CHTU	220	3.0	1947	H,S	--	--	1,474
96N64W25BB BB	Crisman, Roland	112CHTU	220	2.0	--	S	--	--	1,473
96N64W26BAA	USGS	112TILL	122	--	06-15-1967	U	--	--	1,478
96N64W26CCBB	Clemens, John	211CDLL	400	2.0	--	H,S	--	--	1,490
96N64W26DAAA	Hansen, Whittier	211CDLL	300	2.0	--	H,S	--	--	1,486
96N64W28CDDD	Sorenson, Harvey	211CDLL	360	2.0	1958	S	--	--	1,541
96N64W29ABBB	Mitchell, James	211CDLL	380	3.0	--	H,S	--	--	1,536
96N64W29DDDD	Sorensen, Harvey	211CDLL	400	2.0	--	H,S	--	--	1,561

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
96N64W30AAAA	Olsen, Walter	211CDLL	428	2.0	1928	H,S	--	--	1,550
96N64W30DAAA	SDGS	112PLSC	140	--	1965	U	--	--	1,585
96N64W31ABAA	Carda, Louis	211CDLL	550	2.0	--	H,S	--	--	1,660
96N64W31BBBC	SDGS	112TILL	67	--	1965	U	--	--	1,672
96N64W31CDCB	USAF	211CDLL	691	--	05-13-1961	H	--	--	1,850
96N64W32AAAA	Uecker, Richard	211CDLL	500	2.0	--	H,S	--	--	1,561
96N64W33DCCD	Juran, Edward	211CDLL	500	2.0	1918	H,S	--	--	1,580
96N64W33DDDD	USGS	112TILL	132	--	07-11-1968	U	--	--	1,550
96N64W34CBBC	Bergen, Stanley	211NBRR	200	2.0	1936	H,S	--	--	1,538
96N64W34DDCC	Havranek, Emanuel	211CDLL	400	2.0	--	H,S	--	--	1,512
96N64W35BBBB	Dugan, T. A.	112PLSC	198	--	1906	U	54	1956	1,500
96N64W35BBBBB2	Davies, George	112PLSC	240	--	--	U	--	--	1,500
96N64W35BBBBB3	Davies, George	112PLSC	284	4.0	1960	H,S	--	--	1,500
96N64W35BCCC	Carda, James	211CDLL	350	2.0	--	H,S	--	--	1,503
96N64W35CCDD	SDGS	112PLSC	290	--	04-30-1969	U	--	--	1,502
96N64W35CDCC	SDGS	112PLSC	18	2.0	10-30-1989	--	--	--	1,502
96N64W35DDDD	Bromert, Bernard	211CDLL	285	2.0	1904	H,S	--	--	1,495
96N65W 1ABBD	Krell, Ted	112CHTU	185	18.0	1964	I	--	--	1,460
96N65W 1ABCB	Krell, Ted	112CHTU	176	18.0	1964	I	69	06-20-1967	1,455
96N65W 1BBBB	Carda, W.	112CHTU	175	--	--	S	--	--	1,465
96N65W 1CDDD	SDGS	112TILL	140	--	1965	U	--	--	1,450
96N65W 3AABB	Hutchinson, G.	112CHTU	140	--	--	H	--	--	1,461
96N65W 3B	Moneke, Mrs. E.	211CDLL	362	2.0	04- -1951	H	--	--	1,450
96N65W 4AAAA	Swanson, Byrl	211CDLL	340	3.0	--	H,S	--	--	1,476
96N65W 4AADD	SDGS	112TILL	110	--	1965	U	--	--	1,460
96N65W 4ACCB	Novak, Joe	112PLSC	32	24.0	1967	S	--	--	1,468
96N65W 4ACCC	Novak, Joe	211CDLL	365	2.0	1920	H,S	--	--	1,467
96N65W 4ADDD	Novak, Joe	211CDLL	365	3.0	1920	S	--	--	1,470
96N65W 4BCCB	SDGS	112PLSC	210	--	1965	U	--	--	1,465
96N65W 4CCAD	City of Lake Andes	112CHTU	203	12.0	05-21-1968	P	--	--	1,480

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
96N65W 4CCCB	City of Lake Andes	211CDLL	365	8.0	1938	P	300	1945	1,480
96N65W 4CDCA	City of Lake Andes	112CHTU	200	10.0	1949	P	--	--	1,466
96N65W 4CDCB	City of Lake Andes	211CDLL	365	8.0	1938	U	--	--	1,471
96N65W 4CDCD	City of Lake Andes	211CDLL	380	10.0	1947	P	--	--	1,465
96N65W 4CDDD	City of Lake Andes	211DKOT	800	--	1935	U	--	--	1,470
96N65W 4DDDB	SDGS	112CHTU	185	--	07- -1965	U	--	--	1,450
96N65W 5AAAB	SDGS	112PLSC	139	--	1965	U	19	1965	1,460
96N65W 5ADDD	Pavel, R.	211CDLL	350	--	--	D	--	--	1,469
96N65W 5CDCD	SDGS	112PLSC	95	--	07- -1965	U	--	--	1,475
96N65W 5DADD	SDWR	112CHTU	151	2.0	05-28-1968	U	100	01-15-1969	1,485
96N65W 5DCC	Krohaugger, Ray	112CHTU	164	2.0	04-25-1927	S,H	55	1966	1,466
96N65W 6B	Langeland, K.	211CDLL	410	2.0	08- -1950	--	--	--	1,600
96N65W 6BACC	McBride, Kenneth	112PLSC	240	2.5	--	S	--	--	1,570
96N65W 7AADD	Svatos, Albert	211CDLL	340	2.0	--	H,S	--	--	1,510
96N65W 7AADD2	Svatos, A.	211CDLL	357	--	--	H	--	--	1,525
96N65W 8A	Svatos, Dan	112CHTU	96	--	04-20-1981	--	--	--	1,460
96N65W 8A2	Svatos, Dan	112CHTU	110	4.0	04-08-1981	I	--	--	1,460
96N65W 8AAAA	SDWR	112PLSC	93	--	06-17-1969	U	--	--	1,475
96N65W 8AAAA2	SDWR	112PLSC	100	--	06-20-1969	U	--	--	1,471
96N65W 8AAAC	Svatos, Dan	112CHTU	140	--	--	U	--	--	1,474
96N65W 8AABB	Svatos, Dan	112CHTU	96	--	--	U	--	--	1,460
96N65W 8AABD	Svatos, Dale	112PLSC	132	18.0	09-07-1967	I	59	09-08-1967	1,460
96N65W 8ABBB	Svatos, Dale	112PLSC	106	7.0	07- -1967	H,S	72	08-17-1967	1,466
96N65W 8ABBB2	Svatos, Dale	112PLSC	150	2.0	1919	S	--	--	1,466
96N65W 8BACC	SDGS	112PLSC	28	2.0	11-06-1989	--	--	--	1,478
96N65W 8CCDD	USGS	112PLSC	66	--	07-14-1967	U	--	--	1,460
96N65W 8CDDD	USGS	112TILL	63	--	07-13-1967	U	15	07-13-1967	1,444
96N65W 8DADA	SDGS	112TILL	66	--	1965	U	--	--	1,468
96N65W 8DCBD	Herrold, D.	112PLSC	140	1.25	05-14-1968	U	56	05-14-1968	1,454
96N65W 8DCDC	SDGS	112PLSC	80	--	1965	U	--	--	1,453

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
96N65W 8DCDD	Herrold, Dwight	112PLSC	100	--	05-13-1968	U	--	--	1,452
96N65W 9	--	211DKOT	775.5	10.0	1896	Z	615	1896	1,480
96N65W 9 (2)	--	211DKOT	802	10.0	1897	Z	590	1897	1,480
96N65W 9AACA	SDGS	112TILL	140	--	1965	U	--	--	1,445
96N65W 9ADBA	SDWR	112CHTU	125	2.0	06-11-1969	U	69	09-29-1969	1,447
96N65W 9ADCC	SDGS	112TILL	109	--	1965	U	--	--	1,453
96N65W 9BCBB	SDGS	112TILL	95	--	07- -1965	U	--	--	1,468
96N65W 9CBB	Krell, Ted	211DKOT	800	3.0	1916	S	67	09-00-1961	1,470
96N65W 9CCCC	BR	112PLSC	53	--	11-18-1960	U	--	--	1,462
96N65W 9DAAA	SDGS	112PLSC	78	--	07- -1965	U	9	1968	1,448
96N65W 9DBCBB	Nelson, Arnold	211CDLL	350	2.0	07-08-1961	S	--	--	1,458
96N65W 9DC	Krell, T. H.	211CDLL	380	2.0	1920	H	100	1956	1,469
96N65W 10B	Railroad, C, SP, & P	211DKOT	909	2.0	02-28-1906	U	--	--	1,437
96N65W 10BDDA	SDGS	112TILL	63	--	1965	U	--	--	1,450
96N65W 10BDDDB	Soulek, T.	211CDLL	375	--	--	H	--	--	1,451
96N65W 10CAAA	Raymond, V.	112PLSC	40	--	--	H	--	--	1,500
96N65W 10CCBB	Tribal Lands	112TILL	55	--	07-16-1969	U	--	--	1,490
96N65W 11ABCB	SDGS	112PLSC	170	--	07- -1965	U	--	--	1,455
96N65W 11BBDD	SDGS	112TILL	140	--	1965	U	--	--	1,455
96N65W 11BCAB	SDGS	112TILL	95	--	07- -1965	U	--	--	1,460
96N65W 11CCCC	SDGS	112TILL	65	--	1965	U	--	--	1,595
96N65W 11DAAA	SDGS	112TILL	25	--	1965	U	--	--	1,482
96N65W 12AADD	SDGS	112PLSC	240	--	07- -1965	U	--	--	1,457
96N65W 12ACAA	Laska, Marlin	112CHTU	200	--	--	U	--	--	1,470
96N65W 12ADCB	SDGS	112PLSC	18	2.0	11-02-1989	--	--	--	1,475
96N65W 13ABBB	Birger, James	211CDLL	300	2.0	--	H,S	--	--	1,450
96N65W 13BABB	SDGS	112TILL	88	--	1965	U	--	--	1,587
96N65W 13BABD	Dvorak, J.	211CDLL	480	--	--	H	--	--	1,468
96N65W 13CCCC	SDGS	112TILL	124	--	1965	U	--	--	1,660
96N65W 14ACCC	Blare, C.	211CDLL	300	2.0	1927	H,S	--	--	1,480

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
96N65W15ABAA	SDGS	112TILL	45	--	1965	U	--	--	1,515
96N65W15BCA	Nelson, Arnold	211CDLL	350	2.0	06-05-1961	S	200	1966	1,552
96N65W15BCBC	SDGS	112TILL	64	--	1965	U	--	--	1,522
96N65W16ABBA	SDGS	112PLSC	112	--	1965	U	--	--	1,470
96N65W16ABBA2	Nelson, Arnold	211CDLL	340	3.0	04-11-1930	H	90	1966	1,470
96N65W16BBBB	BR	112PLSC	65	--	11-17-1960	U	--	--	1,440
96N65W16BBC	Young, Maple	211CDLL	375	3.0	10-29-1931	H	117	1966	1,450
96N65W16BCAA	Young, M.	211CDLL	390	--	--	H	--	--	1,480
96N65W16BCBB	SDGS	112TILL	80	--	1965	U	--	--	1,470
96N65W16CCCB	USCE	211CDLL	386	4.0	02- -1952	U	120	04-25-1952	1,480
96N65W16CCCC	SDGS	112PLSC	79	--	1965	U	--	--	1,481
96N65W17AAAB	USGS	112PLSC	75	--	07-14-1967	U	--	--	1,438
96N65W17ABAC	Herrold, Dwight	112PLSC	80	--	--	U	--	--	1,440
96N65W17ABCA	Herrold, D.	112PLSC	32	--	1935	S	--	--	1,428
96N65W17BBCC	SDGS	112TILL	68	--	1965	U	--	--	1,457
96N65W18BDA	Soulek, Jim	211DKOT	900	3.0	1947	S	+30	09- -1961	1,456
96N65W19ABBA	SDGS	112TILL	88	--	1965	U	--	--	1,480
96N65W19BCDD	Svatos, Albert	211DKOT	921	3.0	11-05-1945	H,S	--	--	1,575
96N65W19DAAA	Soulek, James	211CDLL	242	2.0	1920	H,S	--	--	1,408
96N65W19DADA	BR	112TILL	98	--	03-28-1969	U	--	--	1,369
96N65W19DADC	Soulek, J.	112PLSC	140	--	--	H	--	--	1,400
96N65W19DDDC	Soulek, J.	112PLSC	140	--	--	H	--	--	1,380
96N65W20BAAA	BR	112TILL	101	--	03-24-1961	U	--	--	1,397
96N65W20BBBA	SDGS	112PLSC	110	--	07- -1965	U	--	--	1,425
96N65W20CDCD	SDGS	112TILL	77	--	1965	U	--	--	1,438
96N65W21ABCC	Moneke, George	211DKOT	945	2.5	12-05-1966	S	--	--	1,700
96N65W21CBDD	Moneke, Herman	211DKOT	1,100	3.0	1909	H,S	--	--	1,540
96N65W22AADA	SDGS	112TILL	86	--	1965	U	--	--	1,730
96N65W23CADD	Dvorak, James	211CDLL	666	2.0	1940	H	--	--	1,750
96N65W23DCBB	Dvorak, J.	211CDLL	666	--	--	H	--	--	1,775

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
96N65W23DDDD	SDGS	112TILL	107	--	1965	U	--	--	1,785
96N65W24AACC	Bouza, Edward	211CDLL	538	3.0	1948	H,S	--	--	1,630
96N65W24ABBB	SDGS	112PLSC	140	--	1965	U	--	--	1,640
96N65W24ADCC	Pesicka, Leonard	112PLSC	30	6.0	--	H,S	--	--	1,645
96N65W24CACC	Bouza, Tom	112PLSC	101	--	1965	U	--	--	1,742
96N65W24CACC2	Bouza, Tom	211CDLL	600	--	--	H,S	--	--	1,645
96N65W25AAAA	SDGS	112TILL	105	--	1965	U	--	--	1,645
96N65W25BAAA	Payer, Leo	211CDLL	600	2.5	--	H,S	--	--	1,709
96N65W26BAAA	Soukup, Lawrence	211DKOT	1,200	4.0	01- -1967	H,S	--	--	1,802
96N65W27BABB	SDGS	112TILL	102	--	1965	U	--	--	1,856
96N65W28DCC	Nelson, Nels	211DKOT	900	3.0	03-09-1928	S	6	09- -1928	1,545
96N65W29BAB	Svatos, George	211DKOT	805	2.0	1961	H,S	106	09-07-1961	1,430
96N65W29BACC	Svatos, George	211CDLL	340	--	--	H	--	--	1,435
96N65W29BBAA	SDGS	112TILL	34	--	1965	U	--	--	1,434
96N65W29BBDA	Seheas, G. A.	211DKOT	740	3.0	1952	S	--	--	1,400
96N65W29BCB	Packard, J.	211CDLL	556	5.0	12- -1970	H	410	12- -1970	1,420
96N65W29DAB	Stone, Diane	211CDLL	355	6.0	06-19-1974	--	132	06-19-1974	1,455
96N65W30AABB	SDGS	112PLSC	65	--	06-04-1970	U	--	--	1,381
96N65W30CADD	Svatos, Albert	211CDLL	272	2.0	1946	H,S	--	--	1,402
96N65W30CCDA	Svatos, George	211DKOT	800	2.5	01-04-1962	S	--	--	1,410
96N65W31ADBC	BR	112TILL	34.3	--	11-07-1960	U	--	--	1,368
96N65W32ABCC	SDGS	112TILL	80	--	06-04-1970	U	--	--	1,460
96N65W32ADDD	SDGS	112TILL	95	--	06-04-1970	U	--	--	1,445
96N65W34BDBC	BR	112PLSC	26	--	07-12-1967	U	--	--	1,747
96N65W35CCCC	BR	112PLSC	26	--	07-12-1967	U	--	--	1,553
96N65W36ABBB	Fuchs, Albert	112PLSC	30	60	--	H,S	--	--	1,636
96N65W36DCCD	USAF	211CDLL	728	6.0	1958	P	--	--	1,852
96N66W 1CCCC	SDGS	112PLSC	130	--	1965	U	--	--	1,785
96N66W 2BDDDD	Patocka, J.	211CDLL	635	--	--	S	--	--	1,748
96N66W 2BDDDD2	Patocka, J.	211CDLL	608	--	--	S	--	--	1,750

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
96N66W 2CBBB	Nelson, Lloyd	211CDLL	700	3.0	1927	H,S	--	--	1,808
96N66W 3DCDD	SDGS	112TILL	44	--	08-21-1969	U	--	--	1,835
96N66W 4AAAB	SDGS	112PLSC	200	--	07- -1965	U	--	--	1,745
96N66W 6AAA	Johnson, Wallace	112TILL	32	24.0	1963	H,S	--	--	1,546
96N66W 6AABB	Johnson, W.	112TILL	50	--	04-05-1966	U	--	--	1,533
96N66W 6ABBB	Johnson, W.	112TILL	160	--	04-05-1966	U	--	--	1,503
96N66W 6ACBC	Johnson, W.	112PLSC	110	--	04-05-1966	U	--	--	1,505
96N66W 6ACCC	Johnson, W.	112PLSC	115	--	04-05-1966	U	--	--	1,502
96N66W 6BBAA	USGS	112PLSC	122	--	07-12-1968	U	41	07-12-1968	1,510
96N66W 7AABC	Steckley, William	211DKOT	830	2.0	1953	H,S	--	--	1,550
96N66W 7CAC	Varilek, Elvern	211DKOT	850	3.0	1963	S	--	--	1,515
96N66W 8BBB	Steckley, William	211DKOT	850	3.0	1958	S	--	--	1,504
96N66W 8CBB	Steckley, William	211DKOT	845	2.0	1932	S	--	--	1,525
96N66W10BCCB	SDGS	112TILL	36	--	1965	U	--	--	1,885
96N66W11DAD	Cwach, Robert	112PLSC	450	2.0	--	H,S	--	--	1,900
96N66W14CB	Linnell, Lee	211DKOT	1,220	4.0	12- -1978	H,S	235	12- -1978	1,770
96N66W15BA	Booker, Roy	211DKOT	880	3.0	04- -1949	S	--	--	1,825
96N66W15DDDD	Patocka, John	211CDLL	600	1.5	1943	H,S	--	--	1,739
96N66W16BAAA	SDGS	112PLSC	69	--	08-22-1969	U	--	--	1,799
96N66W17BDB	Styely, Bill	211DKOT	830	3.0	1959	S	--	--	1,780
96N66W17DDDD	Ralston, Fenton	211CDLL	600	2.0	--	H,S	--	--	1,725
96N66W18ACC	Steckley, William	211DKOT	837	2.0	1934	S	--	--	1,600
96N66W18BBBB	SDGS	112TILL	79	--	07-23-1969	U	21	07-23-1969	1,410
96N66W18CDD	SDGS	112TILL	74	--	07-28-1969	U	--	--	1,540
96N66W19AAAA	Steffens, John	211NBRR	220	--	--	H,S	--	--	1,750
96N66W20ADAD	SDGS	112TILL	29	--	08-22-1969	U	--	--	1,735
96N66W20ABBB	Pavlis, William	211CDLL	695	2.0	1949	H,S	--	--	1,722
96N66W20DCC	Pavlis, William	211DKOT	840	2.0	1956	S	--	--	1,634
96N66W22CA	Robertson Farm	211DKOT	1,000	2.0	09-24-1984	S	--	--	1,560
96N66W23BCBC	Patocka, Alfred	211CDLL	573	2.5	01-20-1963	S	--	--	1,745

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
96N66W23BCCC	Patoeka, J.	211CDLL	577	--	--	S	--	--	1,742
96N66W23D	Lindquist, Joe	211DKOT	880	3.0	10-31-1943	S	12	10-31-1943	1,550
96N66W23DDDD	Eldridge, Warren	211DKOT	860	4.0	12-04-1965	S	--	--	1,476
96N66W25AACC	Eldridge, Warren	211DKOT	995	3.0	1923	H,S	--	--	1,700
96N66W26DACB	Soule, James	211DKOT	760	4.0	04-09-1966	S	--	--	1,420
96N66W27ABD	Booker, Leroy	211DKOT	800	3.0	1948	S	--	--	1,525
96N66W27ACAD	Booker, Leroy	211DKOT	792	4.0	1921	S	--	--	1,485
96N66W27CDCC	Booker, Leroy	211DKOT	905	1.25	1918	S	--	--	1,490
96N66W28B	Johannsen, Harvey	211DKOT	830	3.5	1960	S	--	--	1,655
96N66W28CCCC	USGS	211CDLL	373	4.0	01-25-1952	U	88	10-06-1967	1,442
96N66W28CDDD	Pavlis, Louis	211CDLL	365	2.0	1920	H	--	--	1,440
96N66W28CDDD2	Pavlis, Louis	211DKOT	800	1.5	1923	S	--	--	1,440
96N66W29BDD	Holderby, Herman	211DKOT	950	--	1967	S	--	--	1,515
96N66W29DAB	Holderby, Herman	211DKOT	1,125	--	1967	S	13	1967	1,520
96N66W30ACC	Holderby, Herman	211CDLL	400	--	--	H,S	144	1968	1,500
96N66W30CBCC	SDGS	112PLSC	29	--	07-28-1969	U	--	--	1,400
96N66W32BCCC	BR	112PLSC	12	--	05-08-1957	U	--	--	1,386
96N66W34DBBB	Scott, Lee	211NBRR	50	--	04-07-1966	S	--	--	1,360
96N66W35DADD	BR	112PLSC	12	--	05-08-1957	U	--	--	1,385
96N67W 1ADDD	SDGS	112TILL	123	--	07-18-1969	U	--	--	1,498
96N67W 1DAD	Durham, Mervin	211CDLL	320	2.0	1938	H,S	--	--	1,500
96N67W 1DDDD	USGS	112TILL	139	--	07-22-1969	U	23	1969	1,498
96N67W 4DADB	U.S. Government	211DKOT	700	2.0	1920	S	--	--	1,370
96N67W11DDDD	SDGS	112PLSC	125	--	06-09-1970	U	--	--	1,460
96N67W13CDDD	SDGS	112PLSC	83	--	07-28-1969	U	--	--	1,432
96N67W13DDDD	SDGS	112TILL	144	--	07-25-1969	U	--	--	1,460
96N67W24DDAA	SDGS	112PLSC	43	--	07-28-1969	U	--	--	1,445
96N67W25DBBB	Scott, L	112TILL	50	--	04-07-1966	U	--	--	1,375
96N67W25DDDD	Scott, Lee	112PLSC	50	--	1954	S	--	--	1,385
96N68W 1ABBB	DeHaan, John	211DKOT	635	2.0	1914	S,I	--	--	1,434

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
97N61W29DDDD	Maag, Arnold	211CDLL	600	2.0	--	H,S	--	--	1,866
97N61W31DDCC	Friederich, Victor	211CDLL	600	3.0	--	H,S	--	--	1,848
97N62W10AABB	Williams, Victor	211CDLL	346	3.5	05-08-1963	S	--	--	1,500
97N62W17ADDD	Gunnare, Richard	211CDLL	362	2.0	1910	H,S	--	--	1,515
97N62W18ABBA	Wunder, Harvey	211NBRR	180	2.0	1932	S	--	--	1,465
97N62W18BBDB	Wunder, Harvey	211NBRR	180	2.0	1942	H,S	--	--	1,453
97N62W18CDCC	Holton, John	211NBRR	175	2.0	1951	H,S	80	1951	1,478
97N62W19BBBB	SDGS	112PLSC	165	--	05-07-1969	U	--	--	1,462
97N62W19CCBD	Kokesh, Ernest	211NBRR	223	2.0	1900	H,S	--	--	1,460
97N62W20ADDA	Gunnare, Olaf	211CDLL	362	2.0	1915	H,S	--	--	1,540
97N62W20CBBC	Wunder, Wayne	211NBRR	180	2.0	1932	H,S	--	--	1,501
97N62W21BBBC	Case, Gene	211CDLL	421	4.0	10-05-1966	S,H	210	10-05-1966	1,539
97N62W21DAAA	Fuerness, Arnold	211CDLL	520	2.0	1920	H,S	--	--	1,600
97N62W23DBAA	Bitterman, Delbert	112PLSC	150	--	1961	H,S	--	--	1,730
97N62W24CCBB	Jenney, Lawrence	112PLSC	188	2.0	1916	H,S	--	--	1,767
97N62W25DDBB	Bitterman, Ruben	211CDLL	538	3.0	1959	H,S	--	--	1,802
97N62W26CCDD	Meyer, Ruben	112PLSC	200	2.0	1900	S	100	1967	1,730
97N62W27BCCA	Gunnare, Richard	211CDLL	503	3.0	09-14-1965	S	288	09-14-1965	1,666
97N62W27DDCC	Permman, A.	211CDLL	500	2.0	--	H,S	--	--	1,718
97N62W28BBBB	SDGS	112TILL	80	--	05-07-1969	U	--	--	1,557
97N62W28DAAA	Weisser, Emil	211CDLL	460	2.0	1910	H,S	--	--	1,628
97N62W29BBDB	Kirchhevel, Bernard	211CDLL	370	4.0	1966	H,S	--	--	1,520
97N62W29CDCA	Beck, Edwin	211CDLL	381	4.0	1962	S,H	--	--	1,525
97N62W29DCCC	Beck, Edwin	211NBRR	220	--	1949	S	--	--	1,541
97N62W30DDB	Greenwood Colony	112CHTU	180	--	--	U	--	--	1,490
97N62W31DDDD	SDWR	112CHTU	225	2.0	05-16-1978	U	--	--	1,492
97N62W32BBDD	Weisser, Alfred	211CDLL	380	2.0	1957	H,S	--	--	1,510
97N62W32DAAD	Batterman, Dennis	211CDLL	380	2.0	1940	H,S	--	--	1,575
97N62W33ADAA	Fauth, Helmuth	211CDLL	502	2.0	1948	H	--	--	1,640
97N62W33ADAA2	Fauth, Helmuth	112PLSC	160	2.0	--	S	--	--	1,640

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
97N62W34ABAB	Kludt, Gordon	211CDLL	500	2.0	1910	H,S	--	--	1,697
97N62W35DDDD	SDGS	112PLSC	230	--	10-24-1968	U	--	--	1,756
97N63W 3CCCB	SDGS	112PLSC	24	--	08-04-1969	U	--	--	1,412
97N63W 3DCCC	USGS	112DELM	23	1.5	06-13-1967	U	7	06-14-1967	1,410
97N63W 3DDDD	SDWR	112DELM	21.2	2.0	06-13-1972	--	4.3	06-13-1972	1,435
97N63W 4CDBB	Kolecka, Allen	112CHTU	170	2.0	1961	S	--	--	1,425
97N63W 4D	Hrdlicka, Gary	112CHTU	180	4.0	05-23-1979	--	51	05-23-1979	1,425
97N63W 4DAAA	Hanskutt, Frank	112CHTU	160	3.0	1951	U	65	1965	1,422
97N63W 4DAAA2	Hanskutt, Frank	112CHTU	182	4.0	09-01-1965	H,S	45	1966	1,422
97N63W 4DACB	Hrdlicka, Gary	112CHTU	190	--	--	U	--	--	1,424
97N63W 5ABBB	Hrdlicka, L., E. & A.	112CHTU	180	2.0	1935	H,S	--	--	1,444
97N63W 5ADAA	Hrdlicka, Theo	112CHTU	180	--	--	H,S	--	--	1,430
97N63W 5CCCC	Glantz, Paul	211CDLL	300	4.0	1962	H,S	--	--	1,429
97N63W 5DADD	Lantz, Arlington	112PLSC	137	2.0	1956	H	--	--	1,431
97N63W 6AAAA	SDWR	112PLSC	72	1.25	07-22-1960	U	9	06-13-1967	1,463
97N63W 6ABBB	Newberry, H. L.	211CDLL	376	1.25	1946	H,S	--	--	1,450
97N63W 6BABB	NW Public Serv.	211CDLL	420	6.0	1953	E,N	75	07- -1967	1,459
97N63W 6BABB2	NW Public Serv.	112CHTU	180	6.0	1936	E,N	--	--	1,459
97N63W 6CBBB	Bosma, Herbert	112CHTU	180	2.0	1904	U	60	07- -1967	1,455
97N63W 6CBBB2	Bosma, Herbert	211CDLL	300	3.0	1953	H,S	60	07- -1967	1,455
97N63W 7ABAB	Hollman, Harold	112PLSC	128	2.0	1900	H,S	55	07- -1967	1,450
97N63W 7BCCC	Blume, Herbert	211CDLL	370	2.0	1936	H,S	--	--	1,450
97N63W 8DDDD	SDGS	112PLSC	18	2.0	11-01-1989	--	--	--	1,436
97N63W 9AABB	Stock, Walter Jr.	112PLSC	158	2.0	1961	H,S	--	--	1,413
97N63W 9BBBB	Kolecka, Allen	112CHTU	170	2.0	1958	H,S	40	07- -1967	1,420
97N63W10AAAA	SDGS	112PLSC	74	--	08-05-1969	U	5	1969	1,415
97N63W10BCCC	SDGS	112PLSC	29	--	08-05-1969	U	8	02-02-1970	1,412
97N63W10CC	SDGS	112TILL	24	--	1960	U	--	--	1,383
97N63W10CCCC	Williams, Mrs. H.	112PLSC	174	3.0	1949	S	--	--	1,405
97N63W10D	Vesper, Maynard	112CHTU	280	--	04-26-1979	U	--	--	1,405

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
97N63W10DD	SDGS	112PLSC	28	--	1960	U	--	--	1,409
97N63W11AAAC	USGS	112DELM	27	1.5	06-13-1967	U	5	06-14-1967	1,414
97N63W11AAAC2	USGS	112PLSC	23.3	1.5	06-14-1967	U	5	06-14-1967	1,414
97N63W11AAAC3	USGS	112DELM	20.2	2.0	06-14-1967	U	5	06-14-1967	1,414
97N63W11ACDC	Eitemiller, Vene	112DELM	33	14.0	--	I	--	--	1,414
97N63W11BCAA	Eitemiller, Vene	112DELM	18	--	1957	S	8	06- -1967	1,413
97N63W11BCCC	SDGS	112DELM	44	--	08-05-1969	U	6	1969	1,412
97N63W11D	Weisser, Leroy	112DELM	49	--	--	U	--	--	1,425
97N63W11D2	Weisser, Larry	112CHTU	170	--	--	U	--	--	1,425
97N63W11DD	Weisser, Leroy	112CHTU	190	--	09- -1981	--	--	--	1,427
97N63W11DDB	Weisser, Leroy	112PLSC	60	--	08-02-1981	--	--	--	1,424
97N63W11DDDD	USGS	112TILL	47	--	07-19-1968	U	40	07-19-1968	1,430
97N63W12C	Weisser, Leroy	112PLSC	155	--	09-30-1981	U	--	--	1,430
97N63W12CC	Weisser, Leroy	211CDLL	200	--	09-30-1981	U	--	--	1,433
97N63W13B	Sundling, Mabel	211CDLL	182	--	04-14-1981	U	--	--	1,435
97N63W13BB	Sundling, Mabel	112PLSC	80	--	04-14-1981	U	--	--	1,434
97N63W13D	Greenwood Colony	211CDLL	189	12.0	04-20-1982	--	90	04-20-1982	1,450
97N63W13DDDB	Fmrs Coop, Greenwood	112IRMD	180	--	--	U	--	--	1,460
97N63W14AAAA	Kaldun, Mrs. Sam	112PLSC	200	--	--	H,S	--	--	1,434
97N63W14BBBB	SDWR	112PLSC	31	2.0	06-29-1969	U	6	10-02-1969	1,407
97N63W14BDAA	Greenwood Colony	112PLSC	30	--	--	U	--	--	1,421
97N63W15AAA	USGS	112PLSC	122	--	06-14-1967	U	--	--	1,407
97N63W15CCAB	Eitemiller, Merritt	112CHTU	210	2.0	1906	S	40	06- -1956	1,423
97N63W15CCCC	SDGS	112CHTU	215	--	05-05-1969	U	--	--	1,419
97N63W15CD	Eitemiller, Chuck	112DELM	35	--	04-14-1981	U	--	--	1,400
97N63W15CD2	Eitemiller, Chuck	112DELM	35	--	04-14-1981	I	--	--	1,400
97N63W15DDAD	SDGS	112DELM	23	2.0	11-01-1989	U	--	--	1,417
97N63W16ABAA	Kolecka, Allen	112PLSC	165	2.0	1952	S	--	--	1,422
97N63W16BCCC	Seiner, Jerry	211CDLL	230	--	04-14-1981	U	--	--	1,440
97N63W17ABAA	Kolecka, Edward Sr.	112PLSC	197	2.0	1920	H,S	60	1967	1,430

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
97N63W17DBCC	Seiner, Jerry	112CHTU	210	--	--	U	--	--	1,435
97N63W17DC	Seiner, Jerry	211CDLL	230	--	04-14-1981	I	--	--	1,434
97N63W17DDDD	Hawley, Arch	112PLSC	195	4.0	1967	H,S	--	--	1,448
97N63W18BBAB	USGS	112PLSC	122	--	06-15-1967	U	--	--	1,415
97N63W18BBBB	Meyer, E. W.	112PLSC	181	4.0	1963	S	60	1967	1,431
97N63W18BCCC	Meyer, Edward W.	112PLSC	180	2.5	1925	H,S	45	1967	1,425
97N63W18CCCC	SDGS	112PLSC	365	--	05-02-1969	U	--	--	1,457
97N63W19	Fmrs Coop, Greenwood	112PLSC	57	--	06-24-1981	I	10	06-24-1981	1,418
97N63W19CBAA	Loken, Theodore	112PLSC	165	3.0	1959	H,S	--	--	1,428
97N63W19DDAA	Martin, Leon	112PLSC	180	--	--	S	--	--	1,430
97N63W19DDC	USGS	112PLSC	123	--	06-15-1967	U	--	--	1,410
97N63W20BBBB	Roth, Marvin	112PLSC	180	2.0	--	H,S	--	--	1,429
97N63W20C	Kindt, Ted	112CHTU	210	--	--	U	--	--	1,420
97N63W21BAAA	Seiner, Edward	112PLSC	144	2.5	1957	U	--	--	1,441
97N63W21BAAA2	Seiner, Edward	112PLSC	150	4.0	04- -1967	H,S	--	--	1,441
97N63W21BB	Seiner, Edward	112CHTU	200	6.5	09-25-1981	H	--	--	1,440
97N63W21BBBB	SDWR	112PLSC	71	1.25	07-25-1960	U	21	06- -1967	1,447
97N63W21BBBB2	SDWR	112IRMD	123.9	2.0	05-16-1978	U	--	--	1,446
97N63W21CCBC	Martin, Leon	112CHTU	190	2.0	--	H,S	16	08- -1967	1,407
97N63W21D	Wiechmann, Mark	112CHTU	187	5.0	12-17-1982	--	--	--	1,400
97N63W21DA	Wiechmann, Mark	112PLSC	35	--	04-14-1981	U	--	--	1,403
97N63W22BABB	USGS	112TILL	122	--	06-12-1967	U	--	--	1,400
97N63W22DDDD	Broz, William	112CHTU	175	2.0	1910	S	80	08- -1967	1,425
97N63W23BAAA	Broz, Robert	112CHTU	220	2.0	1942	H,S	--	--	1,424
97N63W24BAAA	Kindt, Allen	112CHTU	212	2.0	1959	H,S	--	--	1,453
97N63W24BB	Pietz, A.	112CHTU	205	5.0	07-20-1987	--	90	07-20-1987	1,442
97N63W24DAAD	Verzani, Raymond	112CHTU	208	--	1947	H,S	--	--	1,460
97N63W25BBC	USGS	112CHTU	122	--	06-12-1967	U	6	06-12-1967	1,437
97N63W25CBBB	Martin, Voyle	112IRMD	196	2.0	1904	H,S	60	07- -1967	1,436
97N63W26AAAA	SDWR	112CHTU	202.1	2.0	04-17-1980	U	--	--	1,436

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
97N63W27AAAA	Broz, William	112CHTU	180	2.0	1948	H,S	--	--	1,425
97N63W27BAAC	Donnelson, Lloyd	112CHTU	150	2.0	1926	S,H	--	--	1,423
97N63W28ABDB	Barkley, Lionel	112PLSC	24	24.0	06-25-1965	S	--	--	1,390
97N63W28BA	SDGS	112PLSC	37	--	1960	U	4	1960	1,395
97N63W28BAAA	SDWR	112DELM	35	1.25	08-05-1957	U	3.5	06-13-1967	1,395
97N63W28DCCC	SDGS	112PLSC	54	--	08-05-1969	U	10	1970	1,392
97N63W28DDDD	SDWR	112CHTU	166	1.25	07-27-1960	U	13	06-21-1967	1,400
97N63W30BDBB	Soulek, R.	112CHTU	175	--	--	U	--	--	1,415
97N63W30CCCC	Petrik, Marvin	112CHTU	185	2.0	1965	H,S	--	--	1,436
97N63W31DDDD	Gunnare, John	112CHTU	160	2.0	1910	U	--	--	1,403
97N63W31DDDD2	Gunnare, John	112CHTU	180	4.0	1964	H,S	--	--	1,397
97N63W32A	Wegehaupt, Jerry	112CHTU	215	--	04-14-1981	U	--	--	1,412
97N63W32AA	Wegehaupt, Jerry	112CHTU	230	--	04-14-1981	U	--	--	1,410
97N63W32AA2	Wegehaupt, Jerry	--	80	--	04-14-1981	U	--	--	1,410
97N63W32AAC	Wegehaupt, J.	112CHTU	190	--	--	U	--	--	1,410
97N63W32ABBB	Bartunek, Ed	112PLSC	280	2.0	--	H,S	--	--	1,420
97N63W32AC	Wegehaupt, Jerry	--	65	--	04-14-1981	U	--	--	1,420
97N63W32CCCC	BR	112TILL	20	--	--	U	--	--	1,458
97N63W32CDCC	Wiechmann, Frank	112PLSC	20	20.0	1960	S	+1	08- -1967	1,395
97N63W32DCCC	USGS	112CHTU	97	1.25	06-09-1967	U	15	09-11-1967	1,390
97N63W32DCCC2	USGS	112CHTU	106.7	1.5	06-09-1967	--	--	--	1,390
97N63W32DD	Wiechmann, Frank	112DELM	50	--	04-14-1981	U	--	--	1,393
97N63W32DD2	Wiechmann, Frank	112DELM	50	--	04-14-1981	U	--	--	1,393
97N63W32DD3	Wiechmann, Frank	112DELM	50	--	04-14-1981	U	--	--	1,393
97N63W32DDDB	Wiechmann, Frank	112PLSC	120	4.0	1962	H,S	12	08- -1967	1,395
97N63W32DDDD	Wiechmann, Frank	112CHTU	183	2.0	1957	U	12	07- -1967	1,393
97N63W33AAAA	SDWR	112CHTU	182.8	2.0	04-17-1980	U	--	--	1,400
97N63W33AAAA2	SDWR	112DELM	53	2.0	04-18-1980	U	--	--	1,400
97N63W33CAD	Wiechmann, Noel	112PLSC	126	2.0	1954	S	--	--	1,390
97N63W33DAAA	SDGS	112PLSC	44	--	08-04-1969	U	9	02- -1970	1,402

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
97N63W34BAAA	Kindt, Edward	112CHTU	180	2.0	1959	H,S	--	--	1,426
97N63W34CCBB	Wiechmann, Paul	211DKOT	900	2.0	1916	S	--	--	1,395
97N63W34CCBB2	Wiechmann, Paul	112PLSC	126	2.0	1955	S	8	1955	1,395
97N63W34CCCB	Wiechmann, Paul	112PLSC	150	2.0	1953	H,S	20	08- -1967	1,397
97N63W34DCBB	Wiechmann, Paul	112IRMD	157	18.0	10- -1957	I	19	11-08-1957	1,405
97N63W34DDC	USGS	112TILL	122	--	06-09-1967	U	--	--	1,413
97N63W35BCCC	Stone, Merle	112PLSC	175	2.0	1920	H,S	--	--	1,440
97N63W35DD	Horner, Glenn	112PLSC	190	2.0	--	H,S	40	08- -1967	1,447
97N63W36AAAA	Beck, Edwin	112PLSC	200	3.0	1967	S	--	--	1,454
97N63W36CCDD	Horner, Ray	112PLSC	200	2.0	1935	H,S	--	--	1,460
97N63W36DAAA	Permman, Harold	112PLSC	234	3.0	1964	H,S	--	--	1,466
97N64W 1CDD	Fryda, Charles	112PLSC	203	3.0	10-11-1965	S	80	10- -1966	1,464
97N64W 1DDAA	Kolecka, E.	112PLSC	193	3.5	1957	H,S	85	1967	1,455
97N64W 2BCCB	Sparks, Minnie	112PLSC	230	4.0	03-24-1966	H,S	--	--	1,500
97N64W 2DADA	Harrington, R. & R.	112PLSC	180	2.0	1955	H,S	--	--	1,465
97N64W 3B	SDWR	112TILL	150	--	10-27-1958	U	--	--	1,475
97N64W 3CCCD	SDGS	112PLSC	44	--	08-25-1969	U	--	--	1,440
97N64W 3CCDD	SDGS	112PLSC	19	--	08-25-1969	U	--	--	1,445
97N64W 3CDDC	SDGS	112PLSC	19	--	08-25-1969	U	--	--	1,455
97N64W 3DADB	Schroeder, Al	112PLSC	240	2.0	1943	U	--	--	1,500
97N64W 3DADB2	Schroeder, Al	112PLSC	238	4.0	08-11-1966	H,S	--	--	1,500
97N64W 4B	SDWR	112PLSC	188	--	07-20-1960	U	--	--	1,485
97N64W 4DDAA	Vogt, Roy	112PLSC	200	3.5	06-22-1966	S,H	--	--	1,460
97N64W 5AABB	Fryda, Lewis	211CDLL	385	3.0	1941	H,S	--	--	1,501
97N64W 5DA	SDWR	112PLSC	210	--	07-21-1960	U	--	--	1,490
97N64W 6AD	Uhlbrich, J.	211CDLL	400	2.0	1958	S	--	--	1,530
97N64W 7DDDD	SDGS	112PLSC	286	--	07- -1965	U	--	--	1,530
97N64W 8CCCC	Meyers, Gilbert	211DKOT	800	4.0	--	H,S	--	--	1,529
97N64W 9BB	Vogt, Gary	211CDLL	338	2.0	--	H,S	60	08- -1964	1,475
97N64W 9DAAA	Youngstrom, Lyle	211CDLL	400	4.0	1916	H,S	--	--	1,450

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
97N64W10AABB	BR	112PLSC	35	--	12-02-1960	U	--	--	1,498
97N64W10BACC	Vanderpol, Rolland	112CHTU	200	--	--	U	--	--	1,469
97N64W10BADCC	Nase, Arthur	112CHTU	240	18.0	04- -1966	I	118	10-05-1967	1,475
97N64W10CDBA	McFarland, Dan	112CHTU	206	18.0	1957	I	110	08-09-1967	1,480
97N64W10CDC	BR	112TILL	20	3.0	10-04-1960	U	14	10-14-1960	1,478
97N64W10CDC2	McFarland, Dan	112PLSC	185	2.0	1940	H,S	80	08- -1967	1,465
97N64W10DADD	Kietzmann, Rudolph	112PLSC	190	2.0	--	H,S	100	1967	1,480
97N64W10DCCC	BR	112PLSC	20	3.0	10-04-1960	U	14	10-14-1960	1,478
97N64W11ADDA	Kietzmann, Paul	112PLSC	180	2.0	--	H,S	--	--	1,460
97N64W11ADDD	SDGS	112PLSC	28	2.0	11-01-1989	--	--	--	1,460
97N64W11BAAA	SDWR	112CHTU	221	2.0	06-28-1969	U	100	09-30-1969	1,477
97N64W11CACB	Kietzmann, Rudolph	112CHTU	200	18.0	1957	I	94	08- -1967	1,470
97N64W11CCCC	McFarland, Dan	112CHTU	199	3.0	07-02-1965	S	85	10- -1966	1,470
97N64W11DDDD	Soulek, Robert	112CHTU	180	2.0	--	H,S	80	1967	1,463
97N64W12AAAA	Fryda, Charles	112CHTU	180	2.0	1943	U	--	--	1,454
97N64W12AAAA2	Fryda, Charles	211CDLL	381	4.0	08-29-1966	H,S	--	--	1,455
97N64W12DDAA	Anderson, Raymond	112CHTU	187	2.0	1965	H,S	--	--	1,440
97N64W13AAC	Soulek, Richard	112CHTU	220	--	--	U	--	--	1,450
97N64W13BAAA	Blume, Herbert	112CHTU	210	3.5	04- -1967	S	60	04- -1967	1,464
97N64W13CCCC	BR	112TILL	20	3.0	10-05-1960	U	12	10-14-1960	1,453
97N64W13DDDC	Meyer, Edward	112CHTU	180	2.5	1925	U	--	--	1,431
97N64W13DDDC2	Meyer, Edward	112CHTU	200	3.0	1965	S	--	--	1,431
97N64W14B	Soulek	112CHTU	212	--	--	U	--	--	1,457
97N64W14BBBB	SDWR	112CHTU	221	2.0	05-30-1968	U	89	01-15-1969	1,473
97N64W15CABB2	Soulek, Kenneth	112CHTU	195	3.5	1964	H,S	--	--	1,468
97N64W16BCBA	Westendorf, Mrs. V.	211DKOT	746	3.0	1953	U	--	--	1,450
97N64W16BCBA2	Westendorf, Mrs. V.	211DKOT	750	3.0	1965	S	--	--	1,450
97N64W17BBBB	Soulek, Jerry	112IRMD	110	2.0	1937	H,S	--	--	1,529
97N64W17CCDD	Linnell, Donald	112CHTU	180	--	--	U	--	--	1,498
97N64W17CCDD2	Linnell, Donald	211CDLL	325	--	1949	H,S	--	--	1,490

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
97N64W18DBC	Foot, A. E.	211DKOT	800	2.0	--	S	--	--	1,485
97N64W19DDCC	Novotny, Frank	211CDLL	326	2.0	1929	H,S	150	08- -1967	1,505
97N64W20ABAA	SDGS	112PLSC	34	--	--	U	--	--	1,450
97N64W20ABAA	SDGS	112TILL	104	--	1965	U	--	--	1,485
97N64W20CBDD	Bechen Bros.	112CHTU	202	16.0	04- -1969	I	89	05-14-1969	1,470
97N64W20CCA	Bechen Bros.	112CHTU	200	--	--	U	--	--	1,470
97N64W20CCA2	Bechen Bros.	112CHTU	202	--	--	U	--	--	1,470
97N64W20CDCD	SDWR	112CHTU	178	2.0	06-21-1969	U	82	08- -1969	1,456
97N64W20CDDD	Bechen Bros.	211CDLL	305	4.0	1967	H,S	--	--	1,445
97N64W20DAAD	SDGS	112PLSC	14	--	08-22-1969	U	--	--	1,445
97N64W21AAAD	BR	112PLSC	60	--	12-01-1960	U	--	--	1,472
97N64W21CBCB	SDGS	112PLSC	14	--	08-22-1969	U	--	--	1,440
97N64W21DBAA	Voncollin, Gordon	211CDLL	320	2.0	--	U	--	--	1,446
97N64W21DBAA2	Voncollin, Gordon	112CHTU	210	3.0	1963	H,S	--	--	1,440
97N64W22CBCC	SDWR	112CHTU	208	2.0	06-26-1969	U	68	10-02-1969	1,444
97N64W22DCDD	SDGS	112PLSC	17	--	08-27-1969	U	12	08-27-1969	1,443
97N64W23BBBB	SDWR	112PLSC	72	1.25	07-18-1960	U	13	06- -1967	1,454
97N64W23DDDD	Floete Land Co.	112CHTU	203	--	06-14-1966	H,S	--	--	1,457
97N64W24AADD	Johnson, Herman	112CHTU	165	2.0	--	U	60	1967	1,433
97N64W24AADD2	Johnson, Herman	112CHTU	193	4.0	1965	H,S	--	--	1,433
97N64W24CDCD	Hrdlicka, Lloyd	112CHTU	190	3.5	1960	H,S	56	1967	1,450
97N64W24DDDD	Keeger, Paul	112CHTU	190	2.0	--	H,S	--	--	1,438
97N64W25DDDB	--	112CHTU	180	--	--	--	--	--	1,446
97N64W26BAAA	SDGS	112PLSC	23	2.0	11-01-1989	--	--	--	1,462
97N64W26DCCC	Johnson, Arthur	112CHTU	260	2.0	--	H,S	--	--	1,472
97N64W27AAAA	Hawley, Percy	112IRMD	210	4.0	1964	H,S	--	--	1,449
97N64W27AAAA2	BR	112PLSC	40	--	11-22-1960	U	--	--	1,460
97N64W27CCCB	Schmidt, James	211DKOT	860	2.0	12- -1954	S	31	08-25-1961	1,470
97N64W27CCCC	Schmidt, James	211CDLL	425	2.0	1949	H	100	1967	1,470
97N64W27DACB	Schmidt, James	112CHTU	260	18.0	1966	I	88	10- -1967	1,470

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
97N64W27DADD	BR	112TILL	20	3.0	10-05-1960	U	13	10-14-1960	1,469
97N64W27DADD	SDWR	112CHTU	250	2.0	06-22-1967	U	102	07- -1967	1,475
97N64W28DADD	Carpenter, Paul	112CHTU	280	3.5	1964	H,S	--	--	1,470
97N64W30AAAA	SDGS	112PLSC	260	--	07- -1965	U	--	--	1,475
97N64W30BACC	Krell, T.	112PLSC	224	--	09-13-1966	U	--	--	1,502
97N64W31B	SDGFP	112CHTU	191	--	--	U	--	--	1,463
97N64W31BAAA	SDWR	112CHTU	188	2.0	05-30-1968	U	84	03-14-1969	1,465
97N64W31BBBB	SDGS	112PLSC	139	--	1965	U	--	--	1,482
97N64W31BDAA	SDGS	112PLSC	9	--	07-15-1969	U	--	--	1,455
97N64W31BDAC	SDGS	112PLSC	17	--	07-15-1969	U	--	--	1,455
97N64W31BDDBA	SDGS	112PLSC	9	--	07-15-1969	U	--	--	1,455
97N64W31BDDBA	SDGS	112PLSC	9	--	07-15-1969	U	--	--	1,455
97N64W31CCCC	Sejnoha, Vincent	112CHTU	160	2.0	--	H,S	--	--	1,455
97N64W32DCAD	Nielsen, G.	211CDLL	325	--	--	U	--	--	1,452
97N64W32DDCC	Nielsen, George	112CHTU	240	2.0	1947	H,S	150	08- -1967	1,456
97N64W32DDDD	Anderson, Clifford	112PLSC	165	2.5	1957	H,S	--	--	1,452
97N64W33ABBC	Soulek, Leo	112CHTU	240	--	--	U	--	--	1,458
97N64W33ACCC	Leonard, Dale	112PLSC	100	2.0	1965	S	--	--	1,465
97N64W33CCCC	BR	112TILL	20	3.0	10-05-1960	U	8	10-14-1960	1,452
97N64W34AAAD	BR	112PLSC	60	--	11-21-1960	U	--	--	1,474
97N64W34BABD	Schmidt, James	112PLSC	100	--	1958	H,S	--	--	1,480
97N64W34C	Reinschmidt	112CHTU	230	4.0	05-16-1977	--	--	--	1,470
97N64W34C2	Reinschmidt, Doyle	112CHTU	220	15.0	06-20-1977	--	--	--	1,470
97N64W35ABBA	Johnson, Arthur	112CHTU	260	--	--	S	--	--	1,471
97N64W35BCAA	Soulek, Leo	112CHTU	262	18.0	1966	I	105	10-05-1967	1,480
97N64W35CDDD	Leonard, Dale	112PLSC	100	2.0	1944	H,S	--	--	1,483
97N64W35DADA	SDWR	112CHTU	221	--	--	--	--	--	1,481
97N64W35DADD	SDWR	112PLSC	238	2.0	06-26-1967	U	101	07- -1967	1,473
97N64W35DDCC	Novak, William	112PLSC	206	3.5	1957	H,S	--	--	1,484
97N64W36BBAA	BR	112TILL	60	--	10-12-1960	U	--	--	1,464

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
97N64W36DADD	Baumgart, Raymond	112RMD	192	2.0	1967	H,S	--	--	1,473
97N64W36DADD2	Baumgart, Raymond	112PLSC	192	4.0	08-10-1967	H,S	--	--	1,435
97N65W 2DDDD	SDGS	112PLSC	310	--	07- -1965	U	--	--	1,561
97N65W 3ADBB	Evans, Lester	211CDLL	365	2.0	1906	H,S	--	--	1,605
97N65W 6ADAA	Dagher, Ellsworth	211CDLL	500	2.0	1917	H,S	--	--	1,644
97N65W 6CDCC	Steele, Harold	211CDLL	450	3.0	--	H,S	--	--	1,615
97N65W 8AADA	Nelson, Fyle	211CDLL	473	2.0	1927	H,S	--	--	1,630
97N65W 8CCAB	Stluka, Dorothy	211CDLL	420	--	1928	H,S	--	--	1,628
97N65W 9AAAA	SDGS	112PLSC	350	--	07- -1965	U	--	--	1,632
97N65W 9CCAA	Kisley, Anton	211CDLL	454	2.0	1930	H,S	--	--	1,629
97N65W 9CDDD	SDGS	112PLSC	300	--	07- -1965	U	--	--	1,632
97N65W10DC	Kisely, Anton	211NBRR	280	2.0	--	S	--	--	1,610
97N65W11CCCC	Rezek, George	211CDLL	410	3.0	--	H,S	--	--	1,608
97N65W11DDDD	SDGS	112PLSC	255	--	1965	U	--	--	1,570
97N65W12BADA	Pavlis, Emil	211CDLL	450	2.5	--	H,S	--	--	1,560
97N65W13CBBC	Kirchhevel, Ed	112CHTU	200	2.0	1963	H,S	--	--	1,560
97N65W13DDDD	SDWR	112CHTU	162	1.25	08-16-1960	U	17	06-21-1967	1,530
97N65W14CCCC	SDGS	112PLSC	242	--	07- -1965	U	--	--	1,590
97N65W15ADDD	Jones, Albert	211CDLL	420	2.5	1963	H,S	--	--	1,586
97N65W15DDDD	Buchholz, Clarence	211CDLL	430	4.0	10-01-1966	H,S	230	10- -1966	1,590
97N65W17AADC	Kisley, T.	211CDLL	439	--	--	H,S	--	--	1,620
97N65W18AAAD	SDGS	112TILL	230	--	1965	U	--	--	1,612
97N65W18BABC	J. Stluka Estate	112PLSC	58	20.0	1961	S	--	--	1,613
97N65W18CCDD	Brooks, Ralph	211CDLL	420	2.5	--	H,S	--	--	1,640
97N65W19BABB	SDGS	112TILL	140	--	1965	U	--	--	1,642
97N65W20CDBB	Petrik, Frank	211CDLL	420	2.0	--	H,S	--	--	1,558
97N65W21AAAA	Kirschenmann, Leo	211NBRR	350	3.0	1917	S	--	--	1,636
97N65W21CBCB	Kisley, Tony	211CDLL	470	2.0	08- -1950	S	--	--	1,642
97N65W21DDDD	Svatos, Raymond	211CDLL	520	3.0	1956	H,S	--	--	1,645
97N65W22BBBB	SDGS	112TILL	260	--	07- -1965	U	--	--	1,636

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
97N65W22DBCC	Frandsen, Marius	211CDLL	450	1.5	--	H,S	--	--	1,621
97N65W22DDCD	SDGS	112TILL	185	--	07- -1965	U	--	--	1,617
97N65W23DCCD	Bare, Alvan	211CDLL	374	2.0	1961	H	--	--	1,525
97N65W24ACAD	Evans, Ival	211CDLL	360	2.0	1932	H,S	--	--	1,540
97N65W24ADAD	SDGS	112PLSC	120	--	1965	U	--	--	1,617
97N65W24CBCC	Newman, Dale	211NBRR	247	2.0	04- -1951	H,S	--	--	1,541
97N65W24DAAA	SDGS	112CHTU	270	--	07- -1965	U	--	--	1,515
97N65W25DDDD	SDGS	112PLSC	18	2.0	11-06-1989	--	--	--	1,488
97N65W26CBDD	Jones, Maynard	211CDLL	394	2.0	1958	H,S	--	--	1,538
97N65W26CCCC	SDGS	112TILL	95	--	07- -1965	U	--	--	1,546
97N65W26DDDC	SDGS	112PLSC	240	--	1965	U	--	--	1,507
97N65W27AAAA	Hakl, George	211CDLL	380	2.0	1930	H,S	--	--	1,610
97N65W28BBCC	SDGS	112TILL	60	--	1965	U	--	--	1,655
97N65W28DADD	Kniffen, Harold	211CDLL	487	2.0	--	H,S	--	--	1,619
97N65W29ADDA	Walker, Merlin	211CDLL	450	2.0	1905	H,S	--	--	1,650
97N65W29DDDDD	SDGS	112TILL	22	--	1965	U	--	--	1,580
97N65W30AAAA	SDGS	112GEDS	265	2.0	10-27-1977	--	--	--	1,570
97N65W30BAAB	SDGS	112TILL	100	--	1965	U	--	--	1,571
97N65W30BBBB	SDGS	112GEDS	200	--	07- -1965	U	--	--	1,578
97N65W30BBBC	SDGS	112TILL	95	--	07- -1965	U	--	--	1,575
97N65W30BCBB	SDGS	112PLSC	320	--	1965	U	--	--	1,570
97N65W30CDBD	Vesely, R.	211CDLL	409	--	--	H,S	--	--	1,548
97N65W31AAAA	Dvorak, Frank	211CDLL	390	3.0	1942	H,S	--	--	1,541
97N65W31DAAA	SDGS	112CHTU	280	--	1965	U	--	--	1,527
97N65W31DDDC	McBride, M.	112CHTU	260	--	--	S	--	--	1,539
97N65W32BBCC	Sprick, William	211CDLL	390	2.0	08- -1950	H	--	--	1,536
97N65W32BBCC2	Sprick, William	211CDLL	425	2.0	1935	H	--	--	1,536
97N65W32DDDA	Nelson, A.	112CHTU	180	--	--	H,S	--	--	1,470
97N65W33BCCC	Cihak, William	211CDLL	400	2.0	--	H,S	--	--	1,501
97N65W33BCCC2	SDGS	112TILL	220	--	07- -1965	U	--	--	1,498

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
97N65W33CDC	McBride Estate	112CHTU	258	2.5	08-19-1931	H,S	--	--	1,475
97N65W33CDCC	Engel, Herb	112PLSC	45	36.0	--	H,S	22	1967	1,469
97N65W34CB BB	Carda, E.	211CDLL	410	--	--	H	--	--	1,527
97N65W34CCCC	SDWR	112CHTU	160	1.25	08-17-1960	U	11	06-21-1967	1,475
97N65W35AAAA	SDWR	112CHTU	223	2.0	10-27-1977	U	--	--	1,510
97N65W35CDCD	SDGS	112TILL	100	--	1965	U	--	--	1,470
97N65W36ADDD	Maruska, Jesse	211CDLL	350	3.0	--	H,S	--	--	1,476
97N65W36CDDA	Krell, Theodore	112CHTU	174	3.0	1964	S	--	--	1,462
97N65W36DCDB	Krell, T.	112CHTU	185	--	05-18-1964	U	--	--	1,462
97N66W 2DDBB	Rokusek, Floyd	211CDLL	450	2.5	--	H,S	--	--	1,680
97N66W 3BDC	McFarland, Robert	211CDLL	460	3.0	10-10-1966	S,H	234	1966	1,589
97N66W 4CCCC	SDGS	112PLSC	245	--	05-28-1969	U	--	--	1,504
97N66W 4CDDDD	Barkley, Raymond	211CDLL	450	2.0	--	H,S	--	--	1,570
97N66W 5A	Huggins, Glen	112GEDS	210	--	02-18-1980	U	--	--	1,640
97N66W 5BBBB	Huggins, Glen	211CDLL	470	2.0	1936	H,S	--	--	1,578
97N66W 5D DDD	SDWR	112GEDS	225	2.0	05-15-1978	U	--	--	1,510
97N66W 6CAA	Masur, Ignatius	211CDLL	300	--	1900	H,S	--	--	1,610
97N66W 7B	Hermanek	211NBRR	210	--	--	U	--	--	1,575
97N66W 7BAAA	Steckley, William	211DKOT	822	5.0	1967	S	14	12- -1967	1,600
97N66W 7BAAA2	Steckley, William	211NBRR	210	2.0	1929	H	--	--	1,590
97N66W 7CCBC	Larson, Dale	211NBRR	220	2.0	1962	H,S	--	--	1,560
97N66W 8BAAA	SDGS	112PLSC	69	--	08-20-1969	U	--	--	1,530
97N66W 8BCCC	Schulte, Jim	211CDLL	400	3.0	1928	H,S	--	--	1,560
97N66W 8DCDD	SDGS	112PLSC	22	--	08-21-1969	U	9	1970	1,495
97N66W 9CCCC	SDGS	112PLSC	20	--	08-21-1969	U	--	--	1,498
97N66W10CBCB	Dolejsi, Joe	211CDLL	400	2.0	1926	H,S	--	--	1,555
97N66W10DBBB	Slaba, Eugene	211CDLL	430	2.0	--	H,S	--	--	1,602
97N66W11BBCC	Horst, Andrew	211CDLL	447	3.0	1938	H,S	--	--	1,638
97N66W12AABB	Hermanek, Joe	211CDLL	460	2.0	1953	H,S	--	--	1,630
97N66W13CBBC	SDGS	112TILL	125	--	07- -1965	U	--	--	1,630

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
97N66W14AADD	Johanneson, Sievert	211CDLL	477	2.0	1943	H	--	--	1,650
97N66W15ABCC	Hermanek, Frank	211CDLL	430	2.0	--	H,S	--	--	1,560
97N66W15CCCC	SDGS	112PLSC	260	--	05-29-1969	U	--	--	1,531
97N66W15DDDB	Horst, Ardell	112PLSC	280	2.0	06-24-1967	S	--	--	1,570
97N66W16ADDB	Gant, Mark	112GEDS	219	--	--	U	--	--	1,532
97N66W16CCCD	SDGS	112GEDS	225	2.0	10-26-1977	U	--	--	1,530
97N66W17A	Biddle, John	112GEDS	185	16.0	06-11-1981	--	122	06-24-1981	1,492
97N66W17A2	Biddle, John	112GEDS	185	4.0	02-07-1980	--	115	02-07-1980	1,492
97N66W17A3	Biddle, John	112GEDS	200	--	02-12-1980	U	--	--	1,492
97N66W17AA	Porter, Ray	112PLSC	26	3.0	02-07-1977	H	--	--	1,515
97N66W17ADAB	SDGS	112PLSC	44	--	08-21-1969	U	--	--	1,500
97N66W17ADAD	SDGS	112PLSC	44	--	08-21-1969	U	--	--	1,505
97N66W17CDDD	SDGS	112TILL	80	--	06-01-1969	U	--	--	1,510
97N66W18ABBB	Biddle, John	112TILL	32	36.0	1975	H,S	--	--	1,529
97N66W18ABBB2	Biddle, John	112TILL	28	24.0	--	U	--	--	1,529
97N66W19C	Biddel, John	112PLSC	117	--	02-05-1980	U	--	--	1,575
97N66W19D	Biddel, John	112PLSC	140	--	02-04-1980	U	--	--	1,475
97N66W19DADA	SDGS	--	34	--	08-21-1969	U	--	--	1,475
97N66W23BCCB	Lawyer, Elmer	112GEDS	280	2.0	--	H,S	--	--	1,562
97N66W23DDAA	Johanneson, Sievert	112GEDS	320	2.0	07-24-1963	S	--	--	1,580
97N66W24CCDD	Johanneson, Sievert	211CDLL	440	2.0	1946	S	--	--	1,575
97N66W25BABA	SDGS	112TILL	125	--	1965	U	--	--	1,579
97N66W25BADC	Jensen, Oscar	112PLSC	58	20.0	07-07-1964	S	--	--	1,581
97N66W26AABB	Soulek, Jack	211CDLL	350	--	--	H,S	--	--	1,588
97N66W26CDDD	Kadlec, James	211CDLL	420	3.0	1927	H,S	--	--	1,640
97N66W28DADD	Hazuka, Frank Sr.	211CDLL	400	2.5	--	H,S	--	--	1,595
97N66W30ADDD	SDGS	112PLSC	140	--	06-04-1970	U	--	--	1,526
97N66W30B	Johnson, Wally	112PLSC	120	--	02-06-1980	U	--	--	1,455
97N66W30BCB	Hochhalter, Adolph	211CDLL	290	2.0	1955	H,S	--	--	1,453
97N66W30BCB2	Hochhalter, Adolph	211DKOT	690	3.5	1955	S	--	--	1,453

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
97N66W30BCB3	Hochhalter, Adolph	112PLSC	12	24.0	1948	S	--	--	1,453
97N66W30BCBB	USGS	112PLSC	22	1.5	07-13-1967	U	7	07-13-1967	1,455
97N66W30BCCC	SDGS	112PLSC	54	--	08-21-1969	U	--	--	1,450
97N66W32ACCB	Creasey, Clifford	211CDLL	510	2.0	06-11-1964	S	--	--	1,650
97N66W33AAAA	SDGS	112TILL	155	--	07- -1965	U	--	--	1,650
97N66W34BCCC	Merkwan, Harlan	211CDLL	400	2.0	--	H,S	--	--	1,690
97N66W34DDDD	SDGS	112PLSC	140	--	1965	U	--	--	1,800
97N66W36AAAA	SDWR	112PLSC	275	--	10-25-1977	U	--	--	1,559
97N66W36BBAA	Martinez, Paul	211CDLL	420	2.0	1961	H,S	--	--	1,620
97N66W36BBBB	SDGS	112PLSC	90	--	07- -1965	U	--	--	1,625
97N67W 1AAAA	Steckley, Mike	211NBRR	445	2.0	1963	H,S	--	--	1,620
97N67W 1CDCD	Scott, L.	211CDLL	460	--	1925	S	--	--	1,590
97N67W 2CCCC	Scott, Lee	211CDLL	500	4.0	1954	H,S	--	--	1,662
97N67W 2DDDD	Miller, Lloyd	211CDLL	465	2.0	1929	H,S	--	--	1,597
97N67W 3AAAB	Gant, P.	211CDLL	450	2.5	1953	H	--	--	1,692
97N67W 3AAAB2	Gant, P.	211DKOT	1,000	4.0	1967	S	70	1968	1,692
97N67W 3DDDD	Dolejsi, James	211CDLL	500	2.0	1930	H,S	--	--	1,662
97N67W 4AAAA	SDGS	112TILL	170	--	06-03-1969	U	--	--	1,716
97N67W 4ABCC	Turnovec, Victor	112PLSC	70	22.0	--	S	--	--	1,725
97N67W 4DBBB	Turnovec, Victor	211CDLL	590	2.5	1939	H,S	--	--	1,703
97N67W 4DBBC	Turnovec, Victor	112TILL	18	22.0	1955	S	13	1955	1,700
97N67W 5ADDB	Mushitz, Romus	112PLSC	40	22.0	1964	S	--	--	1,719
97N67W 5BCC	Steckley, Dave	211DKOT	1,100	4.0	1962	H,S	160	1962	1,740
97N67W 5BCC2	Steckley, Dave	112TILL	58	30.0	1948	U	20	1968	1,728
97N67W 6AAAA	Dall, William	112TILL	60	18.0	1945	H,S	--	--	1,729
97N67W 6AADB	Dall, William	112TILL	60	18.0	1954	S	--	--	1,727
97N67W 6BAD	City of Geddes	211CDLL	475	6.0	1944	P	--	--	1,608
97N67W 6BAD2	City of Geddes	211CDLL	472	6.0	1955	P	--	--	1,608
97N67W 6DBB	Kubal, L.	211DKOT	1,060	4.0	01-02-1961	S	--	--	1,740
97N67W 7BDA	Sip, Emil	211DKOT	1,015	3.0	1930	S	115	1961	1,767

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
97N67W 8AAAC	Steckley, Adolph	211CDLL	649	3.0	1930	H,S	--	--	1,735
97N67W 9ADD	Billings, Floyd	211CDLL	380	4.0	--	S	--	--	1,715
97N67W 9CDBD	Pavlis, Emil	211PIRR	40	24.0	1963	S	10	1967	1,685
97N67W10BDDB	Jan, Joe	211CDLL	400	--	1925	H,S	--	--	1,702
97N67W11DAAA	Bartekoske, Allen	211NBRR	365	3.0	1950	H,S	--	--	1,589
97N67W12DDDD	SDGS	112TILL	80	--	06-03-1969	U	--	--	1,575
97N67W13ACAB	Millar, Kenneth	211NBRR	400	2.0	1962	H,S	--	--	1,572
97N67W15DCA	Pavlis, Duane	211CDLL	424	3.0	1944	H,S	--	--	1,575
97N67W17AADD	Mushitz, Romus	211CDLL	400	--	1920	H	--	--	1,710
97N67W17ADAD	Mushitz, Romus	112TILL	35	22.0	1964	S	--	--	1,700
97N67W17BDBD	Mushitz, Romus	211DKOT	1,155	4.0	06-27-1963	S	--	--	1,725
97N67W18ABBB	Sip, Anton	211CDLL	616	2.0	1947	H,S	--	--	1,722
97N67W19ACC	Keegel, John	211DKOT	800	3.0	1960	S	--	--	1,650
97N67W21AAAA	--	211DKOT	907	--	03-28-1896	--	--	--	1,590
97N67W21DAB	Arshem, James	112TILL	17	36.0	1920	H	--	--	1,595
97N67W21DAB2	Arshem, James	112TILL	17	24.0	1965	S	3	1968	1,595
97N67W22CDCC	Smith, Oliver	211CDLL	425	2.0	--	H,S	--	--	1,560
97N67W22DCC	Teply, Marie	211DKOT	888	3.0	05-09-1925	S	--	--	1,555
97N67W23ADDB	Funke, Albert	211CDLL	425	2.5	1915	H,S	--	--	1,546
97N67W24DCCA	Funke, Albert	211DKOT	930	2.5	1960	S	--	--	1,480
97N67W25AADC	USCE	211CDLL	333	4.0	05- -1952	U	55	05- -1952	1,450
97N67W25ADAA	SDGFP	112PLSC	20	4.0	--	U	6	05-10-1967	1,445
97N67W25DCCC	SDGS	112PLSC	29	--	08-21-1969	U	--	--	1,459
97N67W27ABAB	Teply, Louis	211DKOT	900	3.0	1965	H,S	--	--	1,559
97N67W33BDCA	Pavlis, John	211DKOT	862	2.5	11-05-1962	S	--	--	1,600
97N67W33CADB	Steckley, Philip	211DKOT	820	3.0	06-08-1965	S	--	--	1,520
97N67W34CBBD	Funke, A. & U.	211DKOT	789	2.5	09-19-1961	S	--	--	1,700
97N67W35AAAA	USGS	112TILL	67	--	07-12-1968	U	--	--	1,506
97N67W35DDDD	SDGS	112PLSC	80	--	06-09-1970	U	--	--	1,450
97N67W36ACCD	Morgan, Russell	211CDLL	300	--	1955	H,S	--	--	1,475

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
97N68W 1AAAA	SDGS	112PLSC	245	--	06-03-1969	U	--	--	1,768
97N68W 5BABBB	U.S. Government	211DKOT	650	--	1890	S	--	--	1,350
97N68W12ABAC	Vraspir, Frank	112PLSC	27	24.0	1961	H,S	10	1969	1,755
97N68W12CB	Hufsmith, Violet	112PLSC	41	34.0	05-08-1980	S	--	--	1,770
97N68W25BBDD	DeHaan Livestock	211DKOT	840	2.0	1952	S	--	--	1,600
97N68W35DDCD	SDGS	112PLSC	64	--	08-19-1969	U	--	--	1,450
97N68W36DCCD	DeHaan, Lyle	211DKOT	870	2.0	1965	S	--	--	1,435
97N68W36DCDC	SDGS	112PLSC	56	--	08-19-1969	U	--	--	1,405
98N63W31DDDD	SDWR	112CHTU	225	--	05-16-1978	U	--	--	1,461
98N63W32CCCC	BR	112PLSC	20	--	10- -1951	U	9	10-17-1951	1,458
98N64W19BCBB	Mills, Leonard	211CDLL	360	2.0	1920	H,S	--	--	1,600
98N64W19CDBC	Mills, Richard	211CDLL	383	2.0	07- -1950	H,S	--	--	1,590
98N64W19DDDD	SDGS	112PLSC	155	--	05-19-1969	U	--	--	1,587
98N64W21DDDB	Holbeck, Leo	211CDLL	350	2.0	1949	H,S	--	--	1,489
98N64W21DDDB2	Holbeck, Leo	211NBRR	200	2.0	1930	S	--	--	1,489
98N64W25CCCC	USGS	112TILL	97	--	08-25-1966	U	--	--	1,570
98N64W27CCDC	SDGS	112PLSC	25	--	08-26-1969	U	10	08-26-1969	1,455
98N64W29BAAA	Hochhalter, Theodore	211CDLL	380	2.0	1900	H,S	--	--	1,550
98N64W30BAAA	Meyer, Johnnie	211CDLL	400	2.0	1910	H,S	--	--	1,591
98N64W31BABB	Dierks, Lyle	211CDLL	400	2.0	--	H,S	--	--	1,579
98N64W31CACC	Hebbin Bros.	211NBRR	235	2.0	04- -1951	S	--	--	1,570
98N64W31DCDD	Miller, Larry	211NBRR	220	--	1900	H,S	--	--	1,550
98N64W32DCDD	Shortreed Bros.	211NBRR	200	2.0	1934	H,S	--	--	1,508
98N64W34AAAA	Farke, Leonard	211CDLL	350	2.0	1929	H,S	--	--	1,505
98N64W34BAA	Conzemius, Anthony	211CDLL	340	--	1963	H	--	--	1,495
98N64W34BBBB	USGS	112TILL	47	--	08-26-1966	U	--	--	1,463
98N64W35ABBD	Farke, Joe	211CDLL	350	2.0	1964	H,S	--	--	1,510
98N64W35BBCC	Harrington, Harrold	211CDLL	350	2.0	1929	H,S	--	--	1,520
98N64W35DCDB	Mc Grath, Gerald	211CDLL	290	2.0	1936	H,S	--	--	1,500
98N64W36CCBB	Hawley, Cecil	211CDLL	300	3.0	1958	H,S	--	--	1,475

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
98N65W13CCAA	Gale, Kenneth	211CDLL	400	4.0	1919	H,S	--	--	1,610
98N65W13CCAA2	Gale, Kenneth	211CDLL	400	4.0	--	S	--	--	1,610
98N65W14AAACC	Vanderveen, Pierre	211CDLL	450	4.0	--	H,S	--	--	1,615
98N65W17CCDD	Cahoy, Henery	211CDLL	500	4.0	--	H,S	--	--	1,650
98N65W18ADAA	Kriz, Frank	211CDLL	500	3.0	--	H,S	--	--	1,670
98N65W18DCAA	Bouza, Gondeu	211CDLL	498	3.0	1903	H,S	--	--	1,680
98N65W19BDBB	Kriz, Emil	211CDLL	498	3.0	07-10-1959	H,S	--	--	1,665
98N65W19CCCC	SDGS	112PLSC	275	--	05-23-1969	U	--	--	1,649
98N65W19DCDD	Bucholz, Robert	211CDLL	500	3.0	--	H	--	--	1,675
98N65W21BBBB	Rada, Frank	211CDLL	500	2.0	1942	H,S	--	--	1,662
98N65W21DADD	Rada, Lewis	211CDLL	400	2.0	--	H,S	--	--	1,625
98N65W22AAAA	SDGS	112PLSC	275	--	05-19-1969	U	--	--	1,624
98N65W22DADD	Kirchhevel, Gerhardt	211CDLL	440	2.0	--	H,S	--	--	1,630
98N65W24BAAA2	Meyer, Ramey	211CDLL	400	2.0	--	H,S	--	--	1,615
98N65W25BAAA	Lancrain, William	211CDLL	300	2.0	--	H,S	--	--	1,614
98N65W26DDDD	Carda, Leo	211CDLL	400	3.0	1912	H,S	240	1967	1,592
98N65W26DDDD2	SDGS	112PLSC	290	--	05-22-1969	U	--	--	1,598
98N65W28DDDD	SDGS	112PLSC	350	--	05-22-1969	U	--	--	1,637
98N65W29DDDD	USGS	112TILL	102	--	08-26-1966	U	--	--	1,643
98N65W30ADCC	Slaba, Charles	211CDLL	500	3.0	--	H,S	--	--	1,650
98N65W33BCAA	Bultje, James	211DKOT	900	2.0	--	U	50	09-11-1969	1,640
98N65W33BCAA2	Bultje, James	211CDLL	570	--	08-05-1968	U	--	--	1,640
98N65W33BCAA3	Bultje, James	211CDLL	535	4.0	08- -1968	H,S	180	08- -1968	1,640
98N65W33DCCC	Novotny, Charles	211CDLL	421	2.0	1928	H,S	--	--	1,630
98N65W35CC	Tapper, H. & M.	--	480	3.0	07-03-1985	S	215	07-05-1985	1,412
98N65W35CCDD	Tapper, Herman	211CDLL	450	2.0	1897	H,S	--	--	1,600
98N65W36AAAA	USGS	112TILL	102	--	08-26-1966	U	--	--	1,589
98N66W 1BDD	Kolecka, John	211CDLL	500	1.0	1940	H,S	--	--	1,650
98N66W 1DCCC	Kolecka, Frank	211CDLL	505	2.0	1943	H,S	220	1967	1,634
98N66W 3ADDD	Lapour, Henry	211CDLL	450	3.0	1950	H,S	--	--	1,625

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
98N66W 4BCBB	Nesladek, Oscar	211CDLL	450	2.0	--	H,S	--	--	1,595
98N66W 4C	Verileck, Elvern	112PLSC	200	--	02-02-1980	U	--	--	1,600
98N66W 4DADD	SDGS	112PLSC	285	--	09-29-1969	U	--	--	1,610
98N66W 6BBBB	SDGS	112PLSC	290	--	10-07-1968	U	--	--	1,625
98N66W 7AABB	Pavlis, H.	112PLSC	80	--	04-04-1966	U	--	--	1,580
98N66W 7AACC	Pavlis, H.	112PLSC	145	--	04-04-1966	U	--	--	1,585
98N66W 7AACC2	Pavlis, H.	112PLSC	80	--	04-04-1966	U	--	--	1,585
98N66W 8CBCA	Pavlis, Harold	211CDLL	420	2.0	1951	H,S	--	--	1,573
98N66W 8CBDB	Pavlis, Harold	112PLSC	276	3.0	03- -1968	H,S	--	--	1,579
98N66W 9BBBB	Westendorf, Eugene	211CDLL	427	2.0	1938	H,S	--	--	1,614
98N66W10ADAD	Wojciechowski, Paul	211CDLL	450	2.5	--	H,S	--	--	1,625
98N66W13BBBB	SDGS	112PLSC	275	--	09-25-1969	U	--	--	1,627
98N66W13BBDD	Raysby, N.	211NBRR	225	3.0	--	H,S	--	--	1,635
98N66W13CBAA	Cahoy, Leo	211CDLL	500	1.25	--	H,S	--	--	1,630
98N66W16ADDD	Shortreed, Lyle	211NBRR	300	2.0	1949	H,S	--	--	1,605
98N66W17BBBB	Pavlis, H..	112PLSC	120	--	04-04-1966	U	--	--	1,569
98N66W19AAAD	Kortan, Tony	211CDLL	425	2.0	1954	H,S	--	--	1,550
98N66W19BBAB	SDGS	112PLSC	200	--	09-26-1969	U	--	--	1,595
98N66W19BBBB	SDGS	112PLSC	105	--	09-26-1969	U	--	--	1,584
98N66W19CCD	Huggins, Glen	211CDLL	400	--	--	H,S	--	--	1,597
98N66W21AAAA	SDGS	112PLSC	290	--	05-27-1969	U	--	--	1,593
98N66W23BBAA	Cahoy, Frank	211NBRR	300	3.0	1940	H,S	54	1967	1,620
98N66W23DDDD	Dufraim, Adolph	211CDLL	500	2.0	--	H,S	--	--	1,636
98N66W24CCDD	Dvorak, Paul	211CDLL	500	1.25	--	H,S	--	--	1,640
98N66W25ABBB	Bouza, Arlen	211CDLL	440	2.0	--	H,S	--	--	1,643
98N66W25CCDD	Faughender, Clifford	211CDLL	500	2.0	--	H,S	--	--	1,641
98N66W26CCCC	USGS	112TILL	82	--	08-29-1966	U	--	--	1,632
98N66W27CDCC	Cerney, Ray	211CDLL	400	3.0	1941	H,S	--	--	1,615
98N66W28CBAA	Billings, Floyd	211CDLL	410	3.0	1938	H,S	--	--	1,555
98N66W30BBCC	Ament, Alfred	211CDLL	400	2.0	1932	H,S	--	--	1,600

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
98N66W31CCCC	SDGS	112TLL	125	--	06-03-1969	U	--	--	1,618
98N66W31DCCC	Roinstad, Andrew	211CDLL	433	2.0	1951	H,S	--	--	1,599
98N66W33BCBB	Fijala, William	211CDLL	350	4.0	1952	H,S	--	--	1,530
98N66W33C	Schulte, Jim	112PLSC	260	--	02-20-1980	U	--	--	1,550
98N66W33DCCC	Kortan, John	211CDLL	350	4.0	1917	H,S	--	--	1,575
98N66W34BBBB	SDGS	112PLSC	320	--	05-28-1969	U	--	--	1,602
98N66W35BCCC	Nelson, Fred	211NBRR	400	3.0	--	H,S	--	--	1,639
98N66W36CCCC	SDGS	112PLSC	170	--	09-25-1969	U	--	--	1,655
98N67W 1AAAA	Beukelman, Arie	211CDLL	450	1.0	--	H,S	--	--	1,629
98N67W 3CCCB	Rommen, Ed	211DKOT	772	3.0	1962	H,S	--	--	1,621
98N67W 3CCCC	SDGS	112PLSC	320	--	06-04-1969	U	--	--	1,622
98N67W 6BBCC	Hanten, Bernard	112PLSC	20	--	1894	H	--	--	1,625
98N67W 6BBCC2	Hanten, Bernard	112PLSC	300	3.0	1964	S	--	--	1,625
98N67W 6BBCC3	Hanten, Bernard	112PLSC	56	24.0	1963	S	--	--	1,625
98N67W 6BCB	Hanten, Bernard	211DKOT	900	--	1890	U	--	--	1,623
98N67W 6CAC	Hanten, Bernard	112PLSC	300	--	1916	U	--	--	1,630
98N67W 7AAAA	Warejcka, Joseph	211CDLL	538	3.0	1931	H,S	--	--	1,629
98N67W 7CDDD	Keegel, John	211DKOT	1,100	5.0	1957	H,S	75	1968	1,657
98N67W 8CCCC	SDGS	112PLSC	215	--	06-04-1969	U	--	--	1,669
98N67W 9CCCC	Dyk, Sherman	211DKOT	940	4.0	1960	H,S	60	1968	1,641
98N67W 9DDDB	Rommen, James	112PLSC	320	3.0	08-27-1986	S	130 P	08-27-1986	1,678
98N67W 9DDDC	Rommen, James	112PLSC	300	3.0	1962	S	--	--	1,630
98N67W10CABB	Warejcka, Arthur	211DKOT	940	2.5	1959	H	47	10-04-1968	1,600
98N67W11AAAA	Schulte, Lawrence	112PLSC	20	24.0	1954	S	12	1968	1,587
98N67W11BBBB	Schulte, Lawrence	211CDLL	580	2.0	1924	H,S	--	--	1,607
98N67W12BBBB	Holland, Emer	211CDLL	450	2.0	1943	H,S	--	--	1,585
98N67W15AAD	Warejcka, Arthur	211DKOT	930	3.0	1927	S	30	1968	1,600
98N67W16DDDD	SDGS	112PLSC	230	--	06-04-1969	U	--	--	1,623
98N67W17BAD	Van Vuuren, Arie	211DKOT	1,005	3.0	06-17-1976	H	84	06-17-1976	1,670
98N67W17BBBB	Van Vuuren, Arie	211DKOT	1,000	--	1918	H,S	70	1968	1,667

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
98N67W18BADA	Keegel, Eugene	211DKOT	1,000	4.0	1951	H,S	85	1968	1,660
98N67W19CCCD	DeHaan, Andy	211DKOT	870	5.0	1965	H,S	100	1968	1,714
98N67W19CD	DeHaan Livestock Co.	211DKOT	1,060	5.0	05-18-1973	H	160	05-18-1973	1,710
98N67W20ADCB	Ludens	211DKOT	1,000	2.0	1938	U	120	1968	1,678
98N67W21AAAA	Petri, Edward	211DKOT	1,006	4.0	1963	H,S	40	1968	1,626
98N67W21DAD	Pavel, James	211DKOT	1,000	4.0	1968	H,S	--	--	1,630
98N67W22DDDD	Floreys, John	211DKOT	960	3.0	1953	H,S	40	1968	1,623
98N67W24ABBB	Pavel, Charles	211CDLL	450	1.0	--	H,S	--	--	1,595
98N67W25BABB	Varuska, James	211CDLL	450	2.0	1945	H,S	--	--	1,615
98N67W26AAB	Pederson, Emma	211CDLL	450	--	1940	H,S	--	--	1,625
98N67W27CDDD	Cable, Leroy	211CDLL	392	--	1952	H,S	--	--	1,678
98N67W31CDC	Kubal, Phillip	211DKOT	1,050	--	1961	H,S	--	--	1,745
98N67W32AAAA	Ludens, Peter	211CDLL	570	3.5	1953	H,S	--	--	1,681
98N67W32AAAD	Bartekoske, Joe	211CDLL	462	3.0	1925	H,S	--	--	1,683
98N67W32ABBA	USGS	112TILL	117	--	08-30-1966	U	--	--	1,684
98N67W32DDDD	McConnell, Jay	112PLSC	36	24.0	1964	H,S	15	1968	1,711
98N67W33CCAA	Ludens, Peter	211CDLL	570	--	1933	H,S	--	--	1,710
98N67W35CCCC	Gant, Pat	211CDLL	450	4.0	1966	H,S	--	--	1,692
98N67W36AABA	USGS	112TILL	107	--	08-29-1966	U	--	--	1,612
98N67W36CDAD	Miller, Lloyd	211CDLL	460	2.0	1929	S	--	--	1,625
98N68W 3AAAA	SDGS	112PLSC	305	--	06-05-1969	U	--	--	1,610
98N68W 4AB	Dyk, Kenneth	211DKOT	900	3.0	06-07-1973	H	49	06-07-1973	1,605
98N68W 4BBBB	SDGS	112TILL	155	--	06-10-1970	U	--	--	1,578
98N68W 4CDD	Holter, Royal	211DKOT	1,050	2.0	1951	S	--	--	1,660
98N68W 6DADC	Dyk, George	211DKOT	960	3.5	1958	H,S	60	1958	1,630
98N68W 7BDAC	Dyk, Clyde	211DKOT	1,125	3.0	1965	H,S	--	--	1,668
98N68W 8BCB	Dyk, Henry	211DKOT	960	3.0	1948	H,S	--	--	1,664
98N68W 9BBA	Holter, Royal	211DKOT	915	3.0	1934	H,S	100	1969	1,660
98N68W 9CDDD	Rasmussen, Floyd	112TILL	74	22.0	1951	S	20	1969	1,750
98N68W12CCDD	Degroot, Thomas	211DKOT	860	4.0	1966	H,S	80	1966	1,662

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
98N68W13ABAA	Jongsma, Andrew	211DKOT	890	4.0	1964	H,S	126	1964	1,700
98N68W14ADBD	DeHaan, Ken	211DKOT	1,000	2.0	1934	H,S	180	1968	1,710
98N68W14BAA	Holter, Ella	112TILL	22	--	1947	S	--	--	1,750
98N68W14DDDD	SDGS	112TILL	149	--	08-26-1969	U	--	--	1,747
98N68W18DDAA	Franssens, Dale	211DKOT	850	2.0	1943	H,S	100	1943	1,740
98N68W19ACDD	Holter, Kenneth	211DKOT	1,100	3.0	1948	H,S	180	1969	1,700
98N68W21	Bailey, Edgar	211DKOT	820	3.0	09-25-1967	--	--	--	1,700
98N68W21BCBB	Franssens, Floyd	211DKOT	1,250	4.0	1960	S	180	1960	1,780
98N68W24ADD	Meyer, John	211DKOT	1,084	2.0	1965	H,S	--	--	1,719
98N68W24BBCD	Bultsma, Edwin	211DKOT	1,200	4.0	1942	H,S	--	--	1,746
98N68W26BABB	Hugg, George	112PLSC	73	18.0	1908	H,S	25	1969	1,790
98N68W27AAA	Nelson, L.	211DKOT	1,180	5.0	02-08-1966	S	--	--	1,802
98N68W27CCAB	Vanderpol, Don	112TILL	50	24.0	--	H,S	--	--	1,920
98N68W29DDB	Franssens, Floyd	211DKOT	650	2.0	1941	S	--	--	1,600
98N68W31DDDA	USCE	211DKOT	640	2.0	1904	S	+2.2	1956	1,369
98N68W32ACC	Hoeksma, Jim	211DKOT	900	2.0	09-26-1980	H,S	--	--	1,560
98N68W33	Franssens, Floyd	211DKOT	920	2.0	08-28-1982	H,S	--	--	1,500
98N68W33AAD	Holter, Oscar	211DKOT	806	2.0	1933	H,S	--	--	1,825
98N68W33ACCC	DeHaan Livestock	211DKOT	800	3.0	1945	S	--	--	1,520
98N68W34BBB	DeHaan Livestock	211DKOT	1,100	2.0	1939	S	--	--	1,960
98N68W34CCA	DeHaan Livestock	211DKOT	665	2.0	1937	S	--	--	1,490
98N68W35BBBB	USGS	112TILL	97	--	08-30-1966	U	--	--	1,834
98N69W 1ACA	Buitenbos, John Jr.	211DKOT	585	2.0	1943	H,S	--	--	1,440
98N69W 1BC	Buitenbos, John	211DKOT	852	5.0	04-15-1976	H	--	--	1,405
98N69W 4BAAA	Wynia, Virgil	211DKOT	1,128	--	1960	H,S	--	--	1,662
98N69W 5CCCC	SDGS	112PLSC	14	--	08-15-1969	U	--	--	1,515
98N69W 7BA	U.S. Government	211DKOT	700	3.0	--	S	--	--	1,360
98N69W 8BDDC	SDGS	112PLSC	24	--	08-15-1969	U	--	--	1,570
98N69W10ACBB	Wynia, Clarence	211DKOT	700	8.0	--	U	--	--	1,425
98N69W10ACBB2	Wynia, Clarence	211DKOT	738	3.5	07-01-1949	H,S	--	--	1,425

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
98N69W11DBBC	Gray, R.	211DKOT	748	3.0	10-02-1961	S	--	--	1,600
98N69W13BBBC	Franssens, Raymond	112PLSC	30	24.0	1961	S	--	--	1,560
98N69W14AAAC	Franssens, Raymond	112PLSC	60	24.0	1961	S	--	--	1,555
98N69W14BCC	Wynia, Clarence	211DKOT	635	3.0	1949	S	--	--	1,450
98N69W14DCAA	Koopal, John	211DKOT	1,280	4.0	1963	H,S	35	09- -1963	1,400
98N69W17DB	USCE	211DKOT	644	--	1900	U	--	--	1,375
98N69W22CADA	Tucker, Maynard	211DKOT	1,135	3.0	1954	H,S	--	--	1,580
98N69W23AABB	Boltjes, Clarence	112TILL	40	24.0	1961	H,S	15	1969	1,640
98N69W23AABB2	Boltjes, Clarence	112TILL	14	36.0	1961	S	14	1969	1,640
98N69W23CAB	Wynia, Harlo	211DKOT	1,100	--	1966	S	--	--	1,594
98N69W24AAA	Koster, Everett	112TILL	50	24.0	1910	S	25	1969	1,729
98N69W25BDDDD	Bultsma, Nick	211DKOT	900	4.0	1948	H,S	+1	06- -1956	1,581
98N69W25CBCB	SDGS	112PLSC	57	--	08-20-1969	U	--	--	1,580
98N69W26AC	Yeager, Don	211DKOT	915	2.0	05-14-1985	S	--	--	1,430
98N69W26DDAD	Arshem, Harold	211DKOT	960	8.0	--	I,S	--	--	1,550
98N69W26DDDD	USGS	112TILL	87	--	08-30-1966	U	--	--	1,480
98N69W35ABBD	Arshem, Harold	211DKOT	960	2.0	--	U	--	--	1,450
98N69W35BAAA	Arshem, Harold	211DKOT	600	3.0	10-05-1987	--	--	--	1,440
98N69W35BAAA2	Arshem, Harold	211DKOT	690	5.0	10-07-1987	S	--	--	1,440
98N69W36BCCC	SDGS	112PLSC	39	--	08-20-1969	U	--	--	1,430
98N69W36BDDDD	SDGS	112PLSC	26	--	08-20-1969	U	--	--	1,435
99N66W27CCCC	SDGS	112PLSC	245	--	10-08-1968	U	--	--	1,609
99N66W30BAAC	Plooster, Gerrit	211CDLL	350	2.0	1933	H,S	--	--	1,605
99N66W31BBBC	Jongejeugd, Donald	211CDLL	400	--	1950	H,S	--	--	1,640
99N66W32	Schulte, Frank	112PLSC	200	--	02-13-1980	U	--	--	1,600
99N66W32AAAA	Standy, Joseph	211CDLL	400	2.0	--	H,S	--	--	1,603
99N67W 1AAAA	SDGS	211CDLL	380	--	05-13-1968	U	--	--	1,590
99N67W 3DA	Ells, Steve	211DKOT	900	3.0	09-26-1978	H,S	45	09-26-1978	1,540
99N67W 3DADD	Ells, Stowe	211DKOT	980	3.0	1956	S	--	--	1,600
99N67W 4AADC	Dertien, Emmo	211DKOT	860	4.0	1962	H,S	40	1962	1,601

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
99N67W 5DCCC	Vischer, Hans	211DKOT	875	4.0	1966	H,S	50	1968	1,618
99N67W 6ACB	League, Lyle	211DKOT	739	3.0	09-24-1952	S	--	--	1,598
99N67W 7CBC	Ringling, Henry	211DKOT	777	3.0	1924	S	--	--	1,619
99N67W 8DAA	Dykstra, Dick	211DKOT	850	3.25	1945	S	80	1968	1,633
99N67W11CAAA	Beck, George	211CDLL	480	--	1957	H,S	--	--	1,611
99N67W12DCAA	Hansum, Marion	211CDLL	250	2.0	--	H,S	--	--	1,585
99N67W13AAA	Hansum, Marion	211DKOT	855	--	03-20-1901	U	--	--	1,592
99N67W13BBBA	Hansum, Adrian	211CDLL	300	2.0	1918	H,S	--	--	1,615
99N67W15BBD	Christiansen, M.	211DKOT	820	4.0	1956	S	--	--	1,638
99N67W15DCBC	Lien, Norman	211CDLL	504	4.5	1961	H,S	--	--	1,645
99N67W15DCBC2	Lien, N.	211DKOT	990	5.0	1914	U	--	--	1,645
99N67W17ADAD	Den Besten, Case	211DKOT	900	3.0	1966	S	75	1968	1,646
99N67W18ADDD	Pheifer, Kars	211DKOT	900	3.0	--	H,S	100	1968	1,644
99N67W18CCCC	Schulz, Chester	211DKOT	900	4.0	1918	S	126	1968	1,636
99N67W18DCC	Walters, A.	211DKOT	960	4.0	06-26-1967	S	75	06-26-1967	1,640
99N67W19DCAC	Kuipers, Albert	211DKOT	850	--	1915	H,S	--	--	1,663
99N67W21AAAA	Darlington Twp	211DKOT	907	8.0	03-28-1896	U	--	--	1,648
99N67W21AAAA2	SDGS	112PLSC	95	--	09-10-1968	U	--	--	1,648
99N67W21BBAA	Beuzekom, Bert	211DKOT	950	3.0	1956	H,S	100	1968	1,659
99N67W23CCCC	Lundberg, Harry	211CDLL	500	--	1930	H,S	--	--	1,666
99N67W23DDD	Morken, Oscar	211DKOT	850	--	1906	--	100	1967	1,658
99N67W24AAAA	SDGS	112PLSC	290	--	09-10-1968	U	--	--	1,598
99N67W25DDDD	Srstka, James	211CDLL	490	2.5	1946	H,S	--	--	1,644
99N67W26BCBB	Meyerink, Harold	211CDLL	510	3.0	1951	H,S	--	--	1,667
99N67W27CBBB	Meyerink, Merle	211CDLL	580	4.0	1966	H,S	--	--	1,651
99N67W29ADDD	Vandenbos, Henry	211DKOT	700	1.25	1903	H,S	--	--	1,659
99N67W30BCBD	Vandenbos, John	211DKOT	900	2.0	1954	H,S	--	--	1,668
99N67W31BAAA	DeJong, Herman	211DKOT	936	3.0	1951	H,S	--	--	1,665
99N67W31CCDA	Westerhuis, G.	211DKOT	900	4.0	1935	S	--	--	1,620
99N67W31DDDD	SDGS	112PLSC	320	--	06-04-1969	U	--	--	1,631

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
99N67W32BCBB	Vischer, William	211DKOT	960	3.0	1927	H,S	60	1962	1,650
99N67W32CCBC	Vischer, William	211CDLL	450	--	--	H,S	--	--	1,619
99N67W34CCCCD	Meyerink, Gerrard	211DKOT	850	3.0	1944	H,S	40	1965	1,643
99N67W35AADC	Remme, Odean	211CDLL	498	--	1950	H,S	--	--	1,660
99N67W36AAAA	Srstka, James	211CDLL	480	2.5	1942	S	--	--	1,644
99N68W 1BCCB	SDGS	112PLSC	245	--	09-18-1968	U	--	--	1,551
99N68W 1DDCB	League, Lyle	211DKOT	780	--	1935	H,S	--	--	1,597
99N68W 2BACC	Koopal, Martin Sr.	211DKOT	950	3.0	1924	H,S	--	--	1,494
99N68W 3ADD	Kuipers, Lloyd	211DKOT	950	3.0	1953	H,S	--	--	1,495
99N68W 3CCDC	SDGS	112PLSC	95	--	09-18-1969	U	--	--	1,485
99N68W 3DDDD	SDGS	112PLSC	34	--	08-18-1969	U	19	08-18-1969	1,489
99N68W 4CBC	Kuipers, Gerald	211DKOT	800	3.0	--	H,S	--	--	1,620
99N68W 4DDA	Kuipers, Gerald	211DKOT	800	3.0	1910	S	--	--	1,525
99N68W 5AAD	Summerville, Goldie	211DKOT	750	--	--	H	--	--	1,635
99N68W 5DCD	Summerville, Elder	211DKOT	850	--	--	H,S	--	--	1,637
99N68W 6BBBB	SDGS	112PLSC	50	--	09-16-1968	U	--	--	1,615
99N68W 7DA	Johnson, Dalles	112PLSC	23	34.0	08-10-1979	S	11	08-10-1979	1,626
99N68W 9AAB	Kuipers, John	211DKOT	740	--	1928	S	--	--	1,530
99N68W 9DC	McLinn, Orin	211DKOT	780	3.0	10- -1978	S,H	--	--	1,680
99N68W10ADB	Christiansen, D.	211DKOT	900	--	1938	U	--	--	1,510
99N68W10DB	VanZee, Andy	211DKOT	834	5.0	05-25-1973	H	F	05-25-1973	1,555
99N68W11ADDD	Bakken, J.	211DKOT	800	3.0	1933	U	--	--	1,575
99N68W11ADDD2	Bakken, Jake	211DKOT	875	4.0	1965	H,S	2	10-02-1968	1,575
99N68W12BCC	Ringling, H.	211DKOT	880	--	05-29-1967	S	7	05-29-1967	1,570
99N68W12DDCC	DeLange, Henry	211DKOT	450	3.0	1966	H,S	--	--	1,617
99N68W13BDD	Christiansen, Dewey	211DKOT	900	4.0	--	U	60	03-07-1968	1,612
99N68W13CBBA	City of Platte	211DKOT	838	8.0	1936	P	20	1968	1,608
99N68W13CCBB	SDGS	112TILL	20	--	06-15-1983	U	--	--	1,599
99N68W13CCBB2	SDGS	112PLSC	20	2.0	06-16-1983	U	--	--	1,598
99N68W13CCBB3	SDGS	112PLSC	40	2.0	06-16-1983	U	--	--	1,599

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
99N68W13CCCA	City of Platte	211CDLL	455	6.0	1917	P	--	--	1,610
99N68W13CCCA2	City of Platte	211DKOT	948	10.0	09-22-1955	P	20	08-23-1961	1,611
99N68W13CCCB	SDGS	112PLSC	20	2.0	06-15-1983	U	--	--	1,607
99N68W13CCCC	SDGS	112PLSC	20	2.0	06-16-1983	U	--	--	1,612
99N68W13CCCC2	SDGS	112PLSC	18	2.0	07-06-1983	U	--	--	1,608
99N68W13DDDD	SDGS	112TILL	95	--	09-17-1968	U	--	--	1,631
99N68W14BBBB	SDGS	112PLSC	245	--	06-09-1970	U	--	--	1,572
99N68W14DADD	SDGS	112PLSC	20	2.0	06-16-1983	U	--	--	1,598
99N68W14DDAA	SDGS	112PLSC	40	2.0	06-15-1983	U	--	--	1,597
99N68W14DDAA2	SDGS	112PLSC	20	2.0	06-15-1983	U	--	--	1,597
99N68W14DDAC	SDGS	112PLSC	20	2.0	06-16-1983	U	--	--	1,598
99N68W14DDAD	SDGS	112PLSC	20	2.0	06-15-1983	U	--	--	1,599
99N68W14DDAD2	SDGS	112PLSC	20	2.0	06-16-1983	U	--	--	1,598
99N68W15BCC	Hegg, Almer	211DKOT	615	3.0	1953	H,S	--	--	1,492
99N68W16CBAC	Buitenbos, John	211DKOT	840	3.0	08-21-1963	S	--	--	1,540
99N68W17AAD	Buitenbos, Henry	211DKOT	750	2.0	1925	H,S	60	1968	1,580
99N68W18ADD	Mason, D.	211DKOT	905	5.0	10-24-1967	S	30	10-24-1967	1,612
99N68W18CC	Mason, C.	211DKOT	890	4.0	11-03-1966	S	--	--	1,588
99N68W18CCBD	Mason, O.	211DKOT	850	2.0	1932	S	--	--	1,590
99N68W19BBCB	Mason, O.	211DKOT	840	2.0	1954	I,S	--	--	1,565
99N68W19DDDD	Dyk, Harm	211DKOT	636	3.0	10- -1950	S	--	--	1,449
99N68W20AADD	SDGS	112PLSC	49	--	08-18-1969	U	--	--	1,470
99N68W20DBBB	Vanderheiden, Eugene	211DKOT	780	3.0	07-14-1961	S	--	--	1,550
99N68W21ADD	Cole, Myron	211DKOT	815	4.0	1963	H,S	--	--	1,510
99N68W21CCCC	SDGS	112PLSC	110	--	06-09-1970	U	--	--	1,512
99N68W21DDB	Schutte, Fred	211DKOT	800	--	1927	S	--	--	1,540
99N68W22BCC	Cole, Myron	211DKOT	825	4.0	06- -1963	S	--	--	1,500
99N68W22CCD	Fish, Charles	211DKOT	600	3.0	--	H,S	6	1968	1,562
99N68W22DDDD	SDGS	112PLSC	305	--	09-19-1969	U	--	--	1,585
99N68W23BBBD	Lien, Norman	211DKOT	900	--	1958	S	--	--	1,590

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
99N68W23BCCC	Green, Beryl	211DKOT	847	--	02-03-1955	S,H	--	--	1,583
99N68W24CBB	Hoffman, Herbert	211DKOT	860	5.0	1966	S	30	1966	1,641
99N68W24CCB	Jekel, Abe	112PLSC	25	24.0	1961	U	--	--	1,645
99N68W24CCCA	Jekel, Abe	211CDLL	509	3.0	1961	H,S	--	--	1,647
99N68W25CCB	Hippen, H. & H.	211DKOT	865	1.5	1916	H,S	--	--	1,620
99N68W25CCB2	Hippen, H. & H.	112PLSC	45	24.0	1964	S	15	1968	1,620
99N68W26BCC	Beltman, Albert	211DKOT	927	3.0	1928	H,S	35	1968	1,586
99N68W28DAAA	SDGS	112PLSC	48	--	10-15-1985	U	--	--	1,575
99N68W29BBBB	USGS	112PLSC	68	1.5	07-12-1967	U	10	09-07-1967	1,442
99N68W29BBBD	Gray, Elmer	112PLSC	35	30.0	1936	H,S	12	1968	1,450
99N68W29BBC	Gray, Will	211DKOT	625	3.0	1953	S	--	--	1,461
99N68W30AA	Walker, Jim	112PLSC	39	20.0	06-21-1973	H	--	--	1,445
99N68W30AA2	Walker, Jim	112PLSC	25	20.0	06-22-1973	H	--	--	1,445
99N68W30BCAA	Gray, Will	211DKOT	700	3.0	09-08-1961	S	--	--	1,520
99N68W30DCAC	Dyk, Ryan/Harm	211DKOT	820	3.0	09-27-1963	S	--	--	1,480
99N68W31ACBB	Boltjes, Gerrit	211DKOT	850	3.0	12-08-1961	S	--	--	1,600
99N68W31CCA	Gray, Charles	211DKOT	700	4.0	1946	S	--	--	1,490
99N68W31DDDB	Boltjes, Gerrit	211DKOT	960	3.0	10- -1955	S	17.59 R	03-24-1959	1,596
99N68W32ADBB	Zylstra, Rinck	211DKOT	900	2.0	1950	S	--	--	1,540
99N68W35DDDA	Westerhuis, John	211CDLL	400	2.0	1908	H,S	--	--	1,600
99N69W 2DAA	Samuelson, O. W.	211DKOT	962	3.0	1948	S	96.6	08- -1961	1,686
99N69W 4DCCB	Gruenig, Leonard	211DKOT	980	3.0	1940	S	80	1968	1,710
99N69W 8AAAA	Dimmitt, Nile	112PLSC	48	--	1958	S	--	--	1,681
99N69W 8BCB	Gukeisen, Nick	211DKOT	850	3.0	1928	S	45	08- -1961	1,654
99N69W11DDAD	Vandenbos, Ben	211DKOT	920	--	1966	H,S	89	09-19-1968	1,660
99N69W13DDDD	SDGS	112TILL	65	--	09-16-1968	U	--	--	1,580
99N69W13DDDD2	Mason, O.	211DKOT	900	2.0	1930	S	--	--	1,592
99N69W15DDDD	SDGS	112PLSC	110	--	09-17-1968	U	--	--	1,671
99N69W16A	Williams Bros.	211CDLL	620	5.0	1956	--	--	--	1,690
99N69W16CDAB	Christiansen, M. D.	211DKOT	930	4.0	12-22-1961	S	--	--	1,705

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
99N69W18BBBD	Culet, Phil	211DKOT	920	4.0	1928	H,S	79	09-12-1968	1,683
99N69W19ACDC	Qualm, E.	211DKOT	966	2.0	05- -1891	U	--	--	1,610
99N69W19ACDC2	Qualm, Enoch	211DKOT	950	--	1953	S	--	--	1,678
99N69W20AAAA	SDGS	112TILL	140	--	09-17-1968	U	--	--	1,721
99N69W23CDDA	Fish, George	211DKOT	1,000	2.0	1912	S	--	--	1,547
99N69W23DDDB	Wynia, Pete	211DKOT	860	--	1965	H,S	--	--	1,550
99N69W24ACCC	Vandenbos, Lawrence	211DKOT	860	3.0	10-01-1963	S	--	--	1,550
99N69W24BBBD	Vandenbos, Lawrence	--	1	--	--	H	F	--	1,635
99N69W25ABBC	Fish, Ethel	211DKOT	1,100	2.0	1923	S	--	--	1,570
99N69W26BAD	Fish, George	211DKOT	1,005	2.0	1959	S	--	--	1,540
99N69W27	Kimball, Wilbur	211DKOT	980	5.0	06-26-1975	H	--	--	1,580
99N69W27BBC	Kimball, Wilbur	211DKOT	1,000	--	1910	H,S	70	1968	1,680
99N69W30DAA	Paulson, Jonas	211DKOT	900	2.0	1918	U	--	--	1,659
99N69W30DAA2	Paulson, Jonas	211DKOT	900	2.0	1965	H,S	--	--	1,659
99N69W30DDDD	Paulson, Jonas	211DKOT	850	2.0	1958	S	--	--	1,594
99N69W36BB	Buitenbos, John	211DKOT	850	3.5	08-07-1961	H,S	--	--	1,490
99N69W36CBDD	Buitenbos, John	211DKOT	850	3.5	08-17-1967	S	--	--	1,639
99N69W36DADD	SDGS	112PLSC	28	--	08-19-1969	U	12	08-19-1969	1,440
99N69W36DDDA	SDGS	112PLSC	80	--	09-18-1969	U	--	--	1,630
99N70W 1BDDDB	Johnson, Garfield	211DKOT	840	3.0	10-31-1961	S	--	--	1,620
99N70W10CDCA	U.S. Government	211DKOT	750	3.0	1947	S	--	--	1,400
99N70W11BAA	Gukeisen, Nick	211DKOT	870	--	07- -1949	U	--	--	1,502
99N70W12BAA	Johnson, F.	211DKOT	955	4.0	08-26-1966	H	90	08-26-1966	1,580
99N70W12BAAC	Erickson, Bruce	211DKOT	960	2.0	1903	H,S	--	--	1,585
99N70W13BAAA	Qualm, John	211DKOT	1,000	2.0	1923	S	--	--	1,676
99N70W14ADDA	Qualm, Luvern	211DKOT	1,000	4.0	1912	S	--	--	1,690
99N70W15CBAA	U.S. Government	211DKOT	700	3.0	--	U	--	--	1,400
100N67W 7DDDD	Harding, Ruben	211DKOT	792	2.0	1917	S	50	1969	1,618
100N67W 8DBDB	Gropper, Leslie	211DKOT	820	4.0	1963	H,S	16	1967	1,590
100N67W10BBBB	SDGS	112PLSC	185	--	10-01-1968	U	--	--	1,558

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
100N67W10BCBD	Sly, Allen	211DKOT	950	2.0	1930	H,S	--	--	1,538
100N67W10CCDD	Foxley, Whit	211DKOT	750	2.0	1964	H,S	--	--	1,525
100N67W12AAAA	Van Driesen, John	112PLSC	20	2.0	--	H,S	--	--	1,550
100N67W12ABAA	SDGS	112PLSC	195	--	10-01-1968	U	--	--	1,562
100N67W12BBBD	Tegethoff, Harry	112PLSC	13	48.0	1965	H,S	7	1967	1,526
100N67W12CDDD	SDGS	112PLSC	44	--	08-12-1969	T	--	--	1,530
100N67W13ACCC	SDGS	112PLSC	19	--	08-12-1969	U	10	08-12-1969	1,603
100N67W13BCCB	USGS	112PLSC	113	--	07-12-1967	U	--	--	1,533
100N67W14BAAA	Foxley, Wendell	211DKOT	850	3.0	1922	S	--	--	1,575
100N67W17DDDD	Syl, Earl	211DKOT	750	3.0	1921	S	40	1969	1,588
100N67W18BAAA	Brink, Bernard	211DKOT	850	3.0	1945	H,S	--	--	1,624
100N67W18DD	Hoffman, Melvin	112PLSC	30	30.0	01-14-1974	H	--	--	1,605
100N67W19AAAA	Delire, John	211DKOT	946	3.0	1959	--	--	--	1,605
100N67W19ADC	Delire, John	211DKOT	946	3.0	1959	S	--	--	1,600
100N67W19BAAC	Postman, Donald	211DKOT	800	2.0	1942	S	12	1969	1,602
100N67W20CDDD	Sly, Gerald	211DKOT	850	2.0	1960	U	9	10-17-1967	1,550
100N67W21BDCC	Sly, Gerald	211DKOT	850	3.0	1951	S	--	--	1,560
100N67W21CCCC	SDGS	112PLSC	125	--	09-30-1968	U	--	--	1,508
100N67W21DDCC	Sly, Gerald	211DKOT	850	--	1952	S	--	--	1,575
100N67W23BAAB	Voetberg, Ralph	211DKOT	850	--	--	H,S	--	--	1,515
100N67W24ADDA	SDGS	112PLSC	245	--	10-02-1968	U	--	--	1,547
100N67W24BCC	Vanderheiden, E.	211DKOT	780	4.0	06-26-1967	S	--	--	1,525
100N67W24BD	Vanderheiden, R.	211DKOT	860	2.0	09-25-1987	U	--	--	1,524
100N67W25ADDD	VanZee, Lloyd	211CDLL	450	--	--	H,S	--	--	1,554
100N67W26ABBB	Ringling, Virgil	211CDLL	450	2.5	1959	H,S	--	--	1,523
100N67W28ACDC	Hiemstra, Harry	211DKOT	850	3.0	1945	H,S	--	--	1,589
100N67W30DAAD	Knoll, Garrett	211DKOT	630	4.0	1945	H,S	--	--	1,550
100N67W31DDAA	Burma, John	211DKOT	835	3.0	1945	H,S	--	--	1,585
100N67W32BCCD	Burma, John	211DKOT	855	3.0	1952	S	27	10- -1967	1,570
100N67W32DDDD	Burma, John	211DKOT	835	3.0	1920	S	--	--	1,586

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
100N67W33DCCC	Ringling, Herman	211DKOT	815	4.0	1962	H,S	12	1967	1,602
100N67W33DDDD	SDGS	112TILL	50	--	10-07-1968	U	--	--	1,596
100N67W34CCCC	Ringling, Richard	211DKOT	930	4.0	--	S	39	10-17-1967	1,607
100N67W35ABBB	Van Dusseldorp, Arie	211CDLL	458	2.5	1959	H,S	--	--	1,578
100N67W35ABBB2	Van Dusseldorp, Arie	211DKOT	960	3.0	1961	S	15	1967	1,578
100N68W 8BBBB	Olson, Delwyn	211DKOT	900	3.0	1944	S	--	--	1,630
100N68W 8DDCC	Schoenrock, Ivan	211DKOT	900	3.0	1908	H,S	--	--	1,642
100N68W 9ADDD	Schoenrock, Herman	211DKOT	900	--	1934	H,S	--	--	1,649
100N68W 9BBBB	SDGS	112PLSC	125	--	09-17-1969	U	--	--	1,656
100N68W10DDCC	Boer, Herman	211DKOT	900	3.0	1920	S	--	--	1,620
100N68W11	Sybesma, Clarence	211DKOT	848	5.0	10-07-1975	H	50	10-07-1975	1,650
100N68W11AAAA	SDGS	112PLSC	50	--	09-11-1968	U	--	--	1,621
100N68W11AACC	Sybesma, Clarence	112PLSC	14	60.0	1900	S,H	--	--	1,621
100N68W11BDDC	Sybesma, Clarence	211DKOT	800	4.0	1958	S	30	1967	1,636
100N68W12CCCC	Peterson, Mervin	112PLSC	12	18.0	1955	S	3	10- -1967	1,596
100N68W12DDCC	Peterson, Mervin	211DKOT	806	3.0	1957	H,S	40	1967	1,625
100N68W13BBBC	Visscher, Cornelius	211DKOT	900	3.0	1957	H,S	11	10-18-1967	1,620
100N68W14BBAA	Sybesma, Sam Jr.	211DKOT	890	3.5	1958	S,H	--	--	1,620
100N68W15AADB	Drake, George Sr.	211DKOT	900	3.0	09-06-1951	H,S	18	09-06-1951	1,608
100N68W17ADDA	Schoenrock, Max	211DKOT	970	3.0	1949	S,H	--	--	1,637
100N68W17CDDD	Olson, Delwyn	211DKOT	860	3.0	1945	H,S	--	--	1,623
100N68W18CBBB	Holbeck, Fred & Ed	211DKOT	881	--	1900	H,S	34	10-18-1967	1,624
100N68W18DDDC	Olson, D.	211DKOT	900	3.0	1940	H,S	--	--	1,619
100N68W18DDDC2	Olson, D.	112PLSC	297	--	03- -1971	H	126	03- -1971	1,619
100N68W19BBAA	Gray, Wilbur	211DKOT	920	--	1921	U	80	08-23-1961	1,628
100N68W19BBAA2	Gray, Wilbur	112PLSC	34	24.0	1956	H,S	20	1967	1,628
100N68W19BBAA3	Gray, Wilbur	211DKOT	915	4.0	1959	H,S	32	10- -1967	1,628
100N68W19DDDA	Dyk, Clair	211DKOT	900	--	1948	H,S	9	1968	1,616
100N68W21AAAB	Drake, George Jr.	211DKOT	885	3.0	1947	H,S	28	1947	1,630
100N68W21DAC	Drake, George Jr.	112TILL	32	--	1965	S	--	--	1,595

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
100N68W21DDDD	USGS	112GEDS	260	1.25	09-22-1968	U	101	10- -1968	1,598
100N68W23AADD	Ringling, Wm & Gene	211DKOT	888	3.0	1958	S	72	1968	1,580
100N68W23CDCC	Bakken, Bruce	211DKOT	955	3.0	1950	H,S	10	1967	1,577
100N68W23DDDD	SDGS	112TILL	110	--	09-18-1968	U	--	--	1,574
100N68W24AAD	Hoffman, Melvin	211DKOT	826	2.0	1953	H,S	--	--	1,596
100N68W24BC	Hiemstra, Mrs. John	112PLSC	21	1.6	01-15-1974	H	--	--	1,640
100N68W25CBB	Pranger, Beryl	211DKOT	840	3.0	1956	H,S	--	--	1,543
100N68W26ABBC	Johnson, Adolph	211DKOT	800	3.0	1920	H,S	--	--	1,575
100N68W28BBBB	Johnson, Dallas	211DKOT	920	3.5	1967	S	26	10-19-1967	1,608
100N68W28CBCA	Hoffman, Herbert	211DKOT	860	3.0	1940	H,S	25	1968	1,610
100N68W30AAA	SDGS	112PLSC	290	--	09-25-1968	U	--	--	1,617
100N68W31AD	Hoffman, Herbert	211DKOT	930	4.0	06-25-1965	S	60	1965	1,649
100N68W32AADC	Dyk, Dick	211DKOT	950	4.0	1966	H,S	60	1967	1,629
100N68W32CDCC	Smit, John	211DKOT	900	3.0	1948	H,S	--	--	1,650
100N68W32DDDD	SDGS	112TILL	155	--	09-18-1969	U	--	--	1,631
100N68W35CDCC	USGS	112PLSC	33	1.5	07-12-1967	U	7	09-07-1967	1,492
100N68W35D	Duba	211DKOT	840	--	--	U	--	--	1,505
100N68W35DDA	Pranger, Bruce	112PLSC	30	24.0	1953	H	12	1968	1,500
100N68W35DDDD	Pranger, John	211DKOT	840	3.0	1914	S	--	--	1,550
100N68W36DBD	League, Lyle	211DKOT	691	3.0	11-18-1952	S	--	--	1,502
100N69W 7BBBB	SDGS	112PLSC	200	--	09-12-1968	U	--	--	1,680
100N69W10DDDD	SDGS	112TILL	185	--	09-17-1969	U	--	--	1,649
100N69W12CDDC	Olson, Delwyn	211DKOT	850	3.0	1944	S	--	--	1,620
100N69W13BACC	Olson, Delwyn	211DKOT	1,000	4.0	12-05-1963	S	40	1967	1,630
100N69W15ADDD	Visicka, John	211DKOT	902	2.0	1965	H,S	80	1968	1,657
100N69W18CB	Nachtigal, Jim	211DKOT	965	5.0	09-22-1973	H	70	09-22-1973	1,680
100N69W18DD	Hoffman, M.	112PLSC	30	20.0	01-14-1974	U	--	--	1,712
100N69W19AAA	Gillings, Elmer	112PLSC	56	36.0	1900	S	25	1968	1,719
100N69W20CDD	Dimick, Hiram	211DKOT	940	4.0	1960	H,S	85	1960	1,727
100N69W21DDDD	SDGS	112PLSC	185	--	09-23-1968	U	--	--	1,726

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
100N69W22AAA	Mika, Joe	211DKOT	900	2.0	1920	S,H	40	1968	1,656
100N69W23CCB	Votruba, Stanley	211DKOT	976	--	1950	S	30	1968	1,640
100N69W24CDD	Hampton, Floyd	211DKOT	900	3.0	1948	S	50	1968	1,650
100N69W25BBB	SDGS	112TILL	175	--	09-20-1968	U	--	--	1,632
100N69W26DAAA	Mesman, John	211DKOT	900	2.0	1963	H,S	40	1968	1,635
100N69W28CCCA	Boyden, George	112PLSC	25	24.0	1967	H	12	1968	1,700
100N69W28CCCC	Boyden, George	211DKOT	1,000	1.25	1900	S	--	--	1,721
100N69W29CBBB	Hiemstra, Mike	211DKOT	900	--	1930	S	72	1968	1,694
100N69W31CCCD	SDGS	112TILL	95	--	09-16-1968	U	--	--	1,640
100N69W32DDA	Schubert, Verald	211DKOT	1,000	4.0	08-19-1963	H,S	--	--	1,715
100N69W35DDDA	Thomson, Edwin	211DKOT	960	--	12- -1967	H,S	--	--	1,670
100N70W 7AA	Olson, Pete	211DKOT	1,100	4.0	02-04-1961	S	175	09- -1961	1,740
100N70W 7ADD	Tjeerdsma, Oscar	211DKOT	1,020	5.0	04-11-1973	H	100	04-11-1973	1,735
100N70W10BAC	Graves, Agnes	112PLSC	10	72.0	1964	S	--	--	1,700
100N70W11CCDD	Lucas, L.	112PLSC	33	30.0	1957	S	6	09-12-1968	1,680
100N70W12CCDA	Lucas, Lauren	211DKOT	963	3.0	1952	H,S	--	--	1,660
100N70W12DAD	Lucas, Everett	211DKOT	912	3.0	1943	S,H	63	08-22-1961	1,712
100N70W13CBDB	Nelson, Kenneth	112TILL	40	24.0	1962	S	--	--	1,675
100N70W16DDC	Platte Colony	211DKOT	920	3.0	1950	S	--	--	1,710
100N70W17ADA	Platte Colony	211DKOT	880	--	1961	S	--	--	1,735
100N70W18BBCC	SDGS	112TILL	80	--	09-13-1968	U	--	--	1,789
100N70W18CAAD	Olson, Delwyn	211DKOT	1,050	3.0	1948	S	150	1967	1,800
100N70W19ADCC	Olson, Delwyn	211DKOT	640	3.0	1961	S	--	--	1,600
100N70W20AAAA	USGS	112TILL	117	--	08-31-1966	U	--	--	1,741
100N70W21AAB	Platte Colony	211DKOT	1,020	3.0	1949	H,S	--	--	1,700
100N70W21AAB2	Platte Colony	211DKOT	995	5.0	1955	S	93	1955	1,700
100N70W21BCCC	Platte Colony	211DKOT	1,017	5.0	1967	S,H	100	03-07-1967	1,747
100N70W21CBBB	Platte Colony	211DKOT	1,000	3.0	--	U	--	--	1,750
100N70W24CDCC	SDGS	112PLSC	155	--	09-13-1968	U	--	--	1,677
100N70W25BBC	Nachtigal, Jim	211DKOT	900	4.0	1962	P,S	--	--	1,690

Table 1. Records of wells and test holes in Charles Mix County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
100N71W10DCD	Olson, Pete	211DKOT	1,150	4.0	09- -1960	S	220	08-22-1961	1,880
100N71W12ABB	Turgeon, C.	211DKOT	990	4.0	12-11-1967	S	140	12-11-1967	1,380
100N71W12DDD	Gillings, Belvin	112PLSC	24	--	--	S	--	--	1,776
100N71W13ADAD	Olson, Delwyn	211PIRR	90	24.0	1910	S	--	--	1,820
100N71W14CDAA	Mitchell, Ralph	211DKOT	1,170	5.0	05-07-1967	S	275	05-07-1967	1,885
100N71W18DBAD	Olson, P.	211DKOT	770	8.0	1895	S	--	--	1,724
100N71W22ACB	Olson, P.	211DKOT	840	2.0	01- -1960	S	19	08-22-1961	1,650
100N71W23BDAD	Mitchell, Ralph	211DKOT	780	3.0	12-08-1962	S	--	--	1,635
100N71W24AAA	USGS	112TILL	62	--	08-31-1966	U	--	--	1,871
100N71W24BBBB	USGS	112TILL	92	--	08-31-1966	U	--	--	1,888
100N71W24BDDD	Olson, Delwyn	211DKOT	650	3.0	1963	S	--	--	1,600
100N71W26DBBB	Turgeon, Dolor	211DKOT	688	8.0	1896	S	--	--	1,380
100N71W29AAC	USCE	211DKOT	785	8.0	07- -1895	S	--	--	1,410

Table 2. Records of wells and test holes in Douglas County

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
97N62W 1BBBB	USGS	112PLSC	102	--	07-06-1967	U	--	--	1,476
97N62W 1BBBB2	Ewing, Clarence	211CDLL	343	2.0	1955	S	--	--	1,482
97N62W 1CCCC	Ebright, Earl	211CDLL	368	3.0	06-19-1965	H,S	130	1965	1,521
97N62W 1DDDD	Frey, Ernest	211NBRR	365	3.0	1959	H,S	--	--	1,503
97N62W 2CAAC	Jerke, Rueben	211CDLL	300	1.5	1900	H,S	--	--	1,498
97N62W 3ADAA	SDGS	112TILL	49	--	08-07-1969	U	12	08-07-1969	1,477
97N62W 4AAAA	USGS	112PLSC	87	--	07-06-1967	U	--	--	1,456
97N62W 4CCCC	SDGS	112PLSC	14	--	08-08-1969	U	--	--	1,460
97N62W 5AABB	Schmidt, Wm & Otto	211CDLL	280	--	--	H,S	--	--	1,442
97N62W 5DDDD	SDGS	112PLSC	95	--	10-21-1969	U	--	--	1,463
97N62W 6CCCC	USGS	112PLSC	47	--	07-01-1968	U	15	07- -1968	1,423
97N62W 7AAAA	Will, Oscar	211CDLL	320	--	1962	H,S	--	--	1,447
97N62W 8DCAA	Gunnare, Richard	211CDLL	362	3.0	06-14-1966	S	65	1966	1,503
97N62W 9CBBB	Berry, C. C.	211CDLL	350	2.0	1919	H	--	--	1,480
97N62W 9DCCC	Gunnare, Carl	211CDLL	349	4.0	1960	H,S	120	1960	1,510
97N62W10BBA	Whitney, Hazel	211CDLL	342	4.0	1956	S,H	140	1967	1,488
97N62W10BBBB	SDGS	112PLSC	19	--	08-08-1969	U	7	08-08-1969	1,478
97N62W10CCCC	USGS	112TILL	72	--	07-19-1968	U	40	07-19-1968	1,512
97N62W11BBBB	SDGS	112PLSC	24	--	08-08-1969	U	8	08-08-1969	1,502
97N62W11CBCC	SDGS	112PLSC	24	--	08-08-1969	U	9	08-08-1969	1,540
97N62W11DDDD	Frey, Marvin	211CDLL	300	3.0	--	H,S	--	--	1,586
97N62W12AAAD	SDGS	112PLSC	28	--	06-14-1984	U	--	--	1,549
97N62W12AADA	SDGS	211CDLL	375	--	06-20-1984	U	--	--	1,550
97N62W12AADA2	USGS	211CDLL	407	2.0	09-24-1986	U	--	--	1,550
97N62W12BBBB	Jerke, Emanuel	211NBRR	346	2.0	1934	H,S	72	1967	1,521
97N62W13AAAC	Bueber, Helmuth	211NBRR	460	2.0	1963	S	--	--	1,600
97N62W13BABB	SDGS	112TILL	65	--	06-05-1968	U	--	--	1,575
97N62W14BBBB	SDGS	112PLSC	9	--	08-08-1969	U	--	--	1,563
97N62W14D	Goehring, Mike	211CDLL	575	5.0	04-29-1982	--	--	--	1,675
97N62W14DDCC	Liebert, Leo	211CDLL	509	2.0	1942	H,S	--	--	1,700

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
97N62W15CBCB	Gunnare, Olaf	211CDLL	380	2.0	1935	H,S	--	--	1,560
97N62W23AAAA	SDGS	112PLSC	44	--	08-08-1969	U	--	--	1,710
97N62W23BACC	SDGS	112PLSC	24	--	08-08-1969	U	--	--	1,685
97N62W23BBBB	Hieb, Albert	211CDLL	500	4.0	1964	H,S	--	--	1,661
97N62W24ABC	Bitterman, Don	112PLSC	121	4.0	08-23-1985	H	100 P	08-23-1985	1,730
97N62W24ABCC	Harris, Ethel	112PLSC	60	2.0	1950	U	--	--	1,725
97N62W24ADDC	Bitterman, Donald	112PLSC	130	2.0	1937	S	119	1967	1,747
97N63W 1AABB	Sanders, Joe	112PLSC	10	36.0	1927	H	10	1967	1,425
97N63W 1ABB	Sanders, Joe	112DELM	60	--	--	U	--	--	1,424
97N63W 1ABBB	Sanders, Joe	112DELM	50	--	--	U	--	--	1,428
97N63W 1BBBB	Buhler, George	112PLSC	14	36.0	1957	S	10	1967	1,423
97N63W 1CADD	Schmidt, Donald	112DELM	43	--	--	U	--	--	1,420
97N63W 1CCCC	USGS	112PLSC	24	2.0	07-01-1968	U	4 P	07- -1968	1,413
97N63W 1CCCC2	USGS	112PLSC	17	1.25	07-01-1968	U	4	07- -1968	1,445
97N63W 1CCCC3	USGS	112PLSC	17	1.25	07-01-1968	U	5	07- -1968	1,445
97N63W 1DDB	Schmidt, Don	112DELM	50	--	--	U	--	--	1,427
97N63W 2	Eitemiller, Arnold	112DELM	20	--	--	U	--	--	1,415
97N63W 2AAAA	USGS	112PLSC	27	--	07-21-1968	U	8	07-19-1968	1,421
97N63W 2AABB	Buhler, Clifford	112PLSC	12	60.0	1955	H,S	7	1967	1,418
97N63W 2BBBB	Buhler, Clifford	112PLSC	14	36.0	1937	S	11	06-29-1967	1,419
97N63W 2BCCC	Eitemiller, Vene	112PLSC	18	--	1957	S	8	1967	1,417
97N63W 2CAA	Schmidt, Donald	112DELM	52	--	--	U	--	--	1,414
97N63W 2DDDD	SDWR	112CHTU	168	2.0	06-12-1972	U	--	--	1,419
97N63W11AC	Eitemiller, V.	112DELM	51	14	07-12-1975	--	5	07-12-1975	1,412
97N63W12AA	Geuther, J.	211CDLL	300	5.0	04-23-1984	--	95	04-23-1984	1,428
98N62W 1BBBB	Bietz, Norman	112PLSC	300	2.0	1959	S	--	--	1,550
98N62W 1CCAA	Boettcher, John	112CHTU	310	--	1960	H,S	--	--	1,548
98N62W 2ABBB	Bietz, Norman	112CHTU	320	2.0	--	H,S	--	--	1,546
98N62W 3CCCC	SDWR	112CHTU	318	2.0	04-16-1980	--	--	--	1,520
98N62W 3DDAA	Brosz, Gilbert	112CHTU	320	4.0	1961	H,S	--	--	1,524

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
98N62W 4CBAA	Bietz, John	112CHTU	330	3.0	1960	H,S	--	--	1,520
98N62W 4DDDD	Goehring, Leroy	112CHTU	300	2.0	1947	H,S	--	--	1,523
98N62W 5BCBB	Carda, Vern	211DKOT	833	3.0	09-26-1950	S,H	+24 P	07-20-1966	1,481
98N62W 6CCDD	BR	112PLSC	12	--	06-12-1969	U	--	--	1,515
98N62W 7ADAA	Brenner, Ewald	112CHTU	270	2.0	1927	H,S	--	--	1,510
98N62W 7BCCC	Laib, Arnold	112CHTU	263	3.5	1962	H,S	--	--	1,501
98N62W 7DCBA	Gjorass, Carl	112CHTU	350	2.0	1957	H,S	--	--	1,490
98N62W 8ABAA	SDWR	112DELM	47.8	2.0	04-24-1980	U	--	--	1,475
98N62W 8BDDC	Thuringer, Adrian	112CHTU	270	2.0	1925	H,S	--	--	1,475
98N62W 9CACC	Goehring, Victor	112CHTU	260	4.0	1960	H,S	--	--	1,480
98N62W 9DABC	Brenner, Eltor	112CHTU	270	--	--	U	--	--	1,500
98N62W 9DACC2	Goehring, Ted	112CHTU	330	--	1930	H,S	--	--	1,492
98N62W11AABB	Bietz, Ervin	112CHTU	313	--	--	H,S	--	--	1,540
98N62W11CCCC	Baier, Emil	112CHTU	312	2.0	1917	H,S	--	--	1,564
98N62W12AACD	Kurtz, Elmer	211CDLL	400	3.0	1958	H,S	--	--	1,552
98N62W13BAAA	Hirsch, Albert	211CDLL	480	3.0	1947	H,S	--	--	1,570
98N62W13CCCC	Goehring, Edgar	211CDLL	425	4.0	1960	H,S	180	1967	1,588
98N62W14CCCC	Baier, Eugene	211CDLL	365	2.0	1927	H,S	--	--	1,569
98N62W14DDDD	SDGS	112PLSC	305	--	05-31-1968	U	--	--	1,579
98N62W15AACC	Scheleske, Ted	211CDLL	350	2.0	1954	H,S	216	1967	1,560
98N62W15ABAA	SDGS	112PLSC	44	2.0	04-24-1980	U	--	--	1,540
98N62W15BBBB	BR	112PLSC	12	--	10-22-1968	U	--	--	1,545
98N62W17AAAA	SDGS	112PLSC	230	--	06-03-1968	U	--	--	1,467
98N62W17CCBB	Reinfeld, Willard	112PLSC	18	3.0	--	H,S	12	1967	1,460
98N62W17CCCC	USGS	112PLSC	27	1.5	07-07-1967	U	10 P	07-17-1967	1,463
98N62W18AAAA	Brenner, Ewald	112PLSC	18	2.0	1927	S	10	07- -1967	1,476
98N62W18BBBB	BR	112PLSC	12	--	10-22-1968	U	--	--	1,490
98N62W19ABBB	Reinfeld, Ted	112DELM	55	--	--	U	--	--	1,456
98N62W19CBCC	Kaufman, Roger	112PLSC	12	48.0	1924	S	6	07- -1967	1,450
98N62W19DABB	Reinfeld, Lloyd	112PLSC	130	2.0	1939	H	--	--	1,452

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
98N62W19DABB2	Reinfeld, Lloyd	112PLSC	12	36.0	1850	S	8	1967	1,452
98N62W20BBBB	SDWR	112DELM	19.5	2.0	06-13-1972	U	7.4	06-13-1972	1,460
98N62W20DDCC	Blume, George	112PLSC	170	2.0	1903	H,S	--	--	1,480
98N62W21ACAA	Goehring, Vern	211NBRR	280	3.0	1955	H,S	--	--	1,495
98N62W23DCDA	Lehrkamp, Norbert	211CDLL	368	2.0	1914	H,S	--	--	1,573
98N62W24AAAA	Bierwagen, Herbert	211CDLL	440	4.0	1965	H,S	234	1967	1,593
98N62W24BBCC	Carter Estate	211CDLL	382	3.5	1943	U	--	--	1,590
98N62W24BBCC2	Carter Estate	211CDLL	412	3.5	08-04-1967	H	--	--	1,590
98N62W27	--	211DKOT	821	6.0	--	--	--	--	1,500
98N62W27ABBB	Goehring, Lotar	211NBRR	180	2.0	1930	S	--	--	1,516
98N62W27CCBB	SDGS	112PLSC	170	--	10-17-1969	U	--	--	1,495
98N62W28BCBB	Ruff, Albert	211NBRR	190	--	1930	H,S	--	--	1,485
98N62W29BBBB	Kurtz, Robert	112PLSC	170	2.0	1925	H,S	--	--	1,449
98N62W30AAAA	SDGS	112PLSC	215	--	10-20-1969	U	--	--	1,448
98N62W30ABAA	Reinfeld, Ted	211CDLL	303	4.0	1957	H,S	60	1967	1,450
98N62W30BBB	Reinfeld, Ted	112DELM	60	--	--	U	--	--	1,447
98N62W30CCCC	USGS	112TILL	117	--	08-24-1966	U	7	08-24-1966	1,429
98N62W30DDDD	Reinfeld, Ted	211NBRR	189	--	1940	H,S	--	--	1,467
98N62W31AAAA	USGS	112TILL	117	--	08-23-1966	U	--	--	1,465
98N62W31BCC	Grosz, Jan	112DELM	40	--	--	U	--	--	1,425
98N62W31CCCC	SDGS	112PLSC	155	--	06-04-1968	U	--	--	1,422
98N62W31CDA	Fink, Paul	112DELM	46	--	--	U	--	--	1,429
98N62W31CDDD	Fink, Paul	211NBRR	295	4.0	1961	H,S	--	--	1,430
98N62W31DDBA	Ewing, Clarence	112DELM	79	--	--	U	--	--	1,434
98N62W31DDDC	BR	112PLSC	13	--	06-12-1969	U	--	--	1,435
98N62W31DDDD	USGS	112PLSC	123	--	07-08-1967	U	12	1967	1,432
98N62W32BBBC	SDWR	112PLSC	190	--	08-10-1960	U	--	--	1,452
98N62W33BAAB	Fink, Alvin	211NBRR	280	2.0	--	H,S	--	--	1,480
98N62W34AB	City of Delmont	211CDLL	330	8.1	08-17-1985	P	137 P	08-17-1985	1,475
98N62W34ABBB	City of Delmont	211DKOT	921	2.0	--	U	--	--	1,477

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
98N62W34BABB2	City of Delmont	211CDLL	336	6.0	1928	U	--	--	1,485
98N62W34BABB3	City of Delmont	211CDLL	341	8.0	1955	F,P	--	--	1,485
98N62W34BBAB	City of Delmont	211CDLL	330	8.0	1955	P	--	--	1,480
98N62W34BBAD	City of Delmont	211CDLL	220	6.0	1930	P	--	--	1,485
98N62W34BCBD	City of Delmont	211CDLL	335	12.0	1970	P	120 P	1970	1,480
98N62W34CBCB	Spaans, Adrian	211CDLL	300	2.0	1905	H,S	--	--	1,460
98N62W34DAAA	SDGS	112TILL	44	--	08-07-1969	U	--	--	1,464
98N62W35CDDD	Ewing, Clarence	211NBRR	180	2.0	1934	S	--	--	1,474
98N62W35CDDD2	Ewing, Clarence	211CDLL	301	2.0	1954	H,S	--	--	1,474
98N62W36AAAA	USGS	112TILL	117	--	08-23-1966	U	10	08-23-1966	1,575
98N63W 1BBCC	Fink, Albert	112PLSC	230	2.0	1948	H,S	--	--	1,485
98N63W 1D	Schmidt, Don	112DELM	43	14.0	04-15-1977	I	10	04-15-1977	1,515
98N63W 1DAAA	Goehring, Reinholdt	211CDLL	300	3.0	1950	H,S	--	--	1,515
98N63W 1DAAA2	Schmidt, Don	112DELM	41	14.0	05- -1977	I	10	05- -1977	1,517
98N63W 2C	Eitemiller, Arnold	112PLSC	175	--	09- -1971	U	--	--	1,445
98N63W 2CCCC	Hinkley, Wayne	211CDLL	303	3.0	01-11-1961	H,S	--	--	1,444
98N63W 3BCCB	Fuoss, Ed	211NBRR	228	2.0	1950	H,S	40	02-28-1950	1,437
98N63W 3CCCC	Fuoss, Ed	211NBRR	210	2.0	1930	S	40	1930	1,458
98N63W 5BCCC	Palmer, Ray	211CDLL	300	2.0	1947	H,S	--	--	1,527
98N63W 5DDDD	Holmburg, Albert	211CDLL	350	2.0	11- -1966	H,S	--	--	1,501
98N63W 6BCAB	Tranter, Lloyd	211NBRR	250	--	--	H,S	--	--	1,545
98N63W 6CCCB	Scholten, Gerrit	211CDLL	396	4.0	12-12-1963	H,S	70	12-12-1963	1,525
98N63W 6CCCC	SDGS	112TILL	215	--	05-23-1968	U	--	--	1,518
98N63W 6D	Grosz, Bill	211NBRR	140	--	--	U	--	--	1,525
98N63W 7BAA	City of Armour	211DKOT	940	3.5	07- -1954	R	--	--	1,526
98N63W 8BBBB	Leonard, Clarence	211NBRR	240	2.0	--	H,S	--	--	1,524
98N63W 8D	Peacock, F.	211CDLL	338	--	1941	U	185	1941	1,485
98N63W 8DCCC	Peacock, Francis J.	211CDLL	390	4.0	1957	H,S	--	--	1,491
98N63W 9CBBB	Sperlich, Donald	112PLSC	150	--	--	S	--	--	1,494
98N63W 9DCCC	Sperlich, Donald	112PLSC	150	--	--	H,S	--	--	1,472

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
98N63W9DDDD	SDGS	112PLSC	210	--	10-10-1969	U	--	--	1,478
98N63W11CBBB	SDGS	112PLSC	34	--	08-06-1969	U	9	08-06-1969	1,431
98N63W11CCAA	Hinkley, Wayne	211NBRR	226	3.5	11-20-1962	S	--	--	1,432
98N63W11DAAA	Brenner, Eitor	211CDLL	328	4.0	08-13-1965	S,H	140	08-13-1965	1,481
98N63W12AABA	Laib, Ronald	112PLSC	260	2.0	1915	H,S	--	--	1,503
98N63W13AAAA	SDWR	112TILL	240	--	08-15-1960	U	--	--	1,484
98N63W13ADDC	BR	112TILL	12	--	06-12-1969	U	--	--	1,480
98N63W13BBAA	Brenner, Emanuel	211CDLL	360	3.0	1920	S	--	--	1,480
98N63W13CCBB	Ronspies, Leo	211CDLL	300	2.0	1957	S	--	--	1,465
98N63W14ABBB	SDGS	112TILL	9	--	08-06-1969	U	--	--	1,475
98N63W14ADAD	Florey, Ray	211CDLL	330	3.0	1960	H,S	--	--	1,477
98N63W14ADAD2	Florey, Ray	112PLSC	190	--	--	U	--	--	1,477
98N63W14BBAA	SDGS	112TILL	9	--	08-06-1989	U	--	--	1,430
98N63W14BBBB	USGS	112PLSC	33	1.5	07-07-1967	U	5.4	09-11-1967	1,445
98N63W14BCCC	SDGS	112PLSC	34	--	08-06-1969	U	11	08-06-1969	1,425
98N63W15ABBB	SDGS	112PLSC	29	--	08-06-1969	U	9	08-06-1969	1,435
98N63W15BAAA	Ronspies, Leo	211CDLL	312	4.0	1964	H,S	--	--	1,441
98N63W15DCDD	SDWR	112PLSC	50	--	04-24-1980	U	--	--	1,420
98N63W16AAAA	BR	112PLSC	12	--	10-22-1968	U	--	--	1,465
98N63W18BABB	Larson, R. C.	211CDLL	400	2.5	1958	S	--	--	1,515
98N63W18BBBB	BR	112PLSC	12	--	10-22-1968	U	--	--	1,518
98N63W18BCCC	Pavlis, Anton	211NBRR	260	2.0	1925	S,H	--	--	1,511
98N63W19AAAA	SDWR	211NBRR	192	2.0	07-07-1969	U	94	10- -1969	1,481
98N63W19AABC	Edwards, Vesta	211NBRR	260	--	--	S	--	--	1,480
98N63W19BCBB	Farke, Leo	211CDLL	340	2.0	1924	H,S	--	--	1,492
98N63W19DDCC	Edwards, Vesta	211CDLL	300	2.0	--	H,S	--	--	1,470
98N63W20AAAA	Mc Laughlin, Philip	112PLSC	220	2.0	--	H	--	--	1,467
98N63W20C	Mack, Royce	211CDLL	380	--	1967	U	--	--	1,455
98N63W21BAAA	Hollmann, Henry	112PLSC	273	2.0	1948	H,S	40	1948	1,469
98N63W21DAAA	Gjorass, Harold	211CDLL	390	2.0	1930	H,S	--	--	1,441

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
98N63W22AABB	SDWR	112PLSC	30	--	06-13-1972	U	--	--	1,425
98N63W22ABBA	SDWR	112PLSC	20	--	06-13-1972	U	--	--	1,420
98N63W22C	--	112CHTU	200	--	--	H	--	--	1,423
98N63W22DDDD	SDGS	112CHTU	200	1.25	06-04-1968	U	--	--	1,436
98N63W23BAAA	Litz, Arthur	211CDLL	309	3.5	12- -1964	H,S	--	--	1,454
98N63W24AABB	Kaufman, Roger	211CDLL	300	2.5	1930	H,S	--	--	1,470
98N63W24BBBB	SDWR	112CHTU	223	2.0	04-16-1980	--	--	--	1,459
98N63W25CCCC	USGS	112TILL	52	--	08-24-1966	U	--	--	1,427
98N63W26AAAA	Larson, Marvin	211CDLL	314	4.0	1958	H,S	40	1958	1,435
98N63W26AAAA2	Larson, Marvin	112CHTU	189	2.0	1927	U	160	1927	1,435
98N63W26CCAA	Goetz, James	112CHTU	215	--	--	U	--	--	1,425
98N63W26CCCC	USGS	112TILL	92	--	08-24-1966	U	--	--	1,427
98N63W27BBAA	SDGS	112PLSC	29	--	08-06-1969	U	9	1969	1,421
98N63W27CCCC	USGS	112PLSC	57	--	08-25-1966	U	--	--	1,419
98N63W27CCDD	Buhler, William	112PLSC	25	18.0	1930	H,S	12	1930	1,420
98N63W27DDBB	Buhler, Curtis	112DELM	20	--	--	U	--	--	1,427
98N63W28BBBB	USGS	112PLSC	123	--	07-05-1967	U	--	--	1,459
98N63W28BCC	Edwards, Mrs. Vesta	112CHTU	265	18.0	1957	I	59	10- -1967	1,450
98N63W28DDCC	Batterman, Leonard	112CHTU	180	2.0	1939	H,S	50	1939	1,423
98N63W29AABB	Blake, L.	211CDLL	319	4.0	06-17-1966	H	75	06-17-1966	1,476
98N63W29DDAD	SDWR	112CHTU	199	2.0	07-01-1969	U	58	10- -1969	1,436
98N63W30ADDD	Schroeder, Carl	211CDLL	333	4.0	1966	H,S	--	--	1,457
98N63W30CCCB	SDGS	112CHTU	230	--	06-05-1968	U	--	--	1,475
98N63W31AAAA	USGS	112TILL	117	--	08-25-1966	U	--	--	1,451
98N63W31CCD	Ewing, Clarence	112CHTU	220	--	--	U	--	--	1,463
98N63W33DAAA	Wunder, Vivian	112PLSC	125	2.0	1948	H,S	--	--	1,428
98N63W33DCBB	Wunder, Vivian	112CHTU	193	18.0	1958	I	59 P	08-16-1967	1,428
98N63W34BBAA	Adel, H. & L.	112PLSC	18	--	1950	H,S	--	--	1,420
98N63W34DDDD	USGS	112PLSC	123	--	07-05-1967	U	7	07-05-1967	1,420
98N63W36AAAA	Grosz, William	112PLSC	60	48.0	1954	H	--	--	1,434

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
98N63W36AABA	SDWR	112DELM	37.5	1.25	08-05-1957	U	16 P	06-29-1967	1,434
98N63W36ABD	Peacock, Francis	112DELM	60	--	04-13-1979	I	16 P	04-13-1979	1,435
98N63W36ADBB	Peacock, Jerry	112DELM	60	--	--	U	--	--	1,435
98N63W36BDDD	Peacock, Jerry	112DELM	72	--	--	U	--	--	1,425
98N63W36CBDD	Peacock, Jerry	112DELM	50	--	--	U	--	--	1,423
98N63W36CCCC	SDWR	112IRMD	43.6	2.0	06-09-1972	U	7.9	06-09-1972	1,417
98N63W36DAAD	Goetz, James	112DELM	40	16	06-12-1981	I	--	--	1,426
98N64W 2ABBA	Greenway, Leonard	211NBRR	250	4.0	1959	H,S	--	--	1,640
98N64W 3AABB	Van Zee, Gerald	211NBRR	250	2.0	1956	H,S	--	--	1,595
98N64W 4ADAA	Star, William	211CDLL	300	2.0	--	H,S	--	--	1,560
98N64W 4CDCC	SDGS	112PLSC	24	--	08-28-1969	U	12	08-28-1969	1,510
98N64W 4DDDA	Morrison, John	211CDLL	300	2.0	1937	H,S	--	--	1,546
98N64W 5BCAC	Douglas Dev. Co.	211CDLL	1,314	--	03-02-1953	U	--	--	1,598
98N64W 5CCBB	Clack, Wayne C.	211CDLL	330	3.0	1966	H,S	--	--	1,587
98N64W 7BBCB	Vosberg, Julius	211CDLL	400	2.0	1923	H,S	--	--	1,600
98N64W 7CCDD	BR	112PLSC	13	--	06-11-1969	U	--	--	1,610
98N64W 7DDAD	Bringelson, Carl	211CDLL	400	3.0	1948	H,S	--	--	1,595
98N64W 8AAAA	Ahrens, Phillip	211CDLL	475	1.25	1930	H,S	--	--	1,540
98N64W 8BABA	Cole, Willard	211CDLL	400	2.0	1927	H,S	--	--	1,568
98N64W 9BABB	Bringelson, Darrell	211CDLL	400	2.0	1930	H,S	--	--	1,512
98N64W 9CDCC	SDGS	112PLSC	34	--	08-28-1969	U	12	08-28-1969	1,500
98N64W 10BBAB	Morrison, Christine	211CDLL	308	2.0	1908	H,S	--	--	1,548
98N64W 10CCCC	Myers, Earl	211CDLL	373	2.0	1915	H,S	--	--	1,496
98N64W 10DDAA	Bussell, Frank	211CDLL	408	2.0	1915	H,S	--	--	1,550
98N64W 11A	Hoth, Leland	112PLSC	136	4.0	04-01-1978	H	40	04- -1978	1,555
98N64W 11BBCC	Schelling, B. D.	211NBRR	200	3.0	--	H,S	--	--	1,560
98N64W 12DADC	City of Armour	211DKOT	757	8.0	11-25-1890	P	131 P	01-07-1891	1,514
98N64W 12DADC2	City of Armour	211CDLL	415	10.0	1930	P	175	1930	1,520
98N64W 12DADC3	City of Armour	211CDLL	415	8.0	1945	P	175	1945	1,520
98N64W 12DADC4	City of Armour	211CDLL	415	5.0	1955	P	177 P	07- -1967	1,520

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
98N64W12DADC5	City of Armour	211CDLL	415	10.0	1960	P	175 P	07- -1967	1,520
98N64W13BBBB	Guenther, Clarence	211CDLL	415	4.0	07-14-1965	S,H	135	07-14-1965	1,534
98N64W14BBBB	Schumacher, Ed	211CDLL	400	3.0	1916	H,S	--	--	1,547
98N64W15BAAA	BR	112PLSC	12	--	10-22-1968	U	--	--	1,520
98N64W15CDDD	Werkmeister, L.	211CDLL	350	--	1955	H,S	--	--	1,525
98N64W16AAAD	SDGS	112PLSC	155	--	10-06-1969	U	--	--	1,497
98N64W17CDDD	Miller, Melvin	211CDLL	400	2.0	1900	H,S	--	--	1,598
98N64W18AAAA	Bringelson, Vermayne	211CDLL	435	3.0	1949	H,S	--	--	1,593
98N64W20AAAA	Keitzmann, Henry	211CDLL	400	2.0	1937	H,S	--	--	1,581
98N64W21AAAA	SDGS	112PLSC	19	--	08-28-1969	U	--	--	1,475
98N64W22AAAA	Ymker, Ed	211CDLL	340	2.0	1954	H,S	--	--	1,520
98N64W22BBBB	USGS	112PLSC	123	--	07-10-1967	U	--	--	1,475
98N64W22DCDD	SDGS	112PLSC	17	--	08-27-1969	U	12	08-27-1969	1,518
98N64W23AAAA	Greenway, Tony	211CDLL	350	--	1910	H,S	--	--	1,512
98N64W23CBBB	Zoss, Ivan	211CDLL	340	2.0	1928	H,S	--	--	1,511
98N64W24AAAA	SDGS	112PLSC	200	--	06-10-1968	U	--	--	1,494
98N64W25ABAA	BR	--	12	--	06-11-1969	U	--	--	1,482
98N64W25BABB	Harrington, F.	211CDLL	280	3.0	1955	H,S	--	--	1,485
98N64W26AAAA	Nase, Arthur	211CDLL	300	3.0	1947	H,S	--	--	1,491
98N65W 1ABBB	Star, William	211CDLL	400	2.0	1930	H,S	--	--	1,620
98N65W 1CDDA	King, Eddie	211CDLL	480	2.0	1914	U	--	--	1,610
98N65W 1CDDA2	King, Eddie	211CDLL	420	2.5	04- -1967	H,S	235	04- -1967	1,610
98N65W 2AA	Knapp, C.	211DKOT	901	6.0	--	U	--	--	1,640
98N65W 3AAAA	SDGS	112PLSC	275	--	05-16-1968	U	--	--	1,612
98N65W10AACC	Connell, Donald	211CDLL	500	2.0	08-14-1963	S	244	1966	1,635
98N65W12AAAA	SDGS	112TILL	245	--	10-01-1969	U	--	--	1,604
99N62W 1AADC	Smith, Edward	211CDLL	230	3.0	1929	S	--	--	1,500
99N62W 1AADC2	Smith, Edward	211CDLL	235	2.0	1928	H,S	--	--	1,500
99N62W 1CCCC	Schulz, Paul	211CDLL	321	3.5	1950	H,S	108	1967	1,527
99N62W 1CCCC2	Schulz, Paul	211CDLL	320	5.0	11-01-1983	H	155 P	11-01-1983	1,527

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
99N62W 2DDDA	Sperlich, Otto	211CDLL	293	2.0	1932	H,S	--	--	1,525
99N62W 2DDDD	SDGS	112PLSC	185	--	05-28-1968	U	--	--	1,508
99N62W 3BABB	Zirpel, Erwin	211CDLL	350	2.0	1910	H,S	--	--	1,560
99N62W 5CDDDD	Gerlach, Leonard	211CDLL	310	--	1935	H,S	--	--	1,580
99N62W 5DAAC	Bertram, Ernest	211NBRR	205	2.0	1900	H,S	--	--	1,558
99N62W 6AABB	Rippe, Alvin	211NBRR	378	2.0	1913	H,S	--	--	1,623
99N62W 6CCCC	SDGS	112PLSC	200	--	05-27-1968	U	--	--	1,570
99N62W 6DCDD	Flemmer, Gustave	211NBRR	210	2.0	1915	H,S	--	--	1,620
99N62W 8CB	Fischer, Alvin Jr.	211CDLL	406	3.0	08-26-1986	H	195	08-26-1986	1,500
99N62W 8CBBB	Fischer, Alvin	211NBRR	250	1.5	--	H,S	--	--	1,596
99N62W 9BAAB	Sperlich, William	211NBRR	248	2.0	--	H,S	--	--	1,580
99N62W10A	Luebke Farms Inc.	211CDLL	375	4.0	12-07-1982	--	--	--	1,550
99N62W10ADAA	Luebke, R. J.	211CDLL	460	--	--	H,S	--	--	1,555
99N62W10ADAA2	Luebke, Roland	211CDLL	350	4.0	1956	H	--	--	1,555
99N62W10BABA	Bialas, Lambert	211NBRR	280	2.0	--	S	--	--	1,565
99N62W11B	Neugebauer, Delbert	211CDLL	380	5.0	04-15-1983	--	--	--	1,547
99N62W11BBBC	Neugebauer, Delbert	211CDLL	340	2.0	1955	H,S	--	--	1,560
99N62W11CBBC	BR	112PLSC	12	--	10-23-1968	U	--	--	1,551
99N62W11DADD	Schulz, Erich	211CDLL	321	2.0	1928	S,H	--	--	1,537
99N62W12ADAA	Mayer, Bernard	211CDLL	250	2.25	1942	H,S	--	--	1,525
99N62W13AAAA	Kummer, Florian	211CDLL	300	3.0	1960	H,S	--	--	1,508
99N62W13CCBB	Nolz, Alois	112PLSC	187	2.0	1962	S	--	--	1,515
99N62W15BBBB	Thuringer, Wilbur	211NBRR	300	3.0	1960	H,S	--	--	1,590
99N62W15DDAA	Thuringer, Jerald	112PLSC	185	3.0	1960	S	--	--	1,563
99N62W16DDCD	Pietz, Herman	211CDLL	420	2.0	1964	H	--	--	1,588
99N62W17BAAD	Puepke, Herman	211NBRR	300	3.0	1959	H,S	--	--	1,540
99N62W18AABB	Heber, Alvin	211NBRR	260	2.0	1937	H,S	--	--	1,585
99N62W18CCCC	Lau, Marvin	211NBRR	265	2.0	1920	H,S	--	--	1,579
99N62W18CCCC2	SDGS	112PLSC	240	--	10-09-1969	U	--	--	1,570
99N62W18D	Heber, Alvin	211CDLL	440	5.0	05-21-1982	--	--	--	1,565

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
99N62W18DDDC	Grosz, T.	211CDLL	525	2.0	--	S	--	--	1,560
99N62W19A	Stern, Glennis	211NBRR	375	5.0	06-14-1982	--	--	--	1,575
99N62W19CDD	Hartmann, P.	211CDLL	431	--	08-24-1965	U	--	--	1,543
99N62W19CDDD	Hartmann, P.	211CDLL	396	--	--	U	--	--	1,556
99N62W19CDDDD2	Hartmann, P.	211CDLL	431	4.0	08-24-1965	H,S	165 P	08-24-1965	1,556
99N62W20B	Puepke, Walter	211CDLL	346	5.0	03-05-1973	H	152	03-05-1973	1,520
99N62W20CCAB	Puepke, Walter	112PLSC	280	2.0	1916	H,S	--	--	1,541
99N62W21AABD	Pietz, Herman	211CDLL	410	2.0	--	H,S	--	--	1,586
99N62W21CBDD	Fink, Marvin	211CDLL	400	--	--	H,S	--	--	1,575
99N62W22BBBB	SDGS	112PLSC	85	--	05-31-1979	--	--	--	1,589
99N62W22DDDD	Neuberger, Matthew	211CDLL	365	2.0	1943	H,S	--	--	1,570
99N62W23AAAA	SDGS	112PLSC	455	--	10-08-1969	U	--	--	1,513
99N62W23BCCC	Thuringer, Wendlin	211CDLL	385	3.0	1954	H,S	--	--	1,573
99N62W23DDAD	Polreis, William	112PLSC	312	2.0	1927	H,S	--	--	1,533
99N62W24BBBA	Alcott, Nile	112CHTU	326	3.0	1918	H,S	--	--	1,531
99N62W24DAAA	Heisinger, James	112CHTU	311	3.0	1958	S,H	--	--	1,521
99N62W25BABD	Mechtenberg, John	112CHTU	225	4.0	1962	H,S	--	--	1,526
99N62W25DCDD	Pape, Leo	112CHTU	292	2.0	1942	H,S	--	--	1,530
99N62W25DDDD	SDWR	112CHTU	330	2.0	04-15-1980	--	--	--	1,471
99N62W27BBBB	SDWR	112CHTU	201	1.25	08-11-1960	U	84	07-17-1967	1,574
99N62W27CCCC	BR	112DELM	12	--	10-23-1968	U	--	--	1,575
99N62W28ABBA	Ziebart, Herbert	112CHTU	330	2.0	1920	H,S	--	--	1,575
99N62W29BBBB	Baier, Walter	211DKOT	616	2.0	1947	U	70	07-28-1967	1,520
99N62W29BBBBB2	Baier, Walter	112CHTU	380	4.0	1964	H,S	100	1967	1,509
99N62W30ACDD	Drefs, Werner	211DKOT	620	2.0	1950	H,S	6 P	1961	1,520
99N62W32ABAA	Denke, Theodore	211CDLL	365	2.0	1954	S	--	--	1,550
99N62W32DCCC	Semmler, Eltor	211CDLL	360	2.0	--	H,S	--	--	1,503
99N62W33AAAA	Goehring, Sheldon	112CHTU	330	3.0	1958	H,S	--	--	1,575
99N62W34BCCC	Stoebner, Donald	112CHTU	343	3.0	06-21-1957	H	--	--	1,564
99N62W34CCCC	SDGS	112CHTU	485	--	10-16-1969	U	--	--	1,554

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
99N62W34DCCC	Mokros, Gerald	112CHTU	300	3.0	1959	H,S	--	--	1,555
99N62W35AAD	Laber, Alois	112CHTU	327	4.0	1964	H,S	--	--	1,545
99N62W35CCCC	Brosz, Milton	112CHTU	312	4.0	1961	H,S	--	--	1,550
99N62W36CCCC	SDGS	112CHTU	420	1.25	05-28-1968	U	149	06-03-1968	1,436
99N62W36DDDD	Sommer, Andrew	112CHTU	319	4.0	1962	H,S	--	--	1,543
99N63W 1CCCC	Grosz, Ervin	211CDLL	400	2.0	--	H,S	--	--	1,546
99N63W 2AAAA	Blume, Louis	211CDLL	392	3.0	--	H,S	--	--	1,562
99N63W 3ADAA	Ligtenberg, Mark	211CDLL	400	2.0	--	H,S	200	1967	1,580
99N63W 3BABB	SDGS	112PLSC	50	--	06-06-1968	U	--	--	1,503
99N63W 4CDDD	Peters, Leonard	211CDLL	368	2.0	08-28-1967	H,S	--	--	1,574
99N63W 5CCCC	Noteboom, Gene	112PLSC	19	3.0	--	H,S	5	1967	1,561
99N63W 6CCDD	Menning, Donald	211CDLL	350	2.0	--	H,S	--	--	1,581
99N63W 7BBBB	SDWR	112CRSC	260	2.0	04-22-1980	--	--	--	1,581
99N63W 8DAA	Bertram, Doyle	112PLSC	219	5.0	01-12-1984	H	138 P	01-12-1984	1,580
99N63W10DBCA	Uttecht, Alvin	211CDLL	321	3.5	05-13-1963	S	--	--	1,532
99N63W11ABAA	Engelland, Ralph	211CDLL	330	1.5	1926	H,S	--	--	1,553
99N63W12ABBB	BR	112PLSC	12	--	10-23-1968	U	--	--	1,545
99N63W13ADAA	Ensminger, Albert	211CDLL	401	3.5	09-05-1964	S	--	--	1,570
99N63W13BCCC	Ensminger, Emil	112PLSC	300	2.0	--	H,S	--	--	1,494
99N63W13CBBB	Uttecht, Alvin	112PLSC	300	3.0	--	H,S	--	--	1,495
99N63W14ADA	Drefs, Martin	211DKOT	640	4.0	1929	H,S	--	--	1,525
99N63W14DDDD	Docker, Rev. T.	112PLSC	165	2.0	1955	H	--	--	1,489
99N63W15CCCC	SDGS	112PLSC	185	--	10-10-1969	U	--	--	1,473
99N63W15DDCC	Klein, Neil	211CDLL	312	6.0	1961	H,S	--	--	1,480
99N63W15DDDD	Phillip 66 Station	211CDLL	325	4.0	08-19-1963	H	--	--	1,481
99N63W16DCCB	Blume, Leon	211NBRR	242	3.5	07-24-1964	S	--	--	1,502
99N63W17CCCC	Bindert, Herbert	211CDLL	355	3.0	1956	H,S	--	--	1,556
99N63W18D	Scholten, Dave	211CDLL	408	5.0	03- -1978	H	45	03- -1978	1,572
99N63W19BBBB	BR	112PLSC	12	--	06-12-1969	U	--	--	1,569
99N63W20BABB	Scholten, Roy	211CDLL	385	3.0	01-30-1967	H,S	--	--	1,555

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
99N63W20DDCA	Van Der Werff, D.	211CDLL	347	3.0	09-10-1966	S,H	--	--	1,520
99N63W22AADD	Ruff, Henry	211NBRR	225	2.0	1916	H,S	--	--	1,479
99N63W22BAAA	USGS	112PLSC	27	1.5	07-07-1967	U	11 P	07-11-1967	1,468
99N63W22BBAA	SDGS	112PLSC	49	--	08-06-1969	U	15	08-06-1969	1,470
99N63W23ABBB	Lau, Leonard	211CDLL	323	3.5	11-27-1962	S	--	--	1,480
99N63W23CBCC	Hoffman, Francis	112PLSC	303	4.0	1959	H,S	--	--	1,465
99N63W23DAAA	Lau, Leonard	211CDLL	393	4.0	12-21-1965	H,S	105	1966	1,491
99N63W24ADAA	BR	112PLSC	12	--	06-12-1969	U	--	--	1,558
99N63W24CCCC	BR	112PLSC	10	--	10-06-1969	U	--	--	1,520
99N63W24DDDD	Hartmann, Albert	211CDLL	375	3.0	1962	H,S	--	--	1,532
99N63W25DDDD	SDGS	211CDLL	340	1.25	06-06-1968	U	--	--	1,530
99N63W26BCC	Billman, Howard	211CDLL	348	3.0	08-01-1962	H,S	--	--	1,459
99N63W27BCBB	Blume, William	211CDLL	365	3.0	--	H,S	--	--	1,470
99N63W28DCDD	Van Der Werff, V.	211CDLL	300	2.0	1949	H,S	--	--	1,450
99N63W28DDDD	SDWR	112DELM	28.2	2.0	04-22-1980	--	--	--	1,445
99N63W28DDDD2	SDWR	211CDLL	318	2.0	04-23-1980	--	--	--	1,445
99N63W29AADD	Van Der Werff, I.	112PLSC	360	3.0	1956	H,S	--	--	1,515
99N63W29BCCC	Teunissen, Mrs. G.	211CDLL	470	3.0	1958	H,S	36	1958	1,550
99N63W31AADD	BR	112PLSC	12	--	10-23-1968	U	--	--	1,542
99N63W31BCCC	Kiel, Henry	211CDLL	412	3.0	--	H,S	--	--	1,575
99N63W32BBAA	De Waard, C. J.	211CDLL	400	5.0	04-07-1986	H	150 P	04-07-1986	1,600
99N63W33DDDD	SDGS	211CDLL	275	--	05-23-1968	U	--	--	1,465
99N63W34AAAA	BR	112DELM	12	--	10-23-1968	U	--	--	1,472
99N63W34BAAA	SDGS	112PLSC	44	--	08-06-1969	U	13	08-06-1969	1,447
99N63W34BBBB	SDGS	112PLSC	49	--	08-06-1969	U	8	08-06-1969	1,444
99N63W34BCBB	Bigge, Emil	112PLSC	290	3.0	--	H,S	--	--	1,455
99N63W34CDDD	SDGS	112PLSC	54	--	08-06-1969	U	13	08-06-1969	1,435
99N63W34DCDD	Fink, Arnold	211CDLL	400	2.0	--	S	--	--	1,448
99N63W35CCCC	Fink, Richard	112PLSC	160	2.0	1953	H,S	--	--	1,464
99N64W 1AAAB	SDGS	112PLSC	260	--	06-11-1968	U	--	--	1,569

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
99N64W 1B	Fischer, Francis	112CRSC	250	--	--	U	--	--	1,572
99N64W 1C	Zomer, Clarence	211CDLL	420	4.0	03-18-1978	--	160 P	03-21-1978	1,570
99N64W 3	City of Corsica	211CDLL	383	6.0	09-24-1981	P	150	09-24-1981	1,557
99N64W 3ACAC	City of Corsica	211CDLL	383	--	1981	P	--	--	1,550
99N64W 3BADD	City of Corsica	211CDLL	382	6.0	06- -1955	P	146 P	06-12-1961	1,555
99N64W 3BADD2	City of Corsica	211CDLL	395	6.0	1968	P	222 P	1968	1,550
99N64W 3BBA	City of Corsica	211CDLL	377	6.0	1929	P	150.20 P	06-12-1961	1,557
99N64W 3BCAA	City of Corsica	211CDLL	382	8.0	1932	P	222 P	1932	1,550
99N64W 3DCBB	Lefers, Dean	211CDLL	300	3.0	1966	H,S	--	--	1,530
99N64W 4AD	Kok, Corinlie	211CDLL	390	2.5	11-07-1973	--	--	--	1,560
99N64W 4ADAA	Schrank, John	211CDLL	332	2.0	1930	H,S	170	1930	1,565
99N64W 4BAAA	SDGS	112CRSC	275	--	09-20-1969	U	--	--	1,536
99N64W 4CCCC	Noteboom, Marion	211CDLL	383	3.5	05-18-1966	H	--	--	1,531
99N64W 5CAAA	Scholten, Fred	211CDLL	410	2.0	1954	H,S	--	--	1,560
99N64W 6ABBB	Vanden Hoek, A.	211CDLL	400	2.0	--	H,S	--	--	1,568
99N64W 6BBBB	SDGS	112TILL	215	--	05-09-1968	U	--	--	1,581
99N64W 6CCDD	Vanden Hoek, B.	211CDLL	400	2.0	--	H,S	--	--	1,589
99N64W 7BBBB	BR	112PLSC	12	--	10-24-1968	U	--	--	1,605
99N64W 8AA	Vanden Hoek, A.	211CDLL	360	5.0	12-10-1984	--	155	12-10-1984	1,538
99N64W 8BAAA	BR	112PLSC	11	--	10-24-1968	U	--	--	1,570
99N64W 9BCBB	Vanden Hoek, Cornie	211CDLL	376	3.0	04-18-1960	H,S	158	04-18-1960	1,549
99N64W 9BCC	Vanden Hoek, Steve	211CDLL	361	5.0	06-25-1983	H	154 P	06-25-1983	1,550
99N64W 9DDDD	Menning, Darrel	112PLSC	65	5.0	--	H,S	--	--	1,533
99N64W 10CCCC	Herrig, Leslie	112PLSC	420	2.0	1944	H,S	120	1944	1,534
99N64W 11AADD	Zomer, Egbert	211NBRR	300	3.0	--	H,S	--	--	1,552
99N64W 12BAAA	BR	112PLSC	12	--	10-24-1968	U	--	--	1,577
99N64W 12CCCC	Rus, John Jr.	211CDLL	400	2.0	1919	S	--	--	1,568
99N64W 13DD	De Haai, Lawrence	112PLSC	384	3.0	10-26-1965	--	--	--	1,575
99N64W 14AADD	Rus, George	112PLSC	400	2.0	--	H,S	--	--	1,560
99N64W 14CCCC	Leistra, John W.	112PLSC	430	2.0	1957	H,S	--	--	1,576

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
99N64W15BBCC	Baier, Calvin	211CDLL	485	2.0	1965	H,S	298	1967	1,535
99N64W16DDDD	SDGS	112PLSC	228	--	06-14-1968	U	--	--	1,561
99N64W17ADDD	Weerheim, Marvin	211CDLL	380	2.0	--	H,S	--	--	1,575
99N64W17DDDD	Vanden Hoek, J.	211CDLL	400	1.25	--	H,S	--	--	1,570
99N64W18AADD	BR	112PLSC	12	--	06-12-1969	U	--	--	1,619
99N64W19CBCC	Hawkes, Donald	211CDLL	336	3.0	1905	H,S	300	1905	1,635
99N64W19DDDD	Kennedy, Elwood	211CDLL	400	1.5	--	H,S	--	--	1,585
99N64W20DADD	VanderWal, Cornelius	211CDLL	468	2.0	--	H,S	--	--	1,560
99N64W21ABBB	USGS	112PLSC	123	--	07-11-1967	U	--	--	1,531
99N64W21BBAA	Putnam, George	211CDLL	360	3.0	1949	H,S	90	1967	1,540
99N64W22BB	De Vries, Robert	211CDLL	360	3.0	01-04-1968	--	--	--	1,570
99N64W24AAAA	SDGS	112PLSC	305	--	04-19-1968	U	--	--	1,565
99N64W24AB	Groen, Lyle	211CDLL	410	3.0	08-12-1971	--	--	--	1,580
99N64W24ABAA	Groen, Lyle	211CDLL	480	2.0	1917	H,S	--	--	1,590
99N64W25BCCC	Ronspies, Leo	211CDLL	462	4.0	1964	S	--	--	1,597
99N64W25DDDD	SDGS	112PLSC	305	--	06-10-1968	U	--	--	1,562
99N64W27BBBB	De Vries, Kenneth	211CDLL	420	2.0	--	H,S	--	--	1,549
99N64W27D	Klein, Arthur	211CDLL	390	4.0	08-19-1977	--	190 P	09-06-1977	1,590
99N64W27DDAA	Klein, Arthur	211CDLL	420	2.0	--	H,S	--	--	1,595
99N64W28DCCC	Patocka, Edward	211CDLL	420	3.0	1940	H,S	--	--	1,525
99N64W30DDCC	Bordewyk, John	211CDLL	400	2.0	--	H,S	--	--	1,600
99N64W31CCCC	Loneman, Virgil	211CDLL	400	3.0	--	H,S	--	--	1,624
99N64W33CDCC	USGS	112PLSC	123	--	07-10-1967	U	12	07-10-1967	1,509
99N64W34AABB	Van Zee, John	211CDLL	420	2.0	--	H,S	--	--	1,595
99N64W34BBBB	BR	112PLSC	12	--	10-23-1968	U	--	--	1,570
99N64W34CCCC	SDGS	112PLSC	215	--	10-01-1969	U	--	--	1,563
99N64W35BBAA	Crane, Earl	211NBRR	250	3.0	1964	H,S	--	--	1,580
99N64W36AADD	BR	112PLSC	12	--	06-11-1969	U	--	--	1,558
99N64W36ADAA	BR	112PLSC	16	--	10-23-1968	U	--	--	1,565
99N64W36CCCC	SDWR	211NBRR	236.4	2.0	04-21-1980	U	--	--	1,570

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
99N65W 3ABBB	Dykshorn, Charles	211CDLL	410	2.0	1907	H,S	150	1967	1,596
99N65W 4AADD	Hartog, Tony	211CDLL	400	2.0	--	H,S	198	1967	1,595
99N65W 4BABB	Feenstra, Charles	211CDLL	400	2.0	--	H,S	234	1967	1,600
99N65W 5AAAB	BR	112PLSC	12	--	10-06-1960	U	--	--	1,602
99N65W 5DDAA	Vander Ley, Art	211CDLL	400	2.0	--	H,S	--	--	1,615
99N65W 6ABBB	Vanderzee, Oscar	211CDLL	400	2.0	--	H,S	--	--	1,592
99N65W 7CAAA	Vander Ley, A.	211CDLL	400	2.0	--	H,S	--	--	1,620
99N65W 8ADAA	BR	112PLSC	12	--	10-24-1968	U	--	--	1,600
99N65W 8CCBB	DeJong, Frank	211CDLL	400	2.0	--	H,S	--	--	1,613
99N65W 12CCAA	Vanden Berge, Lloyd	211CDLL	410	2.0	--	H,S	200	1959	1,600
99N65W 13DDCC	Anderson, Chris	211CDLL	425	3.0	1926	H,S	260	1926	1,620
99N65W 13DDCC2	Anderson, Chris	211CDLL	415	3.0	--	H,S	260	07-21-1967	1,620
99N65W 13DDDD	SDGS	112PLSC	220	--	06-21-1968	U	--	--	1,614
99N65W 15CB BB	Baan Hofman, Leonard	211CDLL	400	1.5	--	H,S	--	--	1,626
99N65W 16DDDD	SDGS	112PLSC	275	--	06-24-1968	U	--	--	1,631
99N65W 18BAAA	Vander Heiden, John	211CDLL	400	3.0	--	H,S	--	--	1,610
99N65W 18CCCC	SDGS	112PLSC	260	--	09-23-1969	U	--	--	1,606
99N65W 18CDCC	Teeselink, John	211CDLL	400	2.0	1928	H,S	--	--	1,615
99N65W 18DDDD	Beukelman, Ray	211CDLL	480	2.0	--	H,S	--	--	1,635
99N65W 19BBAA	Nydam, John	211CDLL	380	2.0	--	H,S	100	1967	1,621
99N65W 20CBCC	Sipma, Peter	211CDLL	400	2.0	--	H,S	200	1967	1,650
99N65W 21DDDD	Denning, Ernest	211CDLL	445	3.0	1962	H,S	--	--	1,643
99N65W 22CB BB	Beukelman, C. E.	211CDLL	400	2.0	1923	H,S	--	--	1,638
99N65W 23AABB	Van Drongelen, C.	211CDLL	410	2.0	--	H,S	--	--	1,639
99N65W 23CCDD	Muckey, Ivan	211CDLL	450	3.5	1952	H,S	180	1967	1,630
99N65W 24CDDD	Beukelman, James	211CDLL	410	2.0	1895	H,S	--	--	1,650
99N65W 25CDDDB	Bringelson, Carl	211CDLL	400	2.0	1930	S	--	--	1,629
99N65W 26DCCC	Leddy Bros.	211CDLL	445	2.0	1917	H,S	--	--	1,649
99N65W 27CCCC	BR	112PLSC	12	--	10-23-1968	U	--	--	1,645
99N65W 27DD	Bordewyk, Roger	211DKOT	790	4.0	07-06-1971	--	--	--	1,645

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
99N65W27DDDD	Bordewyk, H.	211CDLL	400	2.5	--	H,S	185	1967	1,649
99N65W28AADD	De Vries, Peter	211CDLL	417	2.0	--	H,S	--	--	1,644
99N65W28DBBB	Plooster, Lyle	211CDLL	480	.75	--	H,S	260	1967	1,650
99N65W30BBBB	Muckey, Edwin	211CDLL	350	3.0	--	H,S	--	--	1,635
99N65W30CCCC	SDGS	112TILL	245	--	05-14-1968	U	--	--	1,657
99N65W30CDDD	Vanze, Robert	211CDLL	300	3.0	--	H,S	198	1967	1,661
99N65W31AABB	DeLange, Jake	211CDLL	400	2.0	--	H,S	--	--	1,650
99N65W31BCBC	BR	112PLSC	12	--	10-23-1968	U	--	--	1,656
99N65W32DBBA	Huber, Reinholt	211CDLL	400	2.0	--	H,S	--	--	1,660
99N65W32DCCC	Van de Minkelis, A.	211CDLL	400	2.0	--	H,S	--	--	1,658
99N65W33DBB	Denning, Ernest	211CDLL	456	2.0	03-28-1966	S	--	--	1,647
99N65W34CBBB	Wiersma, Arie	211CDLL	400	2.0	--	H,S	--	--	1,638
99N65W35DDDD	Mulder, Peter	211CDLL	350	3.0	1952	H,S	200	1967	1,610
99N66W 1AAAA	SDGS	112TILL	200	--	05-10-1968	U	--	--	1,598
99N66W 1AABB	Vander Ley, Bert	211CDLL	300	2.5	--	H,S	--	--	1,595
99N66W 1DDAA	Kok, Arthur	211CDLL	400	2.0	--	H,S	--	--	1,594
99N66W 2DACC	Vander Tuin, A.	211CDLL	400	2.0	--	H,S	--	--	1,599
99N66W 3DDCD	BR	112PLSC	12	--	10-24-1968	U	--	--	1,625
99N66W 4BBBB	SDGS	112TILL	215	--	09-22-1969	U	--	--	1,575
99N66W 4CCBB	Van Zee, Harold	211CDLL	370	2.0	--	H,S	--	--	1,574
99N66W 4DDAD	Van Zee, Orin	211CDLL	350	2.0	--	H,S	160	1967	1,585
99N66W 5BC	Hubers, Marvin	211DKOT	820	3.0	09- -1978	H,S	14	09- -1978	1,575
99N66W 5CCCC	Bolt, Harold	211CDLL	400	2.0	1917	H,S	198	1967	1,573
99N66W 6A	Dykshorn, William	211CDLL	350	--	08-13-1981	U	--	--	1,576
99N66W 6BAAA	Van Driesen, L.	211CDLL	400	2.0	--	H,S	162	1967	1,576
99N66W 8AAAA	Van Zee, Gerrit	211CDLL	375	2.0	1917	H,S	160	1967	1,580
99N66W 8ACCC	Hubers, Marvin	211CDLL	400	2.0	--	H,S	150	1967	1,575
99N66W 8BBBA	BR	112PLSC	12	--	10-24-1968	U	--	--	1,675
99N66W 8DDDD	Van Zee, Arie	211CDLL	400	1.25	--	H,S	--	--	1,572
99N66W 9CCCC	Bultje, Loren	211CDLL	383	2.0	1953	H,S	80	1967	1,570

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
99N66W10AADD	Vander Luit, H.	211CDLL	410	2.0	1906	H,S	230	1967	1,625
99N66W10CCCC	SDGS	112PLSC	215	--	09-22-1969	U	--	--	1,584
99N66W12BABBB	Leaf, Charlie	211CDLL	400	2.0	--	H,S	--	--	1,589
99N66W13AAAA	Vanden Hoek, K.	211CDLL	400	2.0	--	H,S	--	--	1,627
99N66W17AADD	Beltman, Wilbur	211CDLL	450	2.0	--	H,S	144	1967	1,575
99N66W18CCCC	Westra, Vincent	211CDLL	350	1.0	--	H,S	--	--	1,594
99N66W19AADD	Holland, Peter	211CDLL	300	2.0	--	H,S	--	--	1,590
99N66W21D	Gant, Mark	112PLSC	260	16.0	04-19-1977	--	--	--	1,600
99N66W21D2	Gant, Pat	112PLSC	254	4.0	11-29-1976	--	165	11-29-1976	1,600
99N66W22BBAA	Bok, Martin	211CDLL	400	3.0	--	H,S	180	1967	1,595
99N66W22CDCC	Bok, Wayne	211CDLL	400	1.0	--	H,S	195	1967	1,610
99N66W23BBDD	Van Zee, A.	211CDLL	400	3.0	--	H,S	--	--	1,622
99N66W23DADD	Vanden Hoek, J.	211CDLL	400	2.0	--	H,S	216	1967	1,640
99N66W24BBAA	Bultje, Herbert	211CDLL	400	3.0	--	H,S	--	--	1,635
99N66W25CAAD	Weisser, Dale	211CDLL	450	--	--	H,S	178	1967	1,650
99N66W25CCCC	Poelstra, John	211CDLL	474	2.0	1929	H,S	234	1967	1,672
99N66W35ABBB	Vander Pol, Dick	211CDLL	360	2.0	--	H,S	--	--	1,641
100N62W 7BAAA	Sprecher, Ewald	211CDLL	400	3.0	--	H,S	--	--	1,620
100N62W 8BAAA	Neugebauer, Lorenz	211CDLL	400	2.0	--	H,S	252	1967	1,575
100N62W 8DDAA	Neugebauer, G.	211CDLL	400	2.0	--	H,S	--	--	1,570
100N62W 9BBBB	Herbst, Clifford	211CDLL	400	3.0	--	H,S	--	--	1,553
100N62W 9CBCC	Goldammer, Adolph	211CDLL	400	2.0	--	H,S	--	--	1,570
100N62W 9DDCC	Sperlich, Arthur	211CDLL	350	2.0	1941	H,S	--	--	1,545
100N62W11BADD	Neugebauer, Albert	112PLSC	100	2.0	--	H,S	--	--	1,477
100N62W11BB	Geidel, Alvin	112PLSC	270	5.0	07-29-1952	S	170	07-29-1952	1,480
100N62W11CDDD	Geidel, Elmer	112PLSC	125	2.0	--	H,S	100	1967	1,485
100N62W12ADAA	Neugebauer, Herbert	112PLSC	100	3.0	1906	H,S	--	--	1,464
100N62W12CCCC	USGS	112TILL	110	--	04-24-1968	U	--	--	1,465
100N62W13DDDD	USGS	112PLSC	67	--	09-01-1966	U	--	--	1,460
100N62W14DD	Struck, Carl	211CDLL	318	--	09-23-1982	H,S	130 P	09-23-1982	1,490

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
100N62W15BBCC	Gerlach, Walter	211CDLL	315	4.0	06-11-1965	H,S	140	1966	1,531
100N62W15BCDD	Geidel, Donald	211CDLL	320	4.0	1959	H,S	188	1967	1,545
100N62W15CCCC	USGS	112PLSC	117	--	09-02-1966	U	--	--	1,541
100N62W17ADDD	Moege, Herbert	211CDLL	388	4.0	1957	H,S	--	--	1,582
100N62W18BBBB	Zangle, E.	211CDLL	360	2.0	--	H,S	--	--	1,659
100N62W18CCCC	SDGS	112TILL	185	--	06-06-1968	U	--	--	1,651
100N62W18DAAA	Reimnitz, Everett	211CDLL	320	2.0	--	H,S	--	--	1,628
100N62W18DDA	Baier, Gerald	211CDLL	480	5.0	08-31-1979	H	--	--	1,635
100N62W19BAAA	Geidel, Arnold	211CDLL	400	3.0	--	H,S	320	1967	1,653
100N62W19CDCC	Goldammer, Albert	211CDLL	400	3.0	--	H,S	280	1967	1,655
100N62W20BB	Storm, L.	211CDLL	489	5.0	04-13-1984	--	--	--	1,632
100N62W20BCCC	Jandersec, Ray	211CDLL	440	2.0	--	H,S	--	--	1,638
100N62W22BBAB	Wegehaupt, Robert	211CDLL	320	3.0	--	H,S	270	1967	1,546
100N62W23BABB	Emmanuel Luth. Church	211CDLL	275	3.0	1962	H	--	--	1,510
100N62W24AABD	Geidel, Gilbert	211CDLL	227	3.0	1961	H,S	--	--	1,480
100N62W25BBCC	Wenzel, Walter	211CDLL	300	2.0	--	H,S	--	--	1,500
100N62W27AABB	Schnell, Paul	211CDLL	317	3.0	1963	H	270	1967	1,542
100N62W27AABB2	Schnell, Paul	211CDLL	300	2.0	--	S	170	1967	1,542
100N62W27CCCC	SDGS	112PLSC	170	--	10-07-1969	U	--	--	1,562
100N62W27CCDD	Moege, Emil	211CDLL	327	3.0	--	H,S	234	1967	1,575
100N62W27DAAA	Reichert, Robert	211CDLL	310	2.5	--	H	--	--	1,540
100N62W28CCCC	Gerlach, Martin	211CDLL	325	2.0	--	H,S	--	--	1,610
100N62W29BCBB	Walters, Donald	211CDLL	325	4.0	1959	H,S	--	--	1,620
100N62W29CBDD	Gerlach, Reinholt	211CDLL	318	2.0	--	H,S	288	1967	1,617
100N62W29DDDA	BR	112PLSC	11	--	06-12-1969	U	--	--	1,613
100N62W30BABB	Goldammer, Albert	211CDLL	400	3.0	--	S	--	--	1,655
100N62W30DAAA	Geidel, William	211CDLL	400	4.0	1964	H,S	288	1967	1,622
100N62W31ABBB	Olawsky, Ray	211CDLL	400	1.5	--	H,S	--	--	1,640
100N62W32CACC	Gerlach, William	211CDLL	380	2.0	1889	H,S	--	--	1,603
100N62W33AAAA	Moege, Willard	211CDLL	345	2.0	1910	H,S	234	1967	1,577

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
100N62W35CB BB	Geidel, Herbert	211CDLL	300	3.0	--	H,S	--	--	1,546
100N62W35DD CC	Sperlich, John	211CDLL	325	2.0	1913	H,S	130	1967	1,527
100N62W35DD CC2	Sperlich, John	211CDLL	325	2.0	1926	H,S	130	1967	1,527
100N63W 7BB BB	Stredoe, Fred	211CDLL	400	4.0	--	H,S	--	--	1,614
100N63W 8AAA A	SDGS	112PLSC	29	--	08-07-1969	U	6	08-07-1969	1,580
100N63W 8BB BB	SDGS	211CDLL	470	--	06-26-1978	U	--	--	1,610
100N63W 9AAA A	Tecklenburg, Donald	211CDLL	385	--	1946	H,S	--	--	1,627
100N63W 9AD DD	SDGS	112TILL	54	--	08-07-1969	U	--	--	1,593
100N63W10BB BB	SDGS	112TILL	110	--	10-06-1969	U	--	--	1,616
100N63W10DCCC	SDGS	112PLSC	54	--	08-07-1969	U	--	--	1,604
100N63W11CABB	Schrank, Walter	211CDLL	420	2.0	1934	H,S	--	--	1,650
100N63W13BCAA	Gerlach, Vernon	211CDLL	475	3.0	--	H,S	--	--	1,680
100N63W13CCCC	BR	112PLSC	12	--	10-25-1968	U	--	--	1,666
100N63W13DCDD	Gerlach, Gerhard	211CDLL	540	4.0	1957	H	400	1967	1,692
100N63W13DDDD	USGS	112TILL	87	--	09-02-1966	U	--	--	1,699
100N63W15AAA A	SDGS	112PLSC	66	--	08-07-1969	U	--	--	1,614
100N63W15ABBB	Schrank, Walter Jr.	211CDLL	396	2.0	06- -1967	H,S	--	--	1,600
100N63W15BB DD	Metzger, Vernon	211CDLL	400	--	1937	H,S	--	--	1,605
100N63W15CCCC	Moore, Walter	211CDLL	400	4.0	--	H,S	--	--	1,603
100N63W17CCDC	BR	112PLSC	12	--	10-25-1968	U	--	--	1,598
100N63W18AABB	Schrank, Clifford	211CDLL	400	1.25	--	H,S	--	--	1,594
100N63W18CCCC	SDGS	112PLSC	215	--	04-24-1968	U	--	--	1,590
100N63W18DCCC	Schwartz, Herman	211CDLL	398	2.0	1917	H,S	--	--	1,593
100N63W19AAA A	Goddickson, Leonard	211CDLL	420	3.0	1926	H,S	--	--	1,594
100N63W20BB BB	Goddickson, Leonard	211CDLL	400	--	1951	H,S	--	--	1,594
100N63W20DDCD	Walma, John	211CDLL	340	3.0	--	U	70	1967	1,550
100N63W21DBCC	Walma, John	211CDLL	350	2.0	--	H,S	--	--	1,549
100N63W22CC	Holstein, R.	211CDLL	410	5.0	09-11-1984	--	--	--	1,602
100N63W22CCBB	Holstein, Roland	211CDLL	400	2.0	1931	H,S	200	1967	1,600
100N63W23DDCB	Pickart, J.	211CDLL	390	2.0	--	H	--	--	1,597

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
100N63W23DDCB2	Pickart, J.	112PLSC	20	2.0	1950	H	20	1967	1,597
100N63W25CCDA	Gerlach, Lorenz	211CDLL	380	--	1928	H,S	288	1967	1,650
100N63W26CCCC	Gardemann, Lyle	211CDLL	390	2.0	--	H,S	234	1967	1,562
100N63W26DCCC	Bamberg, Leroy	211CDLL	380	1.5	--	H,S	162	1967	1,606
100N63W27CCDC	Bamberg, Louie	211CDLL	400	1.25	--	H,S	--	--	1,535
100N63W27DCCC	Bamberg, H.	211CDLL	400	3.0	--	H,S	--	--	1,540
100N63W28BBBB	SDGS	112TILL	65	--	10-06-1969	U	--	--	1,588
100N63W29BACC	Spaans, A.	211CDLL	380	2.5	--	H	--	--	1,590
100N63W29BCCC	Spaans, A.	211CDLL	360	3.0	1961	S	--	--	1,619
100N63W29DDCC	Eggers, William	211CDLL	350	2.0	--	H,S	--	--	1,640
100N63W30BCAA	Spaans, Ben	211CDLL	400	1.0	--	H,S	180	1967	1,602
100N63W32ABBA	BR	112PLSC	13	--	06-12-1969	U	--	--	1,640
100N63W32BBBB	Beukelman, Abe	211CDLL	472	2.0	--	H,S	215	1967	1,621
100N63W35ADAC	Bamberg, Leroy	211CDLL	380	1.5	--	S	--	--	1,593
100N64W 7CCCC	SDGS	112PLSC	450	--	05-20-1968	U	--	--	1,579
100N64W 7CDDD	Kelly, Francis	112PLSC	385	3.0	1966	S	--	--	1,582
100N64W 8AAAB	SDGS	112PLSC	9	--	08-13-1969	U	--	--	1,560
100N64W 8CCCB	Isakson, A.	112PLSC	180	3.0	1940	H,S	56	1940	1,565
100N64W10AAAB	SDGS	112PLSC	24	--	08-13-1969	U	--	--	1,550
100N64W10BBBB	SDGS	112CRSC	215	--	06-18-1968	U	--	--	1,554
100N64W11AACC	Dykstra, George	211CDLL	350	--	1965	H,S	--	--	1,537
100N64W11BBBB	SDWR	112CRSC	178.3	2.0	04-25-1977	--	--	--	1,550
100N64W11CAAD	Bosma, Isaac	211CDLL	345	2.5	1947	H,S	--	--	1,560
100N64W11CCDD	Bosma, Isaac	211CDLL	345	2.0	--	H,S	--	--	1,570
100N64W12CCCC	SDGS	112PLSC	51	--	08-14-1969	U	13	08-14-1969	1,545
100N64W12DCDD	Bartelt, Warner	112PLSC	15	36	--	H,S	10	1967	1,580
100N64W13BAAD	Muilenberg, Peter	211CDLL	400	1.0	--	H,S	198	1967	1,554
100N64W13CC	Bartelt, James	112PLSC	285	5.0	04-27-1983	--	--	--	1,550
100N64W13DADD	Spaans, Herman	211CDLL	350	2.5	--	H,S	250	1967	1,587
100N64W14DDBC	Ommen, Clifford	211CDLL	400	2.0	--	H,S	198	1967	1,551

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
100N64W14DDCD	SDGS	112PLSC	34	--	08-14-1969	U	--	--	1,539
100N64W15BBBB	Van Vuuren, Bernard	211NBRR	250	2.0	1935	H,S	--	--	1,570
100N64W15DDAA	BR	112PLSC	12	--	10-25-1968	U	--	--	1,574
100N64W15DDDD	Mosterd, John	211CDLL	400	2.0	1919	H,S	234	1967	1,573
100N64W17AADD	Vanden Hoek, A.	211CDLL	376	2.0	1954	H,S	216	1967	1,569
100N64W19BABB	DeCook, Arie	211CDLL	365	2.0	1955	H,S	--	--	1,550
100N64W20CBBB	BR	112PLSC	7	--	10-24-1968	U	--	--	1,561
100N64W21AACB	Gruenewald, Orval	211CDLL	400	2.0	1954	H,S	--	--	1,562
100N64W21C	--	112CRSC	180	--	--	H	--	--	1,575
100N64W21DAAA	SDGS	112CRSC	180	1.25	06-18-1968	U	36	07-03-1968	1,566
100N64W21DDDC	Vanden Hoek, C.	211CDLL	400	3.0	--	H,S	--	--	1,585
100N64W24CBBB	Olivier, Lloyd	211CDLL	460	2.0	--	H,S	--	--	1,579
100N64W25DCCD	Noteboom, Martin	211CDLL	360	--	--	H,S	54	1967	1,593
100N64W26ADDD	Ligtenberg, Roy	211CDLL	370	2.0	--	H,S	150	1967	1,600
100N64W26CDDC	Vanden Hoek, Lloyd	211CDLL	370	1.0	--	H,S	234	1967	1,595
100N64W26DD	Walnut Gve. Twp	211DKOT	937	--	--	U	--	--	1,550
100N64W27ADDD	Gruenewald, Leon	211CDLL	385	2.0	1928	H,S	--	--	1,596
100N64W28ADDD	Ligtenberg, A.	211CDLL	380	2.0	--	H,S	--	--	1,603
100N64W29AABB	Biesheuvel, Dick	211CDLL	380	1.0	--	H,S	120	1967	1,587
100N64W29BBBB	SDGS	112CRSC	440	--	06-19-1968	U	--	--	1,569
100N64W30CDCC	Schoon, Peter	211CDLL	380	2.0	--	H,S	162	1967	1,560
100N64W31BAAD	Vanden Hoek, Leo	211CDLL	380	2.0	--	H,S	180	1967	1,550
100N64W32BCBB	Van Roekel, John	211NBRR	250	2.0	1963	H,S	45	1967	1,540
100N64W32DDDD	Schoon, Jacob	211CDLL	300	3.0	1920	H,S	--	--	1,529
100N64W33ADDD	Hamburg, Mrs. Dean	211CDLL	350	2.0	--	H,S	--	--	1,570
100N64W33CCCC	Asmussen, Mrs. O.	211CDLL	350	2.5	--	H,S	--	--	1,530
100N64W33DDAA	BR	112PLSC	12	--	06-12-1969	U	--	--	1,560
100N64W33DDDD	Star, Vernon	211CDLL	350	2.0	1902	H,S	--	--	1,558
100N64W34CDDDD	Zomer, Herman	211CDLL	350	1.5	--	H,S	--	--	1,571
100N65W 8ABBB	Wolbrink, John	211CDLL	340	2.0	1936	H,S	180	1967	1,563

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
100N65W 8DAAD	Everson, Earl	211CDLL	365	2.0	1930	H,S	165	1967	1,570
100N65W 9AAAA	SDGS	112PLSC	29	--	08-14-1969	U	20	08-14-1969	1,579
100N65W 9ADAA	Bye, Bruce	211CDLL	390	2.0	1946	H,S	198	1967	1,575
100N65W 9DDAA	SDGS	112PLSC	19	--	08-14-1969	U	18	08-14-1969	1,575
100N65W 9DDDD	Markus, Ed	211CDLL	380	2.0	1900	H,S	190	1967	1,577
100N65W11CCBB	Maas, Ted	211CDLL	405	2.0	1963	H,S	100	1967	1,578
100N65W11DCCC	SDGS	112PLSC	24	--	08-14-1969	U	--	--	1,580
100N65W11DDDD	De Boer, Donald	211CDLL	380	2.0	1932	H,S	160	1967	1,584
100N65W12CBBC	SDGS	112PLSC	15	--	08-13-1969	U	--	--	1,590
100N65W12DCCC	Niewenhart, Eugene	211CDLL	385	2.0	1955	H,S	--	--	1,580
100N65W13BABA	SDGS	112PLSC	14	--	08-13-1969	U	--	--	1,580
100N65W13BBCC	SDGS	112PLSC	29	--	08-13-1969	U	--	--	1,581
100N65W13BCCB	Meeter, Evelyn	211CDLL	400	2.0	--	H,S	--	--	1,579
100N65W14AABB	De Boer, Orville	211CDLL	380	2.0	--	H,S	216	1967	1,580
100N65W14CB	Plooster, Robert	211CDLL	335	5.0	05-12-1978	H	335	05-12-1978	1,580
100N65W14CBBB	Plooster, Lester	211CDLL	400	2.0	1939	H,S	--	--	1,584
100N65W15AAAA	SDGS	112PLSC	170	--	06-27-1968	U	--	--	1,583
100N65W15DAAA	De Boer, Fred	211CDLL	367	3.0	1946	H,S	180	1967	1,581
100N65W15DAAA2	SDGS	112PLSC	19	--	08-14-1969	U	--	--	1,580
100N65W15DCAB	DeLange, Jake	211CDLL	367	2.5	1948	H,S	--	--	1,575
100N65W16DAAA	SDGS	112PLSC	24	--	08-14-1969	U	--	--	1,590
100N65W18BBBB	SDGS	112TILL	140	--	05-13-1968	U	--	--	1,563
100N65W18DDDA	DeLange, Hymna	211CDLL	350	2.0	--	H,S	--	--	1,576
100N65W19AAAA	BR	112PLSC	12	--	10-24-1968	U	--	--	1,582
100N65W20CDDD	Bye, Ingman	211CDLL	400	2.0	1903	H,S	220	1967	1,587
100N65W21AAAA	Oakland, Edgar	211CDLL	400	2.0	--	H,S	180	1967	1,574
100N65W22BCCC	Beukelman, Verne	211CDLL	300	2.0	--	H,S	280	1967	1,577
100N65W23BBBB	BR	112PLSC	12	--	10-24-1968	U	--	--	1,575
100N65W23BCCC	SDGS	112PLSC	9	--	08-14-1969	U	--	--	1,570
100N65W24CCCB	Baas, Clarence	211CDLL	364	2.0	1954	H,S	150	1967	1,594

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
100N65W26CCCC	Maas, Joe	211CDLL	360	2.0	1922	H,S	200	1967	1,599
100N65W27BDAA	Schryvers, Roy	211CDLL	360	--	1935	H,S	220	1967	1,585
100N65W29ADAD	Zomer, Chet	211CDLL	400	3.0	--	H,S	--	--	1,583
100N65W32BBAA	De Velder, Harley	211CDLL	400	2.0	--	H,S	--	--	1,603
100N65W33CADA	Plooster, Dean	211CDLL	400	1.25	--	H,S	--	--	1,601
100N65W34CCAC	SDGS	112PLSC	200	--	06-26-1968	U	--	--	1,598
100N65W34DDCC	De Boer, Gerrit	211CDLL	400	2.0	--	H,S	--	--	1,595
100N65W35DDDD	Lefers, Edmund	211CDLL	400	2.0	1918	H,S	--	--	1,607
100N66W 7AAAA	SDGS	112PLSC	44	--	08-12-1969	U	10	08-12-1969	1,558
100N66W 7ACCC	SDGS	112PLSC	34	--	08-13-1969	U	--	--	1,560
100N66W 7CCCC	SDGS	112PLSC	39	--	08-13-1969	U	15	08-13-1969	1,525
100N66W 7DCCC	SDGS	112PLSC	29	--	08-13-1969	U	29	08-13-1969	1,529
100N66W 8ABBA	SDGS	112PLSC	44	--	08-12-1969	U	21	08-12-1969	1,560
100N66W 9ABBB	SDGS	112PLSC	225	--	06-28-1968	U	--	--	1,587
100N66W 9ACDD	Holleman, Lyle	211NBRR	180	--	--	H,S	--	--	1,565
100N66W 9BBBB	USGS	112PLSC	123	--	07-11-1967	U	--	--	1,584
100N66W 9BCCC	SDGS	112PLSC	44	--	08-11-1969	U	15	08-11-1969	1,570
100N66W 9CCBC	SDGS	112PLSC	34	--	08-12-1969	U	9	08-12-1969	1,564
100N66W 9DDDD	SDGS	112PLSC	24	--	08-11-1969	U	--	--	1,555
100N66W10ADAA	Van Zee, Robert	211NBRR	220	2.0	--	H,S	--	--	1,562
100N66W10DCCC	SDGS	112PLSC	30	--	08-11-1969	U	--	--	1,559
100N66W10DDCC	Norden, Jake	211NBRR	180	1.5	--	H,S	175	1967	1,560
100N66W11AAAA	SDGS	112PLSC	14	--	08-11-1969	U	--	--	1,565
100N66W11DDAA	SDGS	112PLSC	34	--	08-11-1969	U	17	08-11-1969	1,559
100N66W12B	Wesseling, Harold	211CDLL	394	4.0	08-26-1981	--	179 P	08-26-1981	1,560
100N66W13BCCC	Veurink, H. J.	211CDLL	400	--	1957	H	--	--	1,568
100N66W13BCCC2	SDGS	112PLSC	24	--	08-11-1969	U	--	--	1,565
100N66W13DCCC	Overweg, John	211CDLL	390	3.0	1952	H,S	190	1967	1,575
100N66W14ABBB	Veurink, Ralph	211CDLL	365	2.0	--	H,S	216	1967	1,557
100N66W14CCDD	Veurink, Gradus	211CDLL	400	2.0	1910	H,S	200	1967	1,570

Table 2. Records of wells and test holes in Douglas County--Continued

Local number	Owner	Principal aquifer	Depth of well or test hole (feet)	Casing diameter (inches)	Date completed	Use of water	Water level (feet)	Date water level measured	Altitude of land surface (feet)
100N66W15CDDC	BR	112PLSC	12	--	10-24-1968	U	--	--	1,665
100N66W15DDDD	Dykstra, Gerrit	211CDLL	350	--	--	H,S	280	1967	1,568
100N66W16BCCC	SDGS	112PLSC	14	--	08-12-1969	U	--	--	1,555
100N66W17BAAA	SDGS	112PLSC	9	--	08-12-1969	U	--	--	1,550
100N66W17BBBB	SDGS	112PLSC	19	--	08-12-1969	U	--	--	1,550
100N66W17BCCC	SDGS	112PLSC	19	--	08-12-1969	U	--	--	1,540
100N66W17CCCC	SDGS	112PLSC	9	--	08-12-1969	U	--	--	1,545
100N66W18CBBC	SDGS	112PLSC	9	--	08-12-1969	U	--	--	1,530
100N66W19AAAA	Hubers, Luverne	211CDLL	408	2.0	1956	H,S	100	1967	1,544
100N66W20DCCC	Sterk, Peter	211NBRR	300	3.0	--	H,S	162	1967	1,564
100N66W21BDBB	Sterk, Mike	211NBRR	280	2.5	--	H,S	162	1967	1,566
100N66W22BBBB	Munneke, H. A.	211CDLL	400	2.0	--	H,S	--	--	1,564
100N66W22CBBC	SDGS	112TILL	215	--	06-28-1968	U	--	--	1,591
100N66W24ADAA	Hoekstra, A.	211CDLL	408	1.0	1963	H,S	160	1967	1,582
100N66W24CCBB	Van Zuidam, Dick	211CDLL	400	3.0	--	H,S	--	--	1,584
100N66W25CADC	Timmermans, John	211CDLL	400	2.0	--	H,S	--	--	1,593
100N66W25DDCB	Timmermans, John	211CDLL	400	2.0	--	S	--	--	1,600
100N66W30BBCC	Van Zee, John	211NBRR	280	3.0	1966	H,S	100	1967	1,550
100N66W30CCDC	Ringling, Harley	211CDLL	400	3.0	--	H,S	--	--	1,569
100N66W31DAAA	Van Zee, Margaret	211NBRR	200	3.0	--	H,S	--	--	1,576
100N66W32DADD	Vander Tuin, J. A.	211CDLL	400	2.0	1957	H,S	198	1967	1,578
100N66W33CCCD	Hansum, Herman	211CDLL	360	2.0	1943	H	--	--	1,575
100N66W33CDDD	Muilenberg, Arie	211CDLL	500	3.0	--	H,S	260	1967	1,579
100N66W34CCDA	Maas, Will	211CDLL	300	2.0	--	H,S	162	1967	1,585
100N66W35ADDD	Munneke, Howard	211CDLL	400	2.0	--	H,S	--	--	1,590

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Explanation

The following abbreviations and codes are used in table 3:

°C	- degree Celsius
μS/cm	- microsiemens per centimeter at 25 °Celsius
mg/L	- milligrams per liter
μg/L	- micrograms per liter
FET-FLD-	fixed end-point titration-field value
ND	- not detected
<	- less than
>	- greater than
--	- no data

Agency Collecting or Analyzing

810	- U.S. Army Corps of Engineers
1028	- U.S. Geological Survey
46001	- South Dakota State University Soils Laboratory
46002	- South Dakota Water Resources Institute
46003	- South Dakota Agricultural Experiment Station
46004	- South Dakota State Chemist
46006	- South Dakota State University, Department Station Biochemistry
46007	- South Dakota Department of Environment and Natural Resources, Division of Water Rights
46008	- South Dakota Department of Environment and Natural Resources, Division of Geological Survey
80020	- National Water-Quality Laboratory, Denver, Colorado
83113	- District Water-Quality Laboratory, Lincoln, Nebraska
84610	- National Uranium Resources Evaluation
84913	- U.S. Geological Survey Water Quality Laboratory, Salt Lake City, Utah
9746	- South Dakota--specific entity unknown
99001	- Private contractor

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:

Choteau	Pleistocene
Corsica	Till
Delmont	Codell
Geddes	Dakota
Greenwood	Niobrara
Intermediate	Pierre Shale

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties

Principal aquifer/ local identifier	Date of sample	Depth of well (feet) (00003)	Agency collecting sample (code number) (00027)	Agency analyzing sample (code number) (00028)	Water temper- ature (°C) (00010)	Specific conduct- ance (μS/cm) (00095)	pH (standard units) (00400)	Hardness total (mg/L as CaCO ₃) (00900)	Calcium, dissolved (mg/L as Ca) (00915)	Magne- sium, dissolved (mg/L as Mg) (00925)
Choteau aquifer										
94N61W19BBBD	11-08-76	30	1028	1028	--	995	7.3	450	130	30
94N61W19CCCC	10-26-66	29	1028	46002	11.0	1,480	7.4	720	250	24
95N62W 8ADDD	09-18-67	236	1028	1028	11.0	3,210	7.7	1,500	450	90
--do--	05- -69	236	1028	1028	--	2,990	7.2	1,300	380	78
--do--	03-03-75	236	1028	1028	--	1,640	7.1	960	270	70
--do--	08-24-79	236	1028	1028	21.0	2,650	--	1,500	440	100
95N62W18CAAC	02-13-76	200	1028	1028	--	2,190	7.4	470	130	36
95N62W33B	- -68	170	1028	1028	--	2,510	7.7	1,100	320	67
95N62W33BBBB	08-24-67	168	1028	46002	13.0	2,810	7.9	880	250	62
--do--	09-19-68	168	1028	1028	--	2,870	8.0	1,100	330	74
--do--	10-02-68	168	1028	1028	--	2,510	7.7	1,100	320	67
--do--	07-10-73	168	1028	1028	--	2,460	6.3	750	250	29
--do--	08-24-79	168	1028	1028	21.0	1,860	--	550	160	36
95N63W 4ABDA	11-10-54	231	46004	46004	--	--	7.6	390	110	27
--do--	04-26-66	231	1028	1028	--	--	7.8	160	23	26
--do--	08-30-72	231	1028	1028	--	2,270	8.2	390	120	23
95N63W 4DABB	01-17-70	243	1028	99001	--	--	7.4	480	110	49
--do--	08-30-72	243	1028	1028	--	--	8.1	420	130	23
--do--	01-13-76	243	1028	1028	--	2,470	7.8	420	120	29
96N62W18AAC	09-02-76	300	1028	1028	--	2,380	7.1	1,200	400	52
96N63W 3DCDA	04-08-81	180	1028	1028	--	2,700	8.5	1,500	260	200
96N63W 8BDBB	01-27-75	240	1028	1028	--	2,070	7.4	400	120	24
--do--	04-11-80	240	1028	1028	--	1,820	7.5	270	78	18
96N63W10DDB	- -76	200	1028	1028	--	234	7.0	490	130	38
--do--	04-08-77	200	1028	1028	--	1,640	7.5	410	120	26
96N63W14BBBB	11-21-72	210	1028	1028	--	2,550	7.6	740	240	36
--do--	08-21-79	210	1028	1028	21.0	2,450	--	670	200	45
96N63W16CCCC	06-27-67	200	46002	46002	16.0	1,980	8.4	320	120	3.8
--do--	08-24-67	200	1028	1028	--	1,980	8.4	310	120	3.8
--do--	05- -69	200	1028	1028	--	1,960	7.8	310	88	23
--do--	06-13-74	200	1028	1028	--	2,060	7.7	340	100	23
96N63W16D	09-09-75	181	1028	1028	--	1,970	8.2	340	91	27
96N63W16DDB	- -76	255	1028	1028	--	2,110	7.2	340	120	12
96N63W17D	04-21-75	155	1028	1028	--	1,880	7.1	480	130	37
96N63W17DDA	04-21-75	155	1028	1028	--	1,880	7.1	440	130	27

Sodium, dis- solved (mg/L as Na) (00930)	Potas- sium, dis- solved (mg/L as K) (00935)	Chloride, dis- solved (mg/L as Cl) (00940)	Sulfate, dis- solved (mg/L as SO ₄) (00945)	Fluoride, dis- solved (mg/L as F) (00950)	Silica, dis- solved (mg/L as SiO ₂) (00955)	Bicar- bonate FET- FLD (mg/L as HCO ₃) (00440)	Carbo- nate FET- FLD (mg/L as CO ₃) (00445)	Nitro- gen, nitrate total (mg/L as N) (00620)	Solids, sum of consti- tuents, dis- solved (mg/L) (70301)	Iron, total recover- able (µg/L as Fe) (01045)	Manga- nese, total recover- able (µg/L as Mn) (01055)	Boron, dis- solved (µg/L as B) (01020)
27	9.0	12	420	--	--	160	--	--	710	--	--	--
39	9.4	10	500	--	--	280	0	--	968	--	--	--
250	42	16	1,500	--	--	320	--	--	2,560	--	--	--
280	33	15	1,900	--	--	--	--	0.140	2,720	2,300	--	1,400
160	28	37	1,000	--	--	63	--	1.70	1,600	80	--	970
260	--	15	1,800	0.41	--	--	--	--	3,000	2,200	4,100	--
420	30	150	850	--	--	180	--	--	1,700	--	--	--
320	33	36	--	--	--	--	--	3.00	--	--	--	--
300	25	68	1,100	--	--	--	--	.150	1,850	690	--	--
300	30	36	1,500	.40	17	260	ND	.100	2,460	780	1,400	1,800
320	33	36	1,700	--	--	--	--	2.60	2,550	ND	--	--
290	30	83	1,200	--	--	300	--	.280	2,030	190	--	1,200
310	--	120	850	.49	--	--	--	--	--	80	2,300	--
--	--	150	920	.80	--	220	--	.00	--	120	--	--
400	22	130	920	.70	--	200	--	--	1,620	--	--	--
390	20	150	930	--	--	190	--	.00	1,720	1,800	1,700	--
--	--	140	600	.0	--	270	0	--	--	--	--	--
380	20	140	920	1.1	--	210	--	1.00	1,720	500	2,000	--
390	23	140	930	.60	--	200	--	1.00	1,720	540	2,000	--
130	39	10	1,200	--	--	410	--	--	2,010	--	--	--
370	31	120	1,900	--	--	180	29	--	3,020	--	--	--
360	25	170	610	--	--	250	--	--	1,440	--	--	--
320	16	220	420	--	--	310	--	--	1,230	--	--	--
370	28	47	--	--	--	--	--	--	--	--	--	--
230	26	45	530	--	--	330	--	--	1,140	--	--	--
260	28	25	1,000	--	--	--	--	.100	1,730	110	--	690
330	--	100	820	.40	--	--	--	--	--	1500	1,200	--
320	20	220	410	--	--	240	--	--	1,210	--	--	--
320	20	220	410	--	--	--	--	1.20	1,220	2,900	--	--
330	21	200	560	--	--	--	--	.310	1,370	2,000	--	1,800
360	28	220	490	--	--	280	--	.100	1,360	60	--	2,100
390	6.0	140	500	--	--	350	--	--	1,320	--	--	2,700
320	33	130	--	--	--	--	--	--	--	--	--	--
360	29	150	580	--	--	280	--	--	1,420	--	--	--
360	29	150	580	--	--	280	--	--	1,410	--	--	--

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties 99

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties--Continued

Principal aquifer/ local Identifier	Date of sample	Depth of well (feet) (00003)	Agency collecting sample (code number) (00027)	Agency analyzing sample (code number) (00028)	Water temper- ature (°C) (00010)	Specific conduct- ance (µS/cm) (00095)	pH (standard units) (00400)	Hardness total (mg/L as CaCO ₃) (00900)	Calcium, dissolved (mg/L as Ca) (00915)	Magne- sium, dissolved (mg/L as Mg) (00925)
Choteau aquifer (Cont.)										
96N63W19ABCC	03-21-77	220	1028	1028	--	699	7.2	94	26	7.0
--do--	06-03-77	220	1028	1028	--	1,970	7.2	320	100	14
96N63W20AAAB	05-15-80	183	1028	1028	--	1,800	7.9	260	60	26
96N63W22BBD	06-14-76	200	1028	1028	--	1,610	7.3	520	150	35
96N63W22CCA	06-14-76	200	1028	1028	--	1,610	7.3	520	150	35
96N63W24BBBC	07-10-73	231	1028	1028	--	2,150	7.7	670	220	31
--do--	08-21-79	231	1028	1028	21.0	2,850	--	930	260	72
96N63W26C	04-21-75	175	1028	1028	--	2,030	7.1	440	130	29
96N63W26DDDD	08-01-68	188	1028	46002	12.0	1,710	7.8	320	100	18
--do--	05- -69	188	1028	1028	--	1,980	7.7	410	120	30
--do--	06-13-74	188	1028	1028	--	1,910	7.5	400	110	30
--do--	08-21-79	188	1028	1028	25.0	1,600	--	320	88	24
96N63W34DCDD	12-17-57	158	46004	46004	--	--	8.3	340	100	20
96N63W35BCCC	06-30-75	220	1028	1028	--	1,630	7.3	780	200	67
96N64W 6D	07-09-75	204	1028	1028	--	2,390	7.8	330	90	26
96N64W 8CBBB	00-00-65	283	46008	46008	--	--	7.3	500	140	34
96N64W12ACCA	- -68	290	1028	1028	--	2,250	--	360	120	17
--do--	05-04-76	290	1028	1028	--	2,170	8.1	400	120	24
96N64W12CBBB	08-01-68	233	1028	46002	12.0	2,250	8.0	370	120	17
--do--	10-17-69	233	1028	1028	--	2,410	7.5	500	150	30
96N64W12CBBB	08-21-79	233	1028	1028	25.0	2,200	--	340	100	23
96N64W18ADAB	- -65	200	46008	46008	--	--	7.5	180	59	8.0
96N64W19AAAA	- -65	248	46008	46008	--	--	8.2	340	80	34
96N64W20AAAA	- -65	242	46008	46008	--	--	7.3	530	150	38
96N65W 1ABCB	08-06-64	176	1028	46001	14.5	2,450	7.6	460	130	34
--do--	07-14-67	176	1028	46002	--	2,810	7.4	840	250	53
--do--	08-01-67	176	1028	46002	--	2,340	7.4	540	160	33
--do--	08-16-67	176	1028	46002	14.0	2,740	7.4	540	180	22
96N65W 1BBBB	06- -65	175	46008	46008	--	--	7.2	520	150	34
96N65W 3AABB	06- -65	140	46008	46008	--	--	7.4	580	180	29
96N65W 4CDCA	10- -53	200	1028	1028	--	--	7.5	670	190	45
--do--	02-13-57	200	46004	46004	--	--	7.6	760	210	56
--do--	09- -65	200	1028	1028	--	--	6.9	730	220	46
--do--	01-11-71	200	1028	1028	--	--	7.2	750	230	43
96N65W 5DADD	10-17-69	147	1028	1028	--	1,700	7.6	470	140	29

Sodium, dis- solved (mg/L as Na) (00930)	Potas- sium, dis- solved (mg/L as K) (00935)	Chloride, dis- solved (mg/L as Cl) (00940)	Sulfate, dis- solved (mg/L as SO ₄) (00945)	Fluoride, dis- solved (mg/L as F) (00950)	Silica, dis- solved (mg/L as SiO ₂) (00955)	Bicar- bonate FET- FLD (mg/L as HCO ₃) (00440)	Carbo- nate FET- FLD (mg/L as CO ₃) (00445)	Nitro- gen, nitrate total (mg/L as N) (00620)	Solids, sum of consti- tuents, dis- solved (mg/L) (70301)	Iron, total recover- able (µg/L as Fe) (01045)	Manga- nese, total recover- able (µg/L as Mn) (01055)	Boron, dis- solved (µg/L as B) (01020)
120	6.0	79	200	--	--	120	--	--	497	--	--	--
290	23	210	410	--	--	300	--	--	1,200	--	--	--
300	26	250	480	--	--	210	--	1.60	1,240	310	--	1,700
270	28	120	450	--	--	530	--	--	1,310	--	--	--
270	28	120	450	--	--	530	--	--	1,310	--	--	--
210	28	36	960	--	--	460	--	.110	1,710	60	--	750
360	--	110	1,100	0.42	--	--	--	--	--	700	1,900	--
360	28	150	610	--	--	270	--	--	1,440	--	--	--
260	19	130	500	--	--	310	--	--	1,180	--	--	--
280	22	120	600	--	--	--	--	ND	1,330	280	--	950
330	24	140	480	--	--	360	--	.010	1,290	80	--	800
270	--	150	330	.40	--	--	--	--	--	<50	1,700	--
410	19	250	600	.60	--	260	--	.800	1,530	200	1,600	--
120	10	39	620	--	--	290	--	--	1,200	--	--	--
510	32	250	560	--	--	350	--	--	1,640	--	--	--
--	--	250	940	--	--	--	--	--	1,970	--	--	--
400	24	220	--	--	--	--	--	--	--	80	--	--
330	27	210	510	--	--	290	12	--	1,380	--	--	--
400	26	220	690	--	--	280	--	--	1,610	--	--	--
390	27	190	810	--	--	--	--	ND	1,740	10	--	3,500
400	--	200	580	.41	--	--	--	--	--	70	1,500	--
--	--	78	72	--	--	--	--	--	810	--	--	--
--	--	130	210	--	--	--	--	--	--	--	--	--
--	--	140	840	--	--	--	--	--	1,870	--	--	--
460	27	180	1,100	--	--	330	0	--	2,090	--	--	--
440	29	140	1,000	--	--	350	--	--	2,080	--	--	--
410	25	140	800	--	--	300	--	--	1,720	--	--	--
290	40	160	780	--	--	300	--	--	1,620	--	--	1,800
--	--	160	940	--	--	--	--	--	--	60	1,400	--
--	--	120	980	--	--	--	--	--	--	800	--	--
--	--	17	620	.65	--	330	--	.00	--	900	--	--
140	26	27	730	.60	--	360	--	.00	1,370	700	2,800	--
180	26	52	810	.60	--	320	--	3.00	1,480	400	3,200	--
180	73	58	830	.57	--	310	--	.00	1,560	400	2,700	--
210	27	20	750	--	--	--	--	ND	1,280	ND	--	1,400

Table 3. Chemical analyses of ground water in Cherles Mix and Douglas Counties 101

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties--Continued

Principal aquifer/ local Identifier	Date of sample	Depth of well (feet) (00003)	Agency collecting sample (code number) (00027)	Agency analyzing sample (code number) (00028)	Water temper- ature (°C) (00010)	Specific conduct- ance (μS/cm) (00095)	pH (at standard units) (00400)	Hardness total (mg/L as CaCO ₃) (00900)	Calcium, dissolved (mg/L as Ca) (00915)	Magne- sium, dissolved (mg/L as Mg) (00925)
Choteau aquifer (Cont.)										
96N65W 5DADD	08-20-79	147	1028	1028	25.0	1,600	--	430	130	26
96N65W 5DCC	09-29-56	164	1028	46001	--	1,400	8.2	620	120	78
--do--	- -65	164	46008	46008	--	--	7.5	370	110	22
96N65W 8AAAC	- -68	140	1028	1028	--	1,270	7.8	490	140	31
96N65W 8AABB	01-29-81	96	1028	1028	--	1,190	7.3	630	170	48
96N65W 9ADBA	10-03-69	123	1028	1028	12.0	2,360	7.7	1,200	250	150
--do--	10-09-69	123	1028	46002	--	2,360	7.7	1,200	250	150
--do--	10-17-69	123	1028	1028	--	2,460	7.6	1,100	300	73
--do--	06-13-74	123	1028	1028	--	2,920	7.6	1,300	390	81
--do--	08-23-79	123	1028	1028	--	2,720	--	950	250	78
96N65W12ACAA	08-25-76	200	1028	1028	--	1,710	7.0	920	280	56
97N62W30DDB	- -76	180	1028	1028	--	1,350	7.4	690	190	54
--do--	08-19-76	180	1028	1028	--	2,500	7.4	690	210	40
97N62W31DDDD	08-21-79	225	1028	1028	21.0	3,350	--	--	--	--
97N63W 2DDDD	11-21-72	168	1028	1028	--	2,060	7.3	960	300	51
--do--	08-23-79	168	1028	1028	21.0	1,950	--	850	230	71
97N63W 4DACB	02-11-77	190	1028	1028	--	1,640	7.4	380	110	27
97N63W11D2	02-18-82	170	1028	1028	--	2,100	7.6	1,200	370	72
97N63W17DBCC	- -76	210	1028	1028	--	1,950	7.1	200	60	13
--do--	04-07-81	210	1028	1028	--	1,550	8.1	300	68	31
97N63W20C	02-16-82	210	1028	1028	--	1,800	8.0	260	64	24
97N63W26AAAA	05-15-80	202	1028	1028	--	1,850	6.9	180	40	19
97N63W28DDDD	06-21-67	166	1028	46002	16.0	2,410	6.6	820	220	65
--do--	05- -69	166	1028	1028	--	1,710	6.9	500	140	37
--do--	06-13-74	166	1028	1028	--	1,980	6.2	510	150	32
--do--	08-24-79	166	1028	1028	21.0	1,600	--	490	140	33
97N63W30BDBB	- -75	175	1028	1028	--	1,890	8.0	84	22	7.0
97N63W32AAC	12-11-80	190	1028	1028	--	1,840	7.2	210	56	17
--do--	01-19-81	190	1028	1028	--	1,920	7.2	400	120	26
--do--	04-16-81	190	1028	1028	--	1,700	7.6	400	110	29
97N63W33AAAA	05-15-80	183	1028	1028	--	2,150	7.8	740	200	58
97N64W10BACC	- -68	200	1028	1028	--	1,890	7.5	200	62	12
--do--	- -75	200	1028	1028	--	1,940	7.7	190	54	14
--do--	12-16-75	200	1028	1028	--	1,920	7.5	290	80	21
97N64W10BADC	08-01-68	240	1028	46002	13.0	1,880	7.5	200	62	12

Sodium, dis- solved (mg/L as Na) (00930)	Potas- sium, dis- solved (mg/L as K) (00935)	Chloride, dis- solved (mg/L as Cl) (00940)	Sulfate, dis- solved (mg/L as SO ₄) (00945)	Fluoride, dis- solved (mg/L as F) (00950)	Silica, dis- solved (mg/L ss SiO ₂) (00955)	Bicar- bonate FET- FLD (mg/L as HCO ₃) (00440)	Carbo- nate FET- FLD (mg/L as CO ₃) (00445)	Nitro- gen, nitrata total (mg/L as N) (00620)	Solids, sum of consti- tuants, dis- solved (mg/L) (70301)	Iron, total recover- able (µg/L ss Fe) (01045)	Manga- nese, total recover- able (µg/L as Mn) (01055)	Boron, dis- solved (µg/L as B) (01020)
200	--	18	660	0.42	--	--	--	--	--	<50	1,700	--
69	13	20	370	--	--	370	0	--	851	--	--	--
--	--	.0	290	--	--	--	--	--	--	--	--	--
77	18	7.0	--	--	--	--	--	--	--	780	--	--
52	14	20	430	--	--	310	--	--	889	--	--	--
190	30	70	960	--	--	290	--	--	1,790	--	--	--
190	30	70	950	--	--	--	--	0.800	1,780	80	--	--
220	32	72	1,100	--	--	--	--	ND	1,950	20	--	1,700
300	38	120	1,100	--	--	440	--	.020	2,280	10	--	1,500
280	--	250	920	.31	--	--	--	--	--	7,000	1,200	--
120	30	12	750	--	--	480	--	--	1,480	--	--	--
63	12	10	--	--	--	--	--	--	--	--	--	--
390	27	150	900	--	--	370	--	--	1,890	--	--	--
280	--	11	2,000	.76	--	--	--	--	--	--	--	--
60	16	12	890	--	--	--	--	.040	1,470	110	--	120
110	--	20	860	.21	--	--	--	<.500	--	2,900	4,100	--
240	21	160	410	--	--	280	--	--	1,100	--	--	--
42	16	9.0	1,200	--	--	--	ND	--	1,710	--	--	220
450	25	150	--	--	--	--	--	--	--	--	--	--
280	23	130	560	--	--	210	--	--	1,210	--	--	--
340	31	170	670	--	--	220	ND	--	1,410	--	--	2,700
330	28	52	610	--	--	260	--	2.45	1,200	1,100	--	200
290	23	86	1,000	--	--	160	--	--	1,760	--	--	--
250	17	120	770	--	--	--	--	.560	1,400	28,000	--	1,200
260	20	170	600	--	--	93	--	.130	1,280	94,000	--	1,000
250	--	150	680	.46	--	--	--	--	--	--	2,300	--
450	24	200	--	--	--	--	--	--	--	--	--	--
340	22	210	480	--	--	140	--	--	1190	--	--	--
300	25	230	490	--	--	230	--	--	1,310	--	--	--
340	30	180	450	--	--	460	--	--	1,370	--	--	--
280	24	36	1,000	--	--	250	--	1.90	1,770	2,400	--	2,900
320	18	140	--	--	--	--	--	--	--	30	--	--
450	22	240	--	--	--	--	--	--	--	--	--	--
330	26	80	590	--	--	330	--	--	1,290	--	--	--
320	18	140	500	--	--	250	--	--	1,180	--	--	1,400

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties 103

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties--Continued

Principal aquifer/ local identifier	Date of sample	Depth of well (feet) (00003)	Agency collecting sample (code number) (00027)	Agency analyzing sample (code number) (00028)	Water temper- ature (°C) (00010)	Specific conduct- ance (µS/cm) (00095)	pH (standard units) (00400)	Hardness total (mg/L as CaCO ₃) (00900)	Calcium, dissolved (mg/L as Ca) (00915)	Magne- sium, dissolved (mg/L as Mg) (00925)
Choteau aquifer (Cont.)										
97N64W10CDBA	08-09-67	206	1028	46002	13.5	2,450	7.6	370	110	24
97N64W11BAAA	10-02-69	221	1028	46002	12.0	2,230	8.4	250	46	33
--do--	10-09-69	221	1028	1028	--	2,230	8.4	240	40	33
--do--	06-13-74	221	1028	1028	--	--	--	--	--	--
--do--	08-22-79	221	1028	1028	23.0	2,220	--	150	43	10
97N64W11CACB	02-22-57	200	1028	46001	11.0	1,500	7.8	200	53	16
--do--	03-03-57	200	1028	46001	--	1,500	8.1	150	42	12
--do--	07-14-67	200	1028	46002	--	2,220	8.0	220	80	5.0
--do--	08-01-67	200	1028	46002	--	1,780	7.6	180	58	9.0
--do--	08-08-67	200	1028	46002	11.0	3,260	7.9	830	150	110
--do--	08-17-67	200	1028	46002	--	1,990	7.6	180	62	6.0
97N64W13AAC	04-12-79	220	1028	1028	--	1,880	7.3	380	120	20
97N64W14BBBB	08-02-68	209	1028	46002	12.0	1,900	7.9	210	64	12
--do--	10-16-69	209	1028	1028	--	1,820	7.8	200	61	12
--do--	08-22-79	209	1028	1028	23.0	1,850	--	190	56	11
97N64W20CCA	- -75	200	1028	1028	--	2,300	7.5	210	53	19
--do--	- -77	200	1028	1028	--	3,150	6.9	590	150	54
97N64W20CCA2	02-26-75	202	1028	1028	--	2,300	7.5	210	53	19
97N64W20CDCD	10-03-69	178	1028	46002	12.0	2,840	8.4	560	110	69
--do--	10-09-69	178	1028	1028	--	2,840	8.4	560	110	69
--do--	06-13-74	178	1028	1028	--	2,810	7.5	390	100	34
--do--	08-22-79	178	1028	1028	23.0	2,490	--	390	110	29
97N64W22CBCC	10-02-69	210	1028	46002	12.0	2,640	7.6	760	160	88
--do--	06-13-74	210	1028	1028	--	2,720	7.7	660	180	50
--do--	08-22-79	210	1028	1028	23.0	2,600	--	600	170	45
97N64W25DDB	- -74	180	1028	1028	--	2,320	7.8	340	95	26
--do--	02-19-75	180	1028	1028	--	1,910	8.3	220	62	16
97N64W27DACB	05-26-66	260	1028	1028	--	2,620	7.7	460	130	33
--do--	07-08-66	260	1028	1028	--	2,140	7.6	440	130	29
--do--	07-14-67	260	1028	1028	--	2,380	7.5	470	130	36
--do--	08-01-67	260	1028	1028	--	2,360	7.5	440	130	27
--do--	08-24-67	260	1028	46002	13.5	2,620	7.4	450	130	30
97N64W27DDDD	09-21-67	250	1028	46002	12.0	2,620	8.0	490	150	29
--do--	08-22-79	250	1028	1028	25.0	2,450	--	450	120	35
97N64W31BAAA	08-02-68	188	1028	46002	12.0	2,780	8.1	400	120	24

Sodium, dis- solved (mg/L as Na) (00930)	Potas- sium, dis- solved (mg/L as K) (00935)	Chloride, dis- solved (mg/L as Cl) (00940)	Sulfate, dis- solved (mg/L as SO ₄) (00945)	Fluoride, dis- solved (mg/L ss F) (00950)	Silica, dis- solved (mg/L ss SiO ₂) (00955)	Bicar- bonste FET- FLD (mg/L as HCO ₃) (00440)	Carbo- nate FET- FLD (mg/L as CO ₃) (00445)	Nitro- gen, nitrate total (mg/L as N) (00620)	Solids, sum of consti- tuents, dis- solved (mg/L) (70301)	Iron, total recover- able (µg/L as Fe) (01045)	Manganese, total recover- able (µg/L as Mn) (01055)	Boron, dis- solved (µg/L as B) (01020)
350	24	190	560	--	--	330	--	--	1,420	--	--	1,900
460	21	230	430	--	--	290	--	--	1,360	--	--	--
460	21	230	430	--	--	--	--	ND	1,380	ND	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--
420	--	410	360	1.0	--	--	--	--	--	<50	750	--
400	26	260	360	--	--	380	0	--	1,300	--	--	--
460	25	210	450	--	--	380	16	--	1,400	--	--	--
430	27	190	460	--	--	370	--	--	1,370	--	--	--
400	17	200	350	--	--	370	--	--	1,220	--	--	--
450	24	210	1,000	--	--	410	--	--	2,150	--	--	2,000
390	9.0	200	350	--	--	380	--	--	1,200	--	--	--
290	31	130	590	--	--	240	--	--	1,310	--	--	--
360	21	140	500	--	--	220	--	--	1,210	--	--	--
310	20	150	530	--	--	--	--	ND	1,210	ND	--	2,600
320	--	350	300	.54	--	--	--	--	--	<50	1,000	--
480	20	290	--	--	--	--	--	--	--	--	--	--
500	31	330	--	--	--	--	--	--	--	--	--	--
480	20	290	390	--	--	410	--	--	1,450	--	--	--
650	29	250	760	--	--	370	--	--	2,050	--	--	4,200
650	29	250	760	--	--	--	--	2.80	2,090	320	--	4,300
570	34	260	650	--	--	440	--	.100	1,870	ND	--	3,300
470	--	400	530	.42	--	--	--	--	--	<50	1,700	--
320	30	170	780	--	--	410	--	--	1,750	--	--	--
450	37	190	930	--	--	400	--	.050	2,040	10	--	2,700
370	--	350	660	.30	--	--	--	--	--	170	2,400	--
450	32	170	--	--	--	--	--	--	--	--	--	--
390	31	160	580	--	--	120	14	--	1,310	--	--	--
440	35	150	790	--	--	340	--	--	1,750	--	--	--
340	28	140	820	--	--	300	--	--	1,630	--	--	--
430	29	160	710	--	--	360	--	--	1,670	--	--	--
400	26	160	680	--	--	340	--	--	1,590	--	--	--
410	26	180	690	--	--	300	--	--	1,610	--	--	2,200
360	27	160	750	--	--	280	--	--	1,610	--	--	--
380	--	170	690	.35	--	--	--	--	--	<50	1,900	--
460	27	190	740	--	--	390	--	--	1,750	--	--	--

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties 105

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties--Continued

Principal aquifer/ local identifier	Date of sample	Depth of well (feet) (00003)	Agency collecting sample (code number) (00027)	Agency analyzing sample (code number) (00028)	Water temper- ature (°C) (00010)	Specific conduct- ance (µS/cm) (00095)	pH (standard units) (00400)	Hardness total (mg/L as CaCO ₃) (00900)	Calcium, dissolved (mg/L as Ca) (00915)	Magne- sium, dissolved (mg/L as Mg) (00925)
Choteau aquifer (Cont.)										
97N64W31BAAA	10-16-69	188	1028	1028	--	2,620	8.1	360	100	26
--do--	08-24-79	188	1028	1028	25.0	2,600	--	340	90	27
97N64W31CCCC	06- -65	160	46008	46008	--	--	7.5	510	--	27
97N64W32DDCC	- -65	240	46008	46008	--	--	7.6	60	11	8.0
97N64W33ABBC	11-14-80	240	1028	1028	--	3,350	7.3	930	230	86
97N64W35BCAA	07-14-67	262	1028	46002	--	2,560	7.6	430	84	53
--do--	08-01-67	262	1028	46002	--	2,140	7.5	380	120	20
--do--	08-16-67	262	1028	46002	12.0	2,480	8.1	320	93	22
--do--	08-17-67	262	1028	46002	--	2,390	7.5	390	130	16
97N64W35DADA	08-24-67	221	1028	1028	--	2,360	8.1	370	130	12
--do--	08-22-79	221	1028	1028	25.0	2,000	--	330	95	23
97N65W13CBBC	- -65	200	46008	46008	--	--	7.4	490	130	41
97N65W13DDDD	06-21-67	162	1,028	46002	16.0	2,120	7.7	600	150	53
--do--	10-16-69	162	1028	1028	--	2,200	8.1	550	130	54
--do--	06-13-74	162	1028	1028	--	2,280	7.9	660	150	69
--do--	08-24-79	162	1028	1028	21.0	1,660	--	540	120	56
97N65W31DDDC	- -65	260	46008	46008	--	--	8.0	670	230	26
97N65W32DDDA	- -65	180	46008	46008	--	--	8.2	470	180	5.0
97N65W34CCCC	06-21-67	160	1028	46002	16.0	3,070	7.4	1,000	160	150
--do--	09-19-68	160	1028	1028	--	2,910	8.0	930	220	92
--do--	07-10-73	160	1028	1028	--	5,310	7.5	1,700	430	160
97N65W35AAAA	08-20-79	223	1028	1028	21.0	3,510	--	680	180	55
98N62W 2ABBB	09-09-68	320	1028	46002	--	1,580	8.1	270	86	13
98N62W 3CCCC	05-15-80	318	1028	46002	--	1,800	7.6	460	130	34
98N62W 9DABC	05-16-77	270	1028	1028	--	1,990	7.6	400	110	29
98N63W22C	00-00-68	200	1028	1028	--	2,470	7.9	170	54	9.0
98N63W24BBBB	05-15-80	223	1028	1028	--	2,050	7.8	580	170	38
98N63W26CCAA	01-27-75	215	1028	1028	--	2,600	7.2	420	120	28
98N63W28BCC	10-15-57	265	46008	46001	--	2,200	7.8	180	44	16
98N63W29DDAD	10-09-69	199	1028	1028	--	2,180	8.3	220	46	25
--do--	06-13-74	199	1028	1028	--	2,170	7.9	190	53	14
--do--	08-23-79	199	1028	1028	23.0	2,150	--	140	42	9.0
98N63W31CCD	08-06-76	220	1028	1028	--	2,530	7.4	590	170	40
98N63W31DDDD	08-10-78	225	46002	46002	--	2,110	7.9	300	88	19
--do--	08-21-79	225	1028	1028	22.0	2,080	--	260	72	19

Sodium, dis- solved (mg/L as Na) (00930)	Potas- sium, dis- solved (mg/L as K) (00935)	Chloride, dis- solved (mg/L as Cl) (00940)	Sulfate, dis- solved (mg/L as SO ₄) (00945)	Fluoride, dis- solved (mg/L as F) (00950)	Silica, dis- solved (mg/L as SiO ₂) (00955)	Bicar- bonate FET- FLD (mg/L as HCO ₃) (00440)	Carbo- nate FET- FLD (mg/L as CO ₃) (00445)	Nitro- gen, nitrate total (mg/L as N) (00620)	Solids, sum of consti- tuents, dis- solved (mg/L) (70301)	Iron, total recover- able (µg/L as Fe) (01045)	Manga- nese, total recover- able (µg/L as Mn) (01055)	Boron, dis- solved (µg/L as B) (01020)
310	26	200	650	--	--	--	--	2.20	1,500	40	--	3,800
510	--	180	790	0.63	--	--	--	--	--	550	770	--
--	--	150	970	--	--	--	--	--	--	1,800	--	--
--	--	1,100	.0	--	--	--	--	--	--	--	--	--
420	37	410	1,000	--	--	420	--	--	2,410	--	--	--
430	26	210	620	--	--	300	--	--	1,570	--	--	--
420	25	190	630	--	--	310	--	--	1,560	--	--	--
440	26	200	650	--	--	250	--	--	1,550	--	--	1,900
400	13	200	630	--	--	310	--	--	1,540	--	--	--
370	24	220	490	--	--	--	--	1.65	1,390	8,700	--	--
350	--	230	460	.42	--	--	--	--	--	<50	1,300	--
--	--	260	550	--	--	--	--	--	2,110	--	--	--
260	22	22	710	--	--	200	--	--	1,310	--	--	--
280	22	25	1,000	--	--	--	--	1.31	1,620	10	--	2,100
290	26	19	1,100	--	--	180	--	.010	1,750	ND	--	1,500
270	--	19	900	.41	--	--	--	--	--	<50	750	--
--	--	150	1,100	--	--	--	--	--	2,060	--	--	--
--	--	150	1,100	--	--	--	--	--	2,040	--	--	--
370	27	34	1,300	--	--	390	--	--	2,230	--	--	--
370	24	40	1,300	.40	21	390	ND	.100	2,310	400	1,400	1,100
540	26	18	2,700	--	--	420	--	.150	4,030	70	--	780
490	--	160	1,000	.52	--	--	--	--	--	<50	2,600	--
260	18	77	670	--	--	110	--	--	1,180	--	--	--
300	23	120	860	--	--	110	--	2.20	1,520	1,500	--	2,000
310	25	98	850	--	--	180	--	--	1,510	--	--	--
470	30	280	--	--	--	--	--	--	--	30	--	--
280	31	160	870	--	--	120	--	1.98	1,610	680	--	2,100
480	32	310	560	--	--	400	--	--	1,720	--	--	--
500	13	140	790	--	--	320	3	--	1,660	--	--	--
520	21	120	560	--	--	--	--	.660	1,460	1,300	--	--
480	23	120	660	--	--	340	--	ND	1,520	10	--	3,700
420	--	220	490	.82	--	--	--	--	--	<50	860	--
340	42	63	1,000	--	--	300	--	--	1,830	--	--	--
350	32	110	660	--	--	310	--	2.80	1,410	460	--	3,700
370	--	110	590	.59	--	--	--	--	--	<50	1,200	--

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties 107

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties--Continued

Principal aquifer/ local identifier	Date of sample	Depth of well (feet) (00003)	Agency collecting sample (code number) (00027)	Agency analyzing sample (code number) (00028)	Water temper- ature (°C) (00010)	Specific conduct- ance (μS/cm) (00095)	pH (standard units) (00400)	Hardness total (mg/L as CaCO ₃) (00900)	Calcium, dissolved (mg/L as Ca) (00915)	Magne- sium, dissolved (mg/L as Mg) (00925)
Choteau aquifer (Cont.)										
98N63W33DCBB	07-31-68	193	1028	46002	14.0	2,220	7.8	260	78	15
99N62W25DDDD	05-15-80	330	1028	1028	--	2,100	7.7	1,300	380	77
99N62W27BBBB	07-11-67	201	1028	46002	12.0	3,470	7.7	1,300	160	210
--do--	08-24-67	201	1028	1028	--	3,470	--	1,300	160	210
--do--	09-24-69	201	1028	1028	--	3,570	--	1,600	360	180
--do--	08-23-79	201	1028	1028	21.0	2,950	--	1,400	300	160
Corsica aquifer										
99N63W 7BBBB	05-15-80	260	1028	1028	--	1,200	7.7	300	72	29
99N64W 1B	11-14-77	250	1028	1028	--	2,050	7.7	940	340	24
100N64W11BBBB	06-10-77	178	46007	46007	--	1,190	8.0	360	130	10
--do--	08-23-79	178	1028	1028	21.0	1,070	--	310	93	20
100N64W21C	00-00-68	180	1028	1028	--	2,760	7.8	910	320	29
100N64W21DAAA	07-31-68	180	1028	46002	11.0	2,760	7.8	920	320	29
--do--	06-19-80	180	1028	1028	--	1,800	--	490	100	55
Delmont aquifer										
95N62W 7BBBA	12-18-58	65	1028	1028	--	2,430	7.1	710	190	58
--do--	12-18-58	65	1028	1028	--	2,430	7.1	700	190	58
--do--	09-18-67	65	1028	46002	11.0	2,480	7.6	690	210	39
--do--	05- -69	65	1028	1028	--	2,490	8.0	36	10	2.7
--do--	08-24-79	65	1028	1028	--	--	--	--	--	--
95N62W34CDDC	06-06-67	44	1028	46002	13.0	1,530	7.4	800	220	60
97N63W 1ABB	03-02-76	60	1028	1028	--	799	7.6	290	68	28
97N63W 1ABBB	07-02-80	50	1028	1028	--	1,110	8.0	400	100	34
97N63W 1CADD	12-05-79	43	1028	1028	--	659	7.5	360	100	24
97N63W 1DDB	02-18-75	50	1028	1028	--	957	7.8	460	100	50
97N63W 2	11-05-74	20	1028	1028	--	351	7.1	160	10	33
97N63W 2CAA	01-18-77	52	1028	1028	--	587	7.8	280	81	19
97N63W 3DCCC	06-13-67	23	1028	46002	16.0	1,180	7.7	500	120	48
97N63W 3DDDD	11-21-72	21	1028	1028	--	1,010	7.4	450	150	18
--do--	08-22-79	21	1028	1028	21.0	890	--	430	100	43
97N63W11AAAC	06-14-67	27	1028	46002	10.0	1,970	7.8	1,100	340	65
97N63W11AAAC3	10-17-67	20	1028	46002	13.5	1,510	7.7	810	200	76
97N63W11ACDC	11-05-74	33	1028	1028	--	699	7.1	390	100	33
--do--	10-16-80	33	1028	1028	--	1,340	7.5	550	150	45
97N63W11D	02-18-82	49	1028	1028	--	2,900	7.8	1,500	400	120

Sodium, dis- solved (mg/L as Na) (00930)	Potas- sium, dis- solved (mg/L as K) (00935)	Chloride, dis- solved (mg/L as Cl) (00940)	Sulfate, dis- solved (mg/L as SO ₄) (00945)	Fluoride, dis- solved (mg/L as F) (00950)	Silica, dis- solved (mg/L as SiO ₂) (00955)	Bicar- bonate FET- FLD (mg/L as HCO ₃) (00440)	Carbo- nate FET- FLD (mg/L as CO ₃) (00445)	Nitro- gen, nitrate total (mg/L as N) (00620)	Solids, sum of consti- tuents, dis- solved (mg/L) (70301)	Iron, total recover- able (µg/L as Fe) (01045)	Manga- nese, total recover- able (µg/L as Mn) (01055)	Boron, dis- solved (µg/L as B) (01020)
380	21	170	650	--	--	190	--	--	1,410	--	--	1,700
130	37	170	1,300	--	--	110	--	1.40	2,190	620	--	630
390	23	30	1,500	--	--	420	--	--	2,520	--	--	--
390	23	30	1,500	--	--	--	--	ND	2,550	3,000	--	--
400	29	23	1,800	--	--	--	--	.170	3,070	40	--	1,300
420	--	12	1,800	0.32	--	--	--	<.100	--	450	450	--
120	22	10	420	--	--	160	--	1.65	753	3,300	--	800
220	26	17	1,300	--	--	270	--	--	2,020	--	--	--
150	12	4.0	260	--	--	500	--	ND	810	100	--	8,800
150	--	8.0	170	.35	--	--	--	<.500	--	<50	600	--
320	28	16	--	--	--	--	--	--	--	90	--	--
320	28	16	1,100	--	--	410	--	--	2,060	--	--	--
180	21	19	660	--	--	210	5	1.52	1,150	140	--	860
280	19	220	800	.50	22	280	0	--	1,730	--	--	1,100
280	19	220	800	.50	22	280	ND	--	1,720	530	--	1,100
290	18	240	700	--	--	290	--	--	1,640	--	--	--
280	21	210	910	--	--	--	--	ND	1,580	--	--	1,400
--	--	--	--	--	--	--	--	--	--	--	--	--
72	9.4	15	540	--	--	380	--	--	1,100	--	--	--
18	100	8.0	80	--	--	370	--	--	485	--	--	--
120	8.0	10	350	--	--	340	--	--	786	--	--	--
20	6.0	4.0	150	--	--	290	--	--	445	--	--	--
63	10	5.0	180	--	--	450	--	--	632	--	--	--
19	8.0	4.0	100	--	--	350	--	--	351	--	--	--
17	8.0	6.0	130	--	--	230	--	--	372	--	--	--
84	8.7	10	300	--	--	350	--	--	743	--	--	--
30	8.5	3.5	190	--	--	--	--	.560	587	110	--	100
27	--	7.0	150	.25	--	--	--	--	--	250	750	--
66	9.4	18	860	--	--	330	--	--	1,520	--	--	--
46	8.6	9.8	680	--	--	180	--	--	1,110	--	--	--
19	8.0	4.0	100	--	--	350	--	--	441	--	--	--
73	6.0	10	290	--	--	360	--	--	749	--	--	--
210	49	10	1,800	--	--	100	ND	--	2,670	--	--	1,200

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties 109

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties--Continued

Principal aquifer/ local identifier	Date of sample	Depth of well (feet) (00003)	Agency collecting sample (code number) (00027)	Agency analyzing sample (code number) (00028)	Water temper- ature (°C) (00010)	Specific conduct- ence (μS/cm) (00095)	pH (standard units) (00400)	Hardness total (mg/L as CaCO ₃) (00900)	Calcium, dissolved (mg/L as Ca) (00915)	Magne- sium, dissolved (mg/L as Mg) (00925)
Delmont aquifer (Cont.)										
97N63W28BAAA	05- -69	35	1028	1028	--	1,800	8.4	1,100	240	110
--do--	06-13-74	35	1028	1028	--	1,820	7.7	800	180	84
98N62W19ABBB	04-25-75	55	1028	1028	--	838	7.4	280	13	60
98N62W20BBBB	11-21-72	19	1028	1028	--	571	7.5	260	98	4.0
--do--	08-23-79	19	1028	1028	21.0	650	--	310	80	27
98N62W30BBB	04-25-75	60	1028	1028	--	1,080	7.6	600	59	110
98N62W31BCC	12-09-74	40	1028	1028	--	884	7.3	560	140	51
98N62W31CDA	05-01-73	46	1028	1028	--	2,130	7.0	730	250	26
98N62W31DDBA	08-06-76	79	1028	1028	--	2,110	7.2	430	110	36
98N63W27DDBB	12-09-74	20	1028	1028	--	1,090	7.2	600	150	55
98N63W36AABA	12-18-58	37	1028	1028	--	870	7.2	410	100	38
--do--	06-29-67	37	1028	46002	13.5	755	7.8	360	96	28
--do--	05- -69	37	1028	1028	--	880	7.4	500	120	50
--do--	06-13-74	37	1028	1028	--	951	7.5	570	150	48
--do--	08-24-79	37	1028	1028	21.0	785	--	580	140	54
--do--	05-15-80	37	1028	1028	--	850	7.8	350	72	41
98N63W36ADBB	04-11-80	60	1028	1028	--	837	7.5	460	120	38
98N63W36BDDD	04-11-80	72	1028	1028	--	731	7.5	340	92	26
98N63W36CBDD	04-11-80	50	1028	1028	--	910	7.5	350	88	31
98N63W36DAAD	01-19-81	40	1028	1028	--	733	8.0	370	88	36
99N63W28DDDD	05-15-80	28	1028	1028	--	1,800	7.7	780	180	79
Geddes aquifer										
97N66W 5DDDD	08-10-78	225	46002	46002	--	2,580	7.8	560	130	55
--do--	08-20-79	225	1028	1028	22.0	2,450	--	500	130	40
97N66W16ADDB	11-29-76	219	1028	1028	--	2,570	8.1	520	160	32
97N66W23BCCB	- -65	280	46008	46008	--	--	8.1	330	97	21
97N66W23DDAA	06- -65	320	46008	46008	--	--	8.1	620	170	46
100N68W21DDDD	10-01-69	260	1028	46002	12.0	3,840	7.7	1,000	230	110
Greenwood aquifer										
93N62W20A	- -68	17	1028	1028	--	714	7.9	330	110	13
93N62W20ABB	08-15-59	28	1028	46002	10.0	880	8.2	340	88	30
--do--	07-02-68	28	1028	46002	12.0	715	7.9	330	110	13
93N63W 9ABDD	10-16-79	16	46003	84610	15.0	1,340	6.9	650	150	66
93N63W 9BBBB	07-02-68	32	1028	46002	12.0	2,890	7.7	1,200	330	82

Sodium, dis- solved (mg/L as Na) (00930)	Potas- sium, dis- solved (mg/L as K) (00935)	Chloride, dis- solved (mg/L as Cl) (00940)	Sulfate, dis- solved (mg/L as SO ₄) (00945)	Fluoride, dis- solved (mg/L as F) (00950)	Silica, dis- solved (mg/L es SiO ₂) (00955)	Bicar- bonate FET- FLD (mg/L as HCO ₃) (00440)	Carbo- nate FET- FLD (mg/L es CO ₃) (00445)	Nitro- gen, nitrate total (mg/L as N) (00620)	Solids, sum of consti- tuents, dis- solved (mg/L) (70301)	Iron, total recover- able (µg/L as Fe) (01045)	Manga- nese, total recover- able (µg/L as Mn) (01055)	Boron, dis- solved (µg/L as B) (01020)
130	11	77	690	--	--	--	--	0.110	1,390	100	--	850
150	18	75	710	--	--	280	--	.060	1,350	110	--	600
16	8.0	15	210	--	--	480	--	--	557	--	--	--
4.2	4.2	4.0	64	--	--	--	--	.090	308	140	--	ND
5.0	--	5.0	110	0.18	--	--	--	.500	--	<50	80	--
51	40	26	130	--	--	460	--	--	642	--	--	--
16	6.0	6.0	210	--	--	340	--	--	597	--	--	--
220	28	8.0	720	--	--	620	--	--	1,550	--	--	--
290	28	150	580	--	--	410	--	--	1,390	--	--	--
54	14	2.0	250	--	--	410	--	--	729	--	--	--
36	7.2	9.2	210	.40	26	330	0	--	588	--	--	70
15	5.8	20	190	--	--	180	--	--	446	--	--	--
13	4.8	7.5	320	--	--	--	--	.090	660	2,000	--	100
18	7.0	11	260	--	--	370	--	.010	672	130	--	100
18	--	11	270	33	--	--	--	<.100	--	<50	700	--
15	5.0	16	260	--	--	140	--	.400	481	300	--	160
18	4.0	10	220	--	--	280	--	--	546	--	--	--
41	4.0	7.0	110	--	--	340	--	--	446	--	--	--
73	8.0	6.0	160	--	--	400	--	--	565	--	--	--
14	4.0	13	140	--	--	310	--	--	444	--	--	--
100	15	4.0	920	--	--	110	--	.320	1,360	1,300	--	280
350	55	120	880	--	--	340	--	2.35	1,770	170	--	4,600
410	--	110	860	.76	--	--	--	--	--	<50	2,100	--
410	28	24	1,100	--	--	290	--	--	1,880	--	--	--
--	--	120	800	--	--	--	--	--	1,680	--	--	--
--	--	210	1,600	--	--	--	--	--	--	--	1,200	--
570	31	330	1,400	--	--	86	--	--	2,710	--	--	--
18	6.0	4.0	--	--	--	--	--	--	--	710	--	--
110	3.6	7.0	230	--	--	280	--	--	604	--	--	--
18	6.4	4.0	96	--	--	300	--	--	393	--	--	--
59	--	38	320	--	7.6	510	0	--	--	10	2	--
260	14	150	1,200	--	--	330	--	--	2,200	--	--	--

Table 3. Chemical analyses of ground water in Chsrles Mix and Douglas Counties 111

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties--Continued

Principal aquifer/ local identifier	Date of sample	Depth of well (feet) (00003)	Agency collecting sample (code number) (00027)	Agency analyzing sample (code number) (00028)	Water temper- ature (°C) (00010)	Specific conduct- ance (μS/cm) (00095)	pH (standard units) (00400)	Hardness total (mg/L as CaCO ₃) (00900)	Calcium, dissolved (mg/L as Ca) (00915)	Magne- sium, dissolved (mg/L as Mg) (00925)
Greenwood aquifer (Cont.)										
93N63W13ABBD	04-27-81	90	1028	1028	--	1,900	6.8	1,100	320	72
Intermediate aquifer										
96N62W21AACD	11-01-68	115	46002	46002	11.0	3,230	7.8	1,100	400	20
96N63W 3ACAA	05-03-57	156	1028	46001	--	1,600	8.0	320	90	22
96N63W 6DDCC	08-01-68	221	1028	46002	11.0	2,120	8.0	300	100	13
--do--	05- -69	221	1028	1028	--	2,170	8.5	410	120	27
--do--	06-13-74	221	1028	1028	--	2,130	7.6	400	120	24
--do--	08-21-79	221	1028	1028	25.0	1,980	--	320	90	22
96N63W 8AAC	01-27-75	80	1028	1028	--	2,020	7.3	370	110	23
--do--	02-19-75	80	1028	1028	--	2,220	7.3	1,000	290	79
96N63W 9DAAA	07-10-73	165	1028	1028	--	3,680	6.9	1,000	370	26
--do--	08-24-79	165	1028	1028	21.0	2,500	--	1,100	320	78
96N63W15BBBB	12-19-60	155	46008	46008	--	2,000	--	420	120	28
96N63W15CCAA	09-15-58	172	1028	46001	--	2,000	7.3	470	140	30
--do--	08-01-67	172	1028	1028	--	1,680	7.3	450	140	25
--do--	08-01-68	172	1028	46002	13.0	1,720	7.9	430	130	26
96N63W21CCCC	08-29-78	62	46007	46002	--	2,030	7.8	880	250	61
--do--	08-22-79	62	1028	1028	21.0	3,600	--	2,400	540	260
96N63W22BBBB	02-07-57	176	1028	46001	--	1,800	7.7	370	110	24
96N63W35BBCB	12-19-60	120	46008	46008	--	2,200	--	340	92	26
96N64W 1AAAA	10-15-69	152	1028	1028	--	3,520	8.1	980	280	69
96N64W 1BCCC	04-07-78	155	1028	46002	--	4,810	8.1	2,300	530	230
96N64W 1BCCC	08-21-79	155	1028	1028	21.0	4,700	--	2,300	440	300
96N64W12BAAA	01-21-57	189	1028	46001	--	1,900	7.6	310	83	25
97N63W13DDDB	04-19-77	180	1028	1028	--	990	7.5	520	130	47
97N63W21BBBB2	08-21-79	124	1028	1028	22.0	3,250	--	1,900	510	150
97N63W25CBBB	09-01-60	196	1028	46004	--	--	--	250	68	20
97N63W34DCBB	- -57	157	1028	46001	--	1,900	7.7	410	120	26
--do--	08-01-67	157	1028	46002	--	1,930	7.3	340	100	23
97N64W17BBBB	- -65	110	46008	46008	--	--	7.4	400	120	25
97N64W27AAAA	- -65	210	46008	46008	--	--	7.9	490	120	45
97N64W36DADD	12-19-60	192	46008	46008	12.0	2,150	--	320	88	24
98N63W36CCCC	11-21-72	43	1028	1028	--	850	7.6	370	110	23
--do--	08-23-79	43	1028	1028	21.0	680	--	350	87	33

Sodium, dis- solved (mg/L as Na) (00930)	Potas- sium, dis- solved (mg/L as K) (00935)	Chloride, dis- solved (mg/L as Cl) (00940)	Sulfate, dis- solved (mg/L as SO ₄) (00945)	Fluoride, dis- solved (mg/L as F) (00950)	Silica, dis- solved (mg/L as SiO ₂) (00955)	Bicar- bonate FET- FLD (mg/L as HCO ₃) (00440)	Carbo- nate FET- FLD (mg/L as CO ₃) (00445)	Nitro- gen, nitrate total (mg/L as N) (00620)	Solids, sum of consti- tuentia, dis- solved (mg/L) (70301)	Iron, total recover- able (µg/L as Fe) (01045)	Manga- nese, total recover- able (µg/L as Mn) (01055)	Boron, dis- solved (µg/L as B) (01020)
73	16	26	810	--	--	520	--	--	1,580	--	--	--
350	60	16	1,600	--	--	130	--	--	2,510	--	--	--
350	29	64	590	--	--	470	0	--	1,380	--	--	--
330	22	170	620	--	--	240	--	--	1,370	--	--	--
330	19	160	650	--	--	--	--	1.07	1,410	520	--	2,500
330	29	180	660	--	--	250	--	.010	1,460	ND	--	2,700
320	--	170	480	0.44	--	--	--	--	--	50	1,500	--
360	26	210	440	--	--	310	--	--	1,320	--	--	--
220	18	51	870	--	--	400	--	--	1,720	--	--	--
450	32	100	1,700	--	--	290	--	ND	2,820	80	--	1,500
370	--	25	1,700	.33	--	--	--	--	--	150	3,100	--
320	20	280	410	.70	--	--	--	--	1,350	--	--	--
270	25	160	430	--	--	410	17	--	1,280	--	--	--
250	21	120	350	--	--	450	--	--	1,130	--	--	--
270	22	120	460	--	--	410	--	--	1,230	--	--	530
110	29	170	740	--	--	210	--	1.75	1,460	500	--	1,300
180	--	150	2,200	.36	--	--	--	--	--	2,400	2,200	--
290	29	180	510	--	--	340	0	--	1,310	--	--	--
350	15	210	520	1.1	--	--	--	--	1,360	--	--	--
520	33	80	1,600	--	--	--	--	ND	2,730	50	--	3,400
430	48	24	2,800	--	--	160	--	4.40	4,180	210	--	4,300
520	--	16	3,000	.33	--	--	--	--	--	250	2,300	--
370	25	220	620	--	--	240	0	--	1,460	--	--	--
18	4.0	10	270	--	--	330	--	--	644	--	--	--
170	--	88	1,800	.35	--	--	--	--	--	<50	2,700	--
360	--	58	640	--	--	--	--	--	1,430	--	--	--
270	21	200	640	--	--	170	0	--	1,360	--	--	--
340	19	50	560	--	--	490	--	--	1,330	--	--	--
--	--	220	740	--	--	--	--	--	--	--	--	--
--	--	280	670	--	--	--	--	--	--	--	--	--
320	22	140	610	.90	--	--	--	--	1,310	--	--	--
19	6.5	12	150	--	--	--	--	.200	447	120	--	80
15	--	8.0	90	.21	--	--	--	<.500	--	200	500	--

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties 113

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties--Continued

Principal aquifer/ local identifier	Date of sample	Depth of well (feet) (00003)	Agency collecting sample (code number) (00027)	Agency analyzing sample (code number) (00028)	Water temper- ature (°C) (00010)	Specific conduct- ance (μS/cm) (00095)	pH (standard units) (00400)	Herdneas total (mg/L as CaCO ₃) (00900)	Calcium, dissolved (mg/L as Ca) (00915)	Magne- sium, dissolved (mg/L as Mg) (00925)
Pleistocene aquifer										
94N62W26AAAA	06-15-67	38	1028	46002	12.0	1,500	6.1	620	200	29
94N63W18ABBB	08-29-78	43	1028	46002	--	2,410	7.4	1,300	370	100
94N63W18BDDDB	- -76	160	1028	1028	--	4,350	7.1	2,400	440	310
--do--	11-09-76	160	1028	1028	--	735	8.0	240	58	23
94N64W 7CBBC	10-15-79	25	46003	84610	21.0	1,590	6.9	--	--	64
94N64W20CCBB	07-03-68	21	1028	46002	12.0	1,720	7.8	570	150	47
94N64W20DBDC	10-15-79	20	46003	84610	15.5	2,020	6.0	620	150	63
94N65W12DABB	07-03-68	17	1028	46002	12.0	1,720	7.8	710	180	64
95N62W21BBBB	11-09-69	202	1028	46002	12.0	2,700	8.1	930	240	80
96N63W17BBD	05-13-75	65	1028	1028	--	1,770	6.9	900	200	97
96N65W 8AABD	07-13-68	132	1028	46002	--	1,270	7.8	480	140	31
96N65W10CAAA	- -65	40	46008	46008	--	--	8.4	220	52	22
96N65W17ABAC	- -68	80	1028	1028	--	1,730	7.7	880	260	53
--do--	04-03-72	80	1028	1028	--	1,870	7.3	830	250	52
96N65W17ABCA	05-14-68	32	1028	46002	--	1,730	7.8	870	260	53
96N65W19DADC	06- -65	140	1028	1028	--	--	7.3	850	250	56
96N65W19DDDC	- -65	140	46008	46008	--	--	7.3	860	250	56
97N63W 1CCCC	07-01-68	24	1028	46002	11.0	2,000	7.7	1,100	280	91
--do--	08-13-69	24	1028	46002	12.0	1,810	8.2	1,200	280	120
97N63W 6AAAA	06-21-67	72	1028	46002	17.0	2,280	7.5	1,400	410	100
97N63W14BBBB	10-02-69	31	1028	46002	11.0	1,170	7.9	530	100	69
--do--	08-22-79	31	1028	1028	23.0	990	--	400	110	32
97N63W14BDAA	10-24-74	30	1028	1028	--	1,980	7.9	1,300	400	82
--do--	01-14-75	30	1028	1028	--	1,260	7.4	410	75	54
97N64W23BBBB	06-21-67	72	1028	46002	16.0	5,050	7.4	2,600	540	300
97N64W35DADD	09-21-67	238	1028	1028	12.0	2,360	8.1	370	130	12
97N66W30BCBB	07-13-67	22	1028	46002	17.0	1,930	7.9	770	210	59
98N62W17CCCC	07-07-67	27	1028	46006	14.0	920	7.8	480	110	49
98N62W19DABB2	06-03-57	12	1028	46002	--	800	7.9	550	120	60
98N63W14BBBB	07-07-67	33	1028	46002	14.0	520	8.3	170	45	13
98N63W22DDDD	07-31-68	200	1028	46002	--	2,460	7.9	170	54	8.6
98N63W28DDCC	09-01-60	180	46008	46004	--	--	--	210	64	13
98N66W 8CBDB	10-11-68	276	1028	46002	21.0	2,370	7.4	1,200	340	77
99N63W 5CCCC	10-28-66	19	1028	46002	--	3,500	7.4	1,400	410	84
99N63W22BAAA	07-07-67	27	1028	46002	16.0	1,250	7.7	600	140	61

Sodium, dis- solved (mg/L as Na) (00930)	Potaa- sium, dis- solved (mg/L as K) (00935)	Chloride, dis- solved (mg/L as Cl) (00940)	Sulfate, dis- solved (mg/L as SO ₄) (00945)	Fluoride, dis- solved (mg/L as F) (00950)	Silica, dis- solved (mg/L as SiO ₂) (00955)	Bicar- bonate FET- FLD (mg/L as HCO ₃) (00440)	Carbo- nate FET- FLD (mg/L as CO ₃) (00445)	Nitro- gen, nitrate total (mg/L as N) (00620)	Solids, sum of consti- tuents, dis- solved (mg/L) (70301)	Iron, total racover- able (µg/L as Fe) (01045)	Manga- nese, total recover- able (µg/L as Mn) (01055)	Boron, dis- solved (µg/L as B) (01020)
64	12	20	910	--	--	320	--	--	1,390	--	--	--
82	15	140	1,100	--	--	250	--	0.140	1,930	390	--	170
260	43	210	--	--	--	--	--	--	--	--	--	--
68	3.0	8.0	230	--	--	200	--	--	484	--	--	--
47	--	17	310	--	9.7	460	0	--	--	10	7	--
190	8.1	49	480	--	--	440	--	--	1,140	--	--	--
200	--	150	650	--	7.4	450	0	--	--	20	5,000	--
110	9.7	46	640	--	--	300	--	--	1,200	--	--	--
340	27	62	1,000	--	--	560	--	--	2,020	--	--	--
150	10	20	750	--	--	330	--	--	1,390	--	--	--
77	18	7.0	520	--	--	160	--	--	872	--	--	160
--	--	960	.0	--	--	--	--	--	2,520	--	--	--
59	15	11	--	--	--	--	--	--	--	--	--	--
50	14	11	560	--	--	--	--	.110	1,100	--	--	--
59	15	11	810	--	--	300	--	--	1,350	--	--	--
--	--	15	720	--	--	--	--	--	--	--	--	--
--	--	15	720	--	--	--	--	--	1,220	--	--	--
59	8.2	12	1,100	--	--	260	--	--	1,680	--	--	--
110	5.5	14	950	--	--	230	--	--	1,590	--	--	450
35	15	26	1,000	--	--	350	--	--	1,760	--	--	--
80	9.7	6.5	320	--	--	370	--	--	765	--	--	--
100	--	18	180	.31	--	--	--	--	--	1,000	260	--
54	13	19	940	--	--	390	--	--	1,700	--	--	--
93	8.0	15	350	--	--	430	--	--	805	--	--	--
440	54	120	2,600	--	--	490	--	--	4,300	--	--	--
370	24	220	490	--	--	260	--	--	1,380	--	--	--
98	11	90	710	--	--	190	--	--	1,270	--	--	--
7.0	4.9	10	190	--	--	240	--	--	491	--	--	--
47	74	270	62	--	--	360	0	--	812	--	--	--
46	8.6	15	63	--	--	190	--	--	284	--	--	--
470	30	280	490	--	--	400	--	--	1,530	--	--	--
380	--	110	710	--	--	150	--	--	1,460	--	--	--
120	17	180	1,000	--	--	130	--	--	1,800	--	--	--
240	--	--	1,400	--	--	330	--	--	3,500	--	--	--
48	7.5	20	350	--	--	310	--	--	779	--	--	--

Table 3. Chemice analyses of ground water in Charles Mix and Douglas Counties 115

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties--Continued

Principal aquifer/ local identifier	Date of sample	Depth of well (feet) (00003)	Agency collecting sample (code number) (00027)	Agency analyzing sample (code number) (00028)	Water temper- ature (°C) (00010)	Specific conduct- ence (µS/cm) (00095)	pH (standard units) (00400)	Hardness total (mg/L as CaCO ₃) (00900)	Calcium, dissolved (mg/L as Ca) (00915)	Magne- sium, dissolved (mg/L as Mg) (00925)
Pleistocene aquifer (Cont.)										
99N68W24CCB	08-16-61	25	46002	46001	--	9,000	--	3,500	400	610
99N68W29BBBB	07-12-67	68	1028	46002	18.0	905	8.2	350	99	26
100N68W35CDCC	07-12-67	33	1028	46002	13.5	1,690	8.2	860	290	34
100N69W19AAA	09-17-68	56	1028	46002	13.0	4,690	7.6	2,300	460	290
Till aquifer										
97N67W 5BCC2	05-01-62	58	1028	46001	--	4,500	--	2,400	440	320
97N67W21DAB	04-27-57	17	1028	46001	--	1,250	8.2	650	190	42
Codell aquifer										
93N63W 3CBDD2	09-04-79	100	1028	80020	15.0	2,180	8.3	58	15	4.9
94N62W 3CCBB	10-29-79	318	46003	84610	13.0	1,630	6.8	360	99	27
94N62W 6BCCC	10-29-79	400	46003	84610	14.0	1,930	7.7	230	58	21
94N62W26BBB	10-30-79	333	46003	84610	11.5	1,440	8.2	110	26	11
94N62W34CDCA	07-16-69	475	1028	46002	16.0	1,950	8.6	86	18	9.9
94N63W 6CCCB	10-16-79	350	46003	84610	14.5	2,410	7.4	60	16	4.8
94N63W 9BABA	10-16-79	400	46003	84610	15.5	2,210	7.5	46	12	4.0
94N63W27BABB	10-16-78	407	46003	84610	15.5	2,150	9.9	4	1.2	.20
94N63W30CCBB	10-16-79	344	46003	84610	17.0	2,280	7.5	38	9.2	3.6
94N63W33ADDD	09-12-69	380	1028	46002	--	3,040	8.3	54	14	4.6
94N64W 5ABA	09-12-69	365	1028	46002	--	2,260	8.4	89	16	12
94N64W 9AAAB	10-16-79	321	46003	84610	16.5	2,130	6.0	63	15	6.3
94N64W35BBBD	09-12-69	170	1028	46002	16.0	2,080	8.4	89	16	12
95N63W20DDAD	09-12-69	493	1028	46002	13.0	2,450	8.1	110	23	12
95N64W10CDDD	09-12-69	505	1028	46002	--	1,880	8.3	220	75	8.0
95N65W 8ABDD	10-28-48	118	1028	1028	13.5	--	7.9	470	99	55
--do--	11-05-48	118	1028	1028	13.0	--	7.8	59	16	4.6
--do--	11-05-48	118	1028	1028	--	--	7.9	61	16	5.2
95N65W 9AACB	09-10-47	380	1028	810	16.0	--	8.0	84	22	7.0
96N62W34BACD	12-19-60	450	1028	46008	--	3,600	--	1,300	370	96
96N64W 7AAAA	12-19-60	370	46008	46008	--	2,700	--	100	24	10
--do--	- -65	370	1028	1028	--	--	--	100	24	10
96N64W17AAAD	- -38	350	1028	1028	--	--	--	--	--	--
--do--	03-20-40	350	1028	1028	--	--	--	490	130	39
--do--	10- -53	350	1028	1028	--	--	7.6	490	140	35

Sodium, dis- solved (mg/L as Na) (00930)	Potas- sium, dis- solved (mg/L as K) (00935)	Chloride, dis- solved (mg/L as Cl) (00940)	Sulfate, dis- solved (mg/L as SO ₄) (00945)	Fluoride, dis- solved (mg/L as F) (00950)	Silica, dis- solved (mg/L as SiO ₂) (00955)	Bicar- bonate FET- FLD (mg/L as HCO ₃) (00440)	Carbo- nate FET- FLD (mg/L as CO ₃) (00445)	Nitro- gen, nitrate total (mg/L as N) (00620)	Solids, sum of consti- tuents, dis- solved (mg/L) (70301)	Iron, total recover- able (µg/L as Fe) (01045)	Manga- nese, total recover- able (µg/L as Mn) (01055)	Boron, dis- solved (µg/L as B) (01020)
1,400	37	500	5,000	--	--	600	--	--	8,240	--	--	--
56	8.5	25	250	--	--	140	--	--	534	--	--	--
66	8.2	160	700	--	--	110	--	--	1,310	--	--	--
300	24	220	2,400	--	--	310	--	--	3,850	--	--	--
65	12	120	1,600	--	--	260	20	--	3,140	--	--	--
200	32	65	680	--	--	440	34	--	1,460	--	--	--
390	13	400	11	1.6	8.1	560	0	0.00	1,130	--	--	4,700
230	--	150	460	--	8.2	460	0	--	--	10	190	--
300	--	130	630	--	2.9	250	0	--	--	10	40	--
270	--	150	360	--	1.7	360	0	--	--	<10	4	--
410	16	220	310	--	--	290	--	--	1,130	--	--	--
390	--	550	12	--	3.4	400	0	--	--	<10	5	--
360	--	430	130	--	3.2	520	0	--	--	<10	<2	--
310	--	470	12	--	<.10	440	93	--	--	<10	<2	--
240	--	300	36	--	2.7	480	0	--	--	<10	<2	--
380	14	370	11	--	--	520	--	--	1,050	--	--	--
410	16	410	76	--	--	490	--	--	1,180	--	--	--
340	--	230	340	--	3.0	420	0	--	--	<10	3	--
480	15	180	400	--	--	300	--	--	1,250	--	--	--
500	19	540	11	--	--	360	--	--	1,280	--	--	--
240	12	160	370	--	--	390	--	--	1,060	--	--	--
220	--	120	530	--	4.1	290	--	--	--	220	--	--
510	--	340	260	--	4.4	510	--	--	--	--	--	--
510	--	340	240	--	4.4	520	--	--	--	--	--	--
550	--	440	150	2.9	15	600	0	--	--	--	--	--
350	32	20	1,800	1.3	--	--	--	--	2,780	--	--	--
520	14	200	660	.60	--	--	--	--	1,590	--	--	--
--	--	200	660	--	--	--	--	--	--	100	200	--
--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	170	970	.50	--	--	--	2.00	--	1,500	1,000	--
430	24	200	960	.70	--	280	--	--	1,920	700	--	--

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties 117

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties--Continued

Principal aquifer/ local identifier	Date of sample	Depth of well (feet) (00003)	Agency collecting sample (code number) (00027)	Agency analyzing sample (code number) (00028)	Water temper- ature (°C) (00010)	Specific conduct- ance (µS/cm) (00095)	pH (standard units) (00400)	Hardness total (mg/L as CaCO ₃) (00900)	Calcium, dissolved (mg/L as Ca) (00915)	Magne- sium, dissolved (mg/L as Mg) (00925)
Codell aquifer (Cont.)										
96N64W17AAAD	10- -54	350	1028	1028	--	--	--	--	--	--
--do--	10- -57	350	1028	1028	--	--	--	--	--	--
--do--	12-17-57	350	46004	46004	--	--	7.5	480	130	35
--do--	02-26-68	350	1028	1028	--	--	7.1	470	140	32
--do--	04-16-75	350	1028	1028	--	--	7.5	470	130	34
--do--	05-11-77	350	1028	1028	--	--	7.5	450	120	35
--do--	12-06-78	350	1028	1028	--	2,490	7.6	460	130	35
--do--	03-26-80	350	1028	1028	--	--	--	--	--	--
--do--	03-16-81	350	1028	1028	--	2,810	7.5	470	130	37
96N64W26CCBB	12-19-60	400	46008	46008	--	2,450	--	60	14	6.0
96N64W29ABBB	- -65	380	46008	46008	--	--	8.3	87	25	6.0
96N64W31CDCB	06-12-62	691	1028	9746	16.0	2,700	7.9	84	22	7.1
--do--	02-12-63	691	1028	9746	18.0	2,720	8.0	83	22	6.8
--do--	04-12-65	691	1028	9746	19.0	2,740	8.0	80	22	6.1
--do--	12-28-65	691	1028	9746	18.0	2,720	7.9	79	20	7.1
--do--	10-17-66	691	1028	9746	19.0	2,700	7.9	93	24	8.0
96N65W 4CCCB	07-08-38	365	1028	1028	--	--	--	61	16	5.0
--do--	10- -53	365	1028	1028	--	--	7.6	61	19	3.4
96N65W 4CDCB	05- -58	365	46004	46004	--	--	8.0	270	74	20
--do--	12-19-60	365	46008	46008	--	950	--	320	100	16
96N65W 4CDCD	10- -53	380	1028	1028	--	--	7.6	79	24	4.7
--do--	02-13-57	380	46004	46004	--	--	8.3	41	8.0	5.0
--do--	12-19-60	380	46008	46008	--	1,890	--	980	300	56
--do--	01-11-71	380	1028	1028	--	--	8.4	47	12	3.9
96N65W 5ADDD	- -65	350	46008	46008	--	--	8.1	51	14	4.0
96N65W 7AADD	07- -65	340	46008	46008	--	--	8.4	59	17	4.0
96N65W10BDDB	- -65	375	46008	46008	--	--	8.3	76	19	7.0
96N65W13BABD	- -65	480	46008	46008	--	--	8.3	61	18	4.0
96N65W16BCAA	07- -65	390	46008	46008	--	--	8.4	52	16	3.0
96N65W23CADD	- -65	666	46008	46008	--	--	8.3	75	17	8.0
96N65W23DCBB	07- -65	666	1028	1028	--	--	8.3	75	17	8.0
96N65W29BACC	- -65	340	46008	46008	--	--	8.3	71	20	5.0
96N65W36DCCD	09- -58	728	1028	46004	--	--	7.8	190	56	13
--do--	06-12-62	728	1028	83113	16.0	2,420	7.7	170	44	15
--do--	02-12-63	728	1028	83113	18.0	2,470	8.0	170	46	14
--do--	10-17-66	728	9746	83113	18.0	2,450	7.8	170	46	14

Sodium, dis- solved (mg/L as Na) (00930)	Potas- sium, dis- solved (mg/L as K) (00935)	Chloride, dis- solved (mg/L as Cl) (00940)	Sulfate, dis- solved (mg/L as SO ₄) (00945)	Fluoride, dis- solved (mg/L as F) (00950)	Silica, dis- solved (mg/L as SiO ₂) (00955)	Bicar- bonate FET- FLD (mg/L as HCO ₃) (00440)	Carbo- nate FET- FLD (mg/L as CO ₃) (00445)	Nitro- gen, nitrate total (mg/L as N) (00620)	Solids, sum of consti- tuents, dis- solved (mg/L) (70301)	Iron, total recover- able (µg/L as Fe) (01045)	Manga- nese, total recover- able (µg/L as Mn) (01055)	Boron, dis- solved (µg/L as B) (01020)
430	23	170	--	--	--	--	--	--	--	--	--	--
--	23	170	--	--	--	--	--	--	--	--	--	--
450	28	170	980	0.50	--	280	--	2.50	1,930	1,800	1,500	--
430	23	150	990	.50	--	270	--	.00	1,890	400	1,300	--
450	24	160	1,000	.40	--	280	--	1.00	1,940	600	1,700	--
450	26	160	970	.40	--	280	--	.100	1,900	400	1,900	--
440	26	160	980	.40	--	280	--	.700	1,910	300	1,800	--
--	--	--	--	--	--	--	--	--	--	--	--	--
450	26	170	920	.40	--	290	--	.100	1,870	100	1,900	--
520	8.0	220	510	1.2	--	--	--	--	1,480	--	--	--
--	--	370	610	--	--	--	--	--	1,890	--	--	--
--	--	190	770	1.1	9.4	340	0	--	1,740	--	--	--
--	--	180	790	1.2	9.2	340	0	--	1,760	--	--	--
--	--	190	720	1.2	9.2	340	0	--	1,680	--	--	--
--	--	180	790	1.1	9.6	340	0	--	1,770	--	--	--
--	--	210	780	1.3	10	320	0	--	1,780	--	--	--
--	--	1,100	--	.40	--	--	--	--	--	400	--	--
700	37	1,100	9.2	.10	--	210	--	.00	1,950	100	--	--
390	22	310	480	.20	--	270	--	--	1,430	--	--	--
34	27	15	260	1.1	--	--	--	--	555	--	--	--
--	--	1,000	17	.10	--	270	--	.00	--	400	--	--
760	13	910	2.0	.60	--	470	--	--	1,930	2,200	ND	--
56	49	30	820	1.3	--	--	--	--	1,440	--	--	--
710	13	970	ND	.63	--	340	--	.00	--	6,400	30	--
--	--	1,200	.0	--	--	--	--	--	2,760	--	--	--
--	--	1,200	ND	--	--	--	--	--	--	600	--	--
--	--	1,000	19	--	--	--	--	--	2,470	--	--	--
--	--	840	740	--	--	--	--	--	1,960	--	--	--
--	--	930	ND	--	--	--	--	--	--	ND	--	--
--	--	640	190	--	--	--	--	--	2,080	--	--	--
--	--	640	190	--	--	--	--	--	--	1,300	--	--
--	--	960	.0	--	--	--	--	--	2,440	--	--	--
500	24	120	770	1.0	--	370	--	--	1,660	--	--	--
--	--	130	740	.80	11	350	0	--	1,610	--	--	--
--	--	120	750	.80	9.9	340	0	--	1,620	--	--	--
--	--	130	770	.80	10	370	0	--	1,660	--	--	--

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties 119

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties--Continued

Principal aquifer/ local identifier	Date of sample	Depth of well (feet) (00003)	Agency collecting sample (code number) (00027)	Agency analyzing sample (code number) (00028)	Water temper- ature (°C) (00010)	Specific conduct- ance (µS/cm) (00095)	pH (standard units) (00400)	Hardness total (mg/L as CaCO ₃) (00900)	Calcium, dissolved (mg/L as Ca) (00915)	Magne- sium, dissolved (mg/L as Mg) (00925)
Codell aquifer (Cont.)										
96N66W 2BDDD2	07- -65	608	1028	1028	--	--	8.5	54	15	4.0
96N66W23BCBC	- -65	573	46008	46008	--	--	8.4	51	14	4.0
96N66W23BCCC	07- -65	577	1028	1028	--	--	8.4	51	14	4.0
97N62W 7AAAA	09-10-68	320	1028	46002	--	2,240	8.8	29	7.0	2.9
97N62W14DDCC	09-10-68	509	1028	46002	--	2,500	8.2	63	19	3.8
97N64W 9DAAA	09-01-60	400	1028	46004	--	--	--	57	21	1.0
97N64W17CCDD2	07- -65	325	46008	46008	--	--	8.0	160	49	9.0
97N64W32DCAD	07- -65	325	1028	1028	--	--	7.6	60	11	8.0
97N65W17AADC	- -65	439	46008	46008	--	--	8.2	59	17	4.0
97N65W23DCCD	- -65	374	46008	46008	--	--	8.3	71	20	5.0
97N65W30CDBD	- -65	409	46008	46008	--	--	8.4	51	14	4.0
97N65W34CBBB	- -65	410	46008	46008	--	--	8.4	120	33	8.0
97N66W14AADD	07- -65	477	46008	46008	--	--	8.4	82	23	6.0
97N67W 6BAD	01- -55	475	1028	1028	--	--	7.4	570	160	43
--do--	12-11-57	475	46004	46004	--	--	7.7	650	190	44
--do--	02-22-67	475	1028	1028	--	--	6.9	610	170	46
--do--	06-06-72	475	1028	1028	--	--	7.5	540	160	32
97N67W 6BAD2	12-11-54	472	1028	1028	--	--	7.5	580	160	44
--do--	12- -57	472	46004	46004	--	--	7.5	580	160	44
--do--	04-26-66	472	46004	46004	--	--	7.1	520	150	38
--do--	03-05-75	472	1028	1028	--	--	7.6	580	160	44
--do--	05-12-77	472	1028	1028	--	--	7.2	530	140	43
98N62W24BBCC2	09-09-68	412	1028	46002	--	2,030	8.1	120	32	8.6
98N62W34BABB2	10- -60	336	1028	46002	--	--	8.4	56	14	5.0
98N62W34BABB3	10- -60	341	46004	46004	--	--	8.5	57	23	.0
98N62W34BABB3	05- -66	341	46004	46004	--	--	7.7	58	15	5.1
98N62W34BBAB	02-07-58	330	1028	1028	--	--	7.9	61	18	4.0
--do--	10-31-60	330	1028	1028	--	--	8.5	60	23	ND
--do--	05-04-66	330	1028	1028	--	--	7.7	58	15	5.1
98N62W34BBAD	09- -38	220	1028	1028	--	--	--	71	17	7.0
--do--	03-20-40	220	1028	1028	--	--	--	130	21	18
--do--	10-15-54	220	1028	1028	--	--	7.8	45	10	4.6
--do--	10-31-60	220	1028	1028	--	--	8.4	56	14	5.0
--do--	11-01-71	220	1028	1028	--	--	8.1	73	16	8.0
98N62W34BCBD	10-15-70	335	1028	1028	--	--	7.9	56	16	4.0

Sodium, dis- solved (mg/L as Na) (00930)	Potas- sium, dis- solved (mg/L as K) (00935)	Chloride, dis- solved (mg/L as Cl) (00940)	Sulfate, dis- solved (mg/L as SO ₄) (00945)	Fluoride, dis- solved (mg/L as F) (00950)	Silica, dis- solved (mg/L as SiO ₂) (00955)	Bicar- bonate FET- FLD (mg/L as HCO ₃) (00440)	Carbo- nate FET- FLD (mg/L as CO ₃) (00445)	Nitro- gen, nitrate total (mg/L as N) (00620)	Solids, sum of consti- tuents, dis- solved (mg/L) (70301)	Iron, total recover- able (µg/L as Fe) (01045)	Mangse- nese, total recover- able (µg/L as Mn) (01055)	Boron, dis- solved (µg/L as B) (01020)
--	--	860	19	--	--	--	--	--	--	120	--	--
--	--	780	.0	--	--	--	--	--	2,440	--	--	--
--	--	790	ND	--	--	--	--	--	--	200	--	--
470	12	220	300	--	--	500	--	--	1,260	--	--	--
520	17	370	310	--	--	500	--	--	1,490	--	--	--
530	--	460	190	--	--	--	--	--	1,630	--	--	--
--	--	290	300	--	--	--	--	--	--	--	--	--
--	--	1,100	ND	--	--	--	--	--	--	280	ND	--
--	--	660	110	--	--	--	--	--	2,200	--	--	--
--	--	790	.0	--	--	--	--	--	2,340	--	--	--
--	--	640	210	--	--	--	--	--	2,140	--	--	--
--	--	1,100	19	--	--	--	--	--	2,820	--	--	--
--	--	440	700	--	--	--	--	--	--	800	ND	--
--	--	220	--	1.5	--	230	--	0.00	0	760	--	--
400	25	260	940	1.5	--	230	--	.00	1,970	2,900	ND	--
360	23	190	940	1.4	--	180	--	.00	1,820	2,200	ND	--
380	21	200	940	1.1	--	220	--	1.00	1,840	1,200	ND	--
390	24	220	930	1.4	--	220	--	.00	1,870	3,100	ND	--
390	24	220	940	1.4	--	220	--	--	1,880	--	--	--
400	21	200	960	1.5	--	200	--	.150	1,870	2,800	30	--
380	22	210	960	1.2	--	220	--	1.00	1,890	900	ND	--
400	23	200	950	1.0	--	150	--	.100	1,830	2,800	50	--
410	17	96	690	--	--	230	--	--	1,370	--	--	--
520	1.5	160	530	1.7	--	490	--	--	1,470	--	--	--
530	1.5	130	620	1.7	--	450	--	--	1,530	--	--	--
520	14	120	620	1.8	--	450	--	--	1,520	--	--	--
530	14	130	620	1.9	--	470	--	1.50	1,540	ND	ND	--
530	1.5	130	620	1.7	--	450	--	2.00	--	ND	ND	--
510	14	120	620	1.8	--	450	--	2.50	1,510	40	10	--
--	--	140	600	2.0	58	--	--	--	--	200	ND	--
--	--	140	570	1.2	--	--	--	--	--	100	ND	--
--	--	130	600	1.9	--	470	--	.600	--	300	--	--
530	1.3	170	530	1.7	--	490	--	2.00	1,480	1,100	ND	--
500	11	130	600	1.8	--	480	--	<1.00	1,500	100	ND	--
480	12	170	510	1.6	--	490	--	ND	1,440	700	ND	--

Table 3. Chemical analyses of ground water in Chsrlea Mix end Douglass Counties 121

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties--Continued

Principal aquifer/ local identifier	Date of sample	Depth of well (feet) (00003)	Agency collecting sample (code number) (00027)	Agency analyzing sample (code number) (00028)	Water temper- ature (°C) (00010)	Specific conduct- ance (µS/cm) (00095)	pH (standard units) (00400)	Hardness total (mg/L as CaCO ₃) (00900)	Calcium, dissolved (mg/L as Ca) (00915)	Magne- sium, dissolved (mg/L as Mg) (00925)
Codell aquifer (Cont.)										
98N62W34BCBD	09-11-72	335	1028	1028	--	--	7.9	56	16	4.0
--do--	01-13-76	335	1028	1028	--	--	8.2	59	15	5.4
--do--	10-03-77	335	1028	1028	--	2,250	8.0	58	15	5.2
--do--	12-13-77	335	1028	1028	--	--	--	--	--	--
--do--	11-27-79	335	1028	1028	--	2,150	7.8	56	14	5.0
--do--	11-03-80	335	1028	1028	--	--	--	--	--	--
98N63W26AAAA	09-30-59	314	1028	46003	--	2,250	--	320	92	22
--do--	12-19-60	314	46008	46003	--	2,250	--	300	84	23
98N63W29AABB	09-10-68	319	1028	46002	12.0	2,070	8.2	140	50	2.9
98N64W12DADC2	09- -57	415	46004	46004	--	--	7.7	210	58	17
98N64W12DADC3	09- -37	415	1028	1028	--	--	--	250	63	23
--do--	01-05-40	415	1028	1028	--	--	--	330	94	23
--do--	10- -53	415	1028	1028	--	--	7.8	250	68	20
--do--	09- -57	415	46004	46004	--	--	8.0	230	62	19
--do--	09-17-57	415	1028	1028	--	--	7.5	220	58	19
--do--	10-19-60	415	1028	1028	--	--	7.7	220	61	17
--do--	02-10-75	415	1028	1028	--	--	7.9	220	61	18
98N64W12DADC4	09- -57	415	46004	46004	--	--	7.5	220	58	19
98N64W12DADC5	10- -60	415	46004	46004	--	--	7.7	220	61	17
98N65W 1CDDA2	09-09-68	420	1028	46002	14.0	2,500	8.3	65	18	4.8
98N65W33BCAA3	09-11-69	535	1028	1028	16.0	2,080	8.4	210	56	16
98N66W19AAAD	10-11-68	425	1028	46002	--	2,240	7.3	840	270	40
98N67W 7AAAA	10-04-68	538	1028	46002	12.0	2,990	7.5	460	140	27
98N67W32AAAD	10-10-68	462	1028	46002	--	2,450	7.8	35	11	1.9
99N62W 2DDDA	09-09-68	293	1028	46002	--	2,230	8.0	170	53	8.6
99N62W10ADAA	12-19-60	460	1028	46008	--	2,820	--	750	240	36
99N62W21AABD	12-19-60	410	1028	46003	--	1,900	--	230	50	26
99N63W20DDCA	09-10-68	347	1028	46002	--	1,180	7.8	390	110	27
99N63W25DDDD	07-31-68	340	1028	46002	11.0	2,240	7.2	440	140	22
99N63W28DDDD2	05-15-80	318	1028	1028	--	2,200	7.7	400	80	48
99N64W 3	03-17-81	383	46004	46004	--	2,080	7.9	160	--	--
99N64W 3BADD	09- -57	382	1028	46004	--	--	8.0	140	38	11
--do--	04-24-67	382	1028	1028	--	1,980	7.9	160	46	11
99N64W 3BADD2	09-08-69	395	1028	1028	--	--	7.7	140	38	10
99N64W 3BBA	09- -57	377	1028	46004	--	--	7.8	140	38	11

Sodium, dis- solved (mg/L as Na) (00930)	Potas- sium, dis- solved (mg/L as K) (00935)	Chloride, dis- solved (mg/L as Cl) (00940)	Sulfate, dis- solved (mg/L as SO ₄) (00945)	Fluoride, dis- solved (mg/L as F) (00950)	Silica, dis- solved (mg/L as SiO ₂) (00955)	Bicar- bonate FET- FLD (mg/L as HCO ₃) (00440)	Carbo- nate FET- FLD (mg/L as CO ₃) (00445)	Nitro- gen, nitrate total (mg/L as N) (00620)	Solids, sum of consti- tuents, dis- solved (mg/L) (70301)	Iron, total recover- able (µg/L as Fe) (01045)	Manga- nese, total recover- able (µg/L as Mn) (01055)	Boron, dis- solved (µg/L as B) (01020)
510	9.4	180	510	1.7	--	500	--	<1.00	1,480	ND	ND	--
520	13	180	520	1.2	--	500	--	<1.00	1,500	60	<20	--
520	13	180	490	1.6	--	500	--	.700	1,480	100	<20	--
--	--	--	--	1.6	--	--	--	<.100	--	--	--	--
510	13	180	480	1.7	--	500	--	.500	1,450	<20	<20	--
--	--	--	--	1.6	--	--	--	.300	--	--	--	--
300	3.0	110	780	--	--	200	--	--	1,400	--	--	--
350	16	100	770	1.2	--	--	--	--	1,430	--	--	--
400	19	60	670	--	--	290	--	--	1,350	--	--	--
520	18	240	700	1.2	--	350	--	--	1,730	--	--	--
--	--	260	700	1.2	--	--	--	--	--	--	--	--
--	--	260	670	1.2	--	--	--	--	--	100	ND	--
--	--	260	690	1.3	--	330	--	3.00	--	1,100	--	--
520	18	260	700	1.2	--	390	--	--	1,770	--	--	--
520	18	250	700	1.2	--	350	--	1.50	1,740	300	ND	--
540	19	260	710	1.3	--	350	--	ND	1,780	600	ND	--
510	170	250	700	.90	--	350	--	<1.00	1,880	600	20	--
520	18	250	700	1.2	--	350	--	--	1,740	--	--	--
540	19	260	710	1.3	--	350	--	--	1,780	--	--	--
520	14	370	240	--	--	360	--	--	1,340	--	--	--
320	9.1	440	55	--	--	380	--	--	1,080	--	--	--
200	22	200	970	--	--	100	--	--	1,750	--	--	--
480	26	130	1,300	--	--	110	--	--	2,160	--	--	--
570	9.5	440	2.2	--	--	510	--	--	1,290	--	--	--
520	16	120	710	--	--	410	--	--	1,630	--	--	--
340	24	13	1,200	1.1	--	--	--	--	2,000	--	--	--
310	20	25	620	1.0	--	--	--	--	1,180	--	--	--
130	18	16	450	--	--	280	--	--	887	--	--	--
300	25	110	730	--	--	270	--	--	1,460	--	--	--
400	35	210	860	--	--	120	--	3.85	1,700	510	--	2,900
400	16	68	550	--	--	420	--	--	--	--	--	--
400	18	60	570	2.1	--	440	--	--	1,310	--	--	--
400	16	65	580	2.1	9.6	410	0	--	1,340	--	--	4,100
380	16	58	570	1.9	--	420	--	ND	1,280	200	ND	--
420	19	60	570	2.2	--	450	--	--	1,340	--	--	--

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties 123

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties--Continued

Principal aquifer/ local identifier	Date of sample	Depth of well (feet) (00003)	Agency collecting sample (code number) (00027)	Agency analyzing sample (code number) (00028)	Water temper- ature (°C) (00010)	Specific conduct- ance (μS/cm) (00095)	pH (standard units) (00400)	Hardness total (mg/L as CaCO ₃) (00900)	Calcium, dissolved (mg/L as Ca) (00915)	Magne- sium, dissolved (mg/L as Mg) (00925)
Codell aquifer (Cont.)										
99N64W 3BBA	04-15-66	377	46004	46004	16.5	1,940	8.1	130	35	11
99N64W 3BCAA	10- -53	382	1028	1028	--	--	7.7	160	46	10
--do--	09-10-57	382	1028	1028	--	--	7.8	140	38	11
--do--	09-08-69	382	1028	1028	--	--	7.3	150	43	10
--do--	01-12-76	382	1028	1028	--	--	7.9	160	44	13
--do--	08-31-81	382	1028	1028	--	--	--	--	--	--
99N64W 6ABBB	09-09-68	400	1028	46002	13.0	2,500	8.0	120	38	6.7
99N64W25BCCC	09-10-68	462	1028	46002	10.0	2,750	7.8	240	78	12
99N65W 3ABBB	09-10-68	410	1028	46002	--	2,860	7.8	91	30	3.8
99N65W13DDCC2	09-10-68	415	1028	46002	--	2,550	8.0	79	22	5.8
99N66W 4DDAD	09-10-68	350	1028	46002	13.0	1,780	8.4	56	16	3.8
99N66W25CCCC	09-10-68	474	1028	46002	--	2,560	8.5	65	18	4.8
99N68W13CCCA	10-30-37	455	1028	1028	--	--	--	77	21	6.0
--do--	10- -54	455	46004	46004	--	--	7.7	88	27	5.0
--do--	04- -66	455	46004	46004	--	--	8.2	64	14	7.0
--do--	01-11-71	455	1028	1028	--	--	7.9	82	23	6.0
--do--	01-13-76	455	1028	1028	--	--	8.1	82	21	7.4
--do--	10-03-77	455	1028	1028	--	3,130	8.0	79	20	7.0
100N62W24AABD	09-09-68	227	1028	46002	--	2,110	7.9	100	32	5.8
100N62W33AAAA	09-09-68	345	1028	46002	12.0	2,040	8.2	69	18	5.8
100N63W15ABBB	09-09-68	396	1028	46002	14.0	1,780	8.4	77	11	12
100N63W32BBBB	09-10-68	472	1028	46002	--	1,680	8.1	55	14	4.8
100N64W13BAAD	09-09-68	400	1028	46002	--	1,460	7.9	67	19	4.8
100N64W27ADDD	09-09-68	385	1028	46002	12.0	1,640	8.5	57	18	2.9
100N65W 8DAAD	09-10-68	365	1028	46002	--	3,230	8.0	120	35	7.7
100N65W24CCCB	09-10-68	364	1028	46002	13.0	2,960	7.9	160	43	12
Dakota aquifer										
93N62W 7BBDD	09-20-66	660	1028	46002	18.0	1,750	7.6	820	280	30
93N62W 7DAC	09-15-60	603	1028	1028	18.5	1,660	7.1	740	220	45
--do--	04-05-67	603	1028	1028	--	1,660	8.0	730	220	44
94N61W 7CAA	02-17-67	693	1028	1028	18.5	1,920	7.4	990	300	58
94N62W30DDDA	11-06-79	640	46003	84610	11.0	2,580	5.9	1,600	260	230
94N64W26DBA	09-14-60	680	1028	1028	12.0	1,660	7.3	700	210	43
--do--	04-05-67	680	1028	1028	19.0	1,600	8.0	710	210	44
--do--	06-06-74	680	1028	80020	19.5	1,650	7.4	710	210	43
95N65W 4DAAA	01-02-47	854	46002	46002	--	--	--	920	280	53
96N62W 7AADD	12-19-60	805	1028	46008	--	2,200	--	1,000	300	67

Sodium, dis- solved (mg/L as Na) (00930)	Potas- sium, dis- solved (mg/L as K) (00935)	Chloride, dis- solved (mg/L as Cl) (00940)	Sulfate, dis- solved (mg/L as SO ₄) (00945)	Fluoride, dis- solved (mg/L as F) (00950)	Silica, dis- solved (mg/L ss SiO ₂) (00955)	Bicar- bonate FET- FLD (mg/L as HCO ₃) (00440)	Carbo- nate FET- FLD (mg/L as CO ₃) (00445)	Nitro- gen, nitrate total (mg/L as N) (00620)	Solids, sum of consti- tuents, dis- solved (mg/L) (70301)	Iron, total recover- able (µg/L as Fe) (01045)	Manga- nese, total recover- able (µg/L as Mn) (01055)	Boron, dis- solved (µg/L as B) (01020)
380	15	66	540	2.2	6.1	410	0	--	1,260	--	--	400
--	--	62	540	2.3	--	430	--	ND	--	100	--	--
420	19	60	570	2.2	--	450	--	ND	1,340	600	ND	--
360	19	45	530	1.8	--	420	--	ND	1,220	400	ND	--
380	18	57	550	1.3	--	430	--	<1.00	1,270	300	20	--
--	--	--	--	1.9	--	--	--	<.100	--	--	--	--
540	18	390	440	--	--	160	--	--	1,510	--	--	--
500	22	310	640	--	--	330	--	--	1,720	--	--	--
560	18	500	330	--	--	380	--	--	1,630	--	--	--
570	14	360	370	--	--	410	--	--	1,540	--	--	--
370	12	190	300	--	--	280	--	--	1,030	--	--	--
540	14	360	410	--	--	490	--	--	1,590	--	--	--
--	--	610	260	3.2	9.0	--	--	--	--	1,000	ND	--
--	--	590	250	2.8	--	530	--	--	1,910	--	--	--
640	17	560	250	2.6	--	510	--	--	1,740	--	--	--
640	12	580	260	2.8	--	--	--	1.00	1,780	500	ND	--
660	14	590	230	1.8	--	530	--	1.00	1,790	200	<20	--
670	14	600	240	3.0	--	530	--	.100	1,810	200	30	--
430	12	100	620	--	--	400	--	--	1,390	--	--	--
450	11	130	430	--	--	470	--	--	1,270	--	--	--
390	10	50	530	--	--	290	--	--	1,150	--	--	--
340	12	120	330	--	--	400	--	--	1,020	--	--	--
320	12	18	440	--	--	320	--	--	972	--	--	--
350	14	30	480	--	--	320	--	--	1,050	--	--	--
630	26	590	440	--	--	390	--	--	1,920	--	--	--
640	24	520	380	--	--	360	--	--	1,800	--	--	--
56	27	66	730	--	--	--	--	--	1,300	--	--	--
100	22	62	700	4.2	9.3	200	0	--	1,260	--	--	720
100	22	58	680	3.0	9.3	190	0	--	1,240	--	--	860
93	20	92	810	--	--	170	0	--	1,450	8,600	--	--
120	--	14	2,100	--	11	480	0	--	--	30	8	--
97	23	49	700	5.0	9.9	180	0	--	1,230	--	--	730
100	22	47	680	3.8	9.4	180	0	--	1,210	--	--	700
90	22	51	660	2.9	9.6	190	0	--	1,190	--	--	710
46	--	46	820	3.1	12	150	--	--	1,360	--	--	2,000
110	19	110	970	1.5	--	--	--	--	1,650	--	--	--

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties 125

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties--Continued

Principal aquifer/ local identifier	Date of sample	Depth of well (feet) (00003)	Agency collecting sample (code number) (00027)	Agency analyzing sample (code number) (00028)	Water temper- ature (°C) (00010)	Specific conduct- ance (µS/cm) (00095)	pH (standard units) (00400)	Hardness total (mg/L as CaCO ₃) (00900)	Calcium, dissolved (mg/L as Ca) (00915)	Magne- sium, dissolved (mg/L as Mg) (00925)
Dakota aquifer (Cont.)										

96N62W 9BABB	05-09-60	560	1028	1028	--	1,960	7.2	840	240	58
96N63W 8CDA	09-14-60	672	1028	1028	16.0	2,000	7.2	810	240	51
--do--	04-05-67	672	1028	1028	16.0	2,050	8.0	830	240	55
--do--	06-06-74	672	1028	84913	15.5	2,040	7.5	800	230	52
--do--	08-04-79	672	1028	80020	15.0	2,080	7.4	780	230	48
--do--	05-08-80	672	1028	80020	15.0	1,990	7.4	--	--	--
96N63W33CCBA2	05-09-60	870	1028	1028	20.0	2,370	6.8	1,200	350	75
96N64W 6ACDA	08-28-69	732	1028	46002	23.0	1,910	8.4	880	270	51
96N64W 7ABCD2	06-12-46	950	1028	1028	21.0	2,190	--	1,000	320	57
96N65W10B	06-12-46	909	1028	1028	14.0	--	8.0	61	21	2.0
96N66W 8CBB	03-30-61	845	1028	46001	--	1,800	7.3	990	300	59
96N66W29DAB	06-02-67	1,130	1028	46002	--	1,740	7.4	840	270	41
--do--	06-19-67	1,130	1028	46002	--	1,840	7.3	830	260	43
97N64W27CCCB	12-19-60	860	46008	46008	17.0	2,200	--	840	250	52
97N66W 7BAAA	03-19-68	822	1028	46001	--	1,920	7.1	880	--	--
97N67W 5BCC	05-01-62	1,100	1028	46001	--	1,600	--	670	180	53
98N62W 5BCBB	09-13-60	833	1028	1028	16.0	2,550	7.2	1,400	430	84
--do--	04-16-65	833	1028	1028	16.0	2,600	7.4	1,400	430	83
--do--	04-25-67	833	1028	1028	14.0	2,560	7.7	1,400	420	89
98N64W12DADC	09- -57	757	1028	1028	20.0	--	--	1,300	370	100
98N67W10CABB	10-04-68	940	1028	1028	13.0	2,170	7.4	1,000	310	59
98N68W13ABAA	06-12-69	890	1028	46002	19.0	1,880	7.8	800	190	78
98N69W14DCAA	09-11-69	1,280	1028	46002	19.0	1,870	7.9	980	300	56
99N63W14ADA	09-10-68	640	1028	46002	15.0	2,500	7.8	1,200	390	51
99N68W13CBBA	10-30-37	838	1028	1028	--	--	--	1,600	380	160
--do--	10- -54	838	46004	46004	--	--	7.8	1200	380	69
--do--	10-21-54	838	1028	1028	--	--	7.8	1,200	380	69
--do--	01-11-71	838	1028	1028	--	--	7.1	1,100	350	53
--do--	08- -71	838	1028	1028	--	--	7.0	990	300	56
99N68W13CCCA2	12-28-56	948	46004	46004	--	--	7.5	1,100	330	71
--do--	04-26-66	948	46004	46004	--	--	7.8	1,200	370	63
--do--	01-11-71	948	1028	1028	--	--	7.2	1,200	370	63
--do--	01-13-76	948	1028	1028	--	--	7.5	1,200	370	73
--do--	10-03-77	948	1028	1028	--	2,390	7.4	1,200	360	71
99N68W31DDDB	05-09-60	960	1028	1028	14.0	2,100	7.0	1,100	310	70

Sodium, dis- solved (mg/L as Na) (00930)	Potas- sium, dis- solved (mg/L as K) (00935)	Chloride, dis- solved (mg/L as Cl) (00940)	Sulfate, dis- solved (mg/L as SO ₄) (00945)	Fluoride, dis- solved (mg/L as F) (00950)	Silica, dis- solved (mg/L as SiO ₂) (00955)	Bicar- bonate FET- FLD (mg/L as HCO ₃) (00440)	Carbo- nate FET- FLD (mg/L as CO ₃) (00445)	Nitro- gen, nitrate total (mg/L as N) (00620)	Solids, sum of consti- tuents, dis- solved (mg/L) (70301)	Iron, total recover- able (µg/L as Fe) (01045)	Manga- nese, total recover- able (µg/L as Mn) (01055)	Boron, dis- solved (µg/L as B) (01020)
120	20	93	860	2.7	6.4	170	0	--	1,480	--	--	530
160	20	100	850	3.5	8.8	180	0	--	1,530	--	--	690
170	20	94	840	3.0	8.6	190	0	--	1,530	--	--	7,200
150	20	100	780	2.6	8.8	190	0	--	1,450	--	--	740
150	20	97	820	2.9	9.0	200	0	--	1,490	2,800	--	730
--	--	--	--	--	--	--	--	--	--	--	--	--
110	19	160	1,100	2.7	9.3	150	--	--	1,900	--	--	120
87	19	150	790	--	--	120	--	--	1,430	--	--	--
110	22	140	930	--	8.1	130	--	--	1,650	--	--	--
710	13	1100	13	--	15	190	--	--	1,970	--	--	--
49	13	83	870	--	--	160	0	--	1,450	--	--	--
94	--	--	980	--	--	180	--	--	--	--	--	--
74	--	--	800	--	--	200	--	--	--	--	--	--
140	22	120	900	1.5	--	--	--	--	1,570	--	--	--
110	--	--	--	--	--	--	--	--	--	--	--	--
48	10	120	300	--	--	300	20	--	879	--	--	--
110	20	150	1,300	3.4	9.9	160	0	--	2,180	--	--	230
110	20	150	1,200	2.9	10	160	0	--	2,080	--	--	240
120	20	150	1,200	2.8	10	160	0	--	2,090	--	--	2,500
--	--	170	1,200	--	9.0	--	--	--	--	--	--	--
96	18	160	990	--	--	78	--	--	1,670	--	--	--
47	23	98	750	--	--	120	--	--	1,240	--	--	--
90	14	140	660	--	--	130	--	--	1,320	--	--	--
98	20	110	1,200	--	--	150	--	--	1,940	--	--	--
--	--	210	1,100	3.4	11	--	--	--	--	3,200	200	--
--	--	250	1,100	2.6	--	160	--	--	2,220	--	--	--
180	11	250	1,100	2.6	--	160	--	0.00	2,040	4,400	--	--
150	17	220	1,000	2.3	--	100	--	1.00	1,900	9,600	100	--
170	7.0	240	990	2.4	--	59	--	.100	1,790	5,600	10	--
140	19	210	1,000	2.8	--	110	--	.00	1,860	10,000	100	--
130	28	200	1,100	2.8	--	150	--	.00	1,930	1,800	100	--
130	17	200	1,000	2.5	--	150	--	1.00	1,900	2,800	ND	--
130	19	210	1,100	1.7	--	140	--	1.00	1,940	2,200	160	--
130	18	220	1,000	2.8	--	140	--	.100	1,910	1,900	200	--
90	18	120	960	2.7	9.6	150	0	--	1,650	--	--	150

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties 127

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties--Continued

Principal aquifer/ local identifier	Date of sample	Depth of well (feet) (00003)	Agency collecting sample (code number) (00027)	Agency analyzing sample (code number) (00028)	Water temper- ature (°C) (00010)	Specific conduct- ance (μS/cm) (00095)	pH (standard units) (00400)	Hardness total (mg/L as CaCO ₃) (00900)	Calcium, dissolved (mg/L as Ca) (00915)	Magne- sium, dissolved (mg/L as Mg) (00925)
Dakota aquifer (Cont.)										
99N68W31DDDB	04-05-67	960	1028	1028	13.5	2,160	7.9	1,100	320	67
99N69W18BBBD	09-12-68	920	1028	46002	13.0	1,980	7.6	820	270	36
99N69W23DDDB	05-31-67	860	1028	46002	--	1,890	7.9	1,000	320	58
100N67W14BAAA	09-11-69	850	1028	46002	--	2,310	8.0	1,300	390	88
100N68W25CBB	09-20-68	840	1028	46002	--	2,650	7.2	1,200	390	48
100N68W35DDDD	09-20-68	840	1028	46002	21.0	2,320	8.0	960	310	46
100N70W25BBC	09-11-69	900	1028	46002	--	2,160	8.2	1,000	310	63
Niobrara aquifer										
93N62W 3CBBB	11-06-79	358	46003	84610	11.5	1,070	8.4	210	66	12
97N65W24CBCC	06- -65	247	46008	46008	--	--	8.0	810	300	15
97N66W 7B	- -68	210	1028	1028	--	3,500	7.7	96	22	10
97N66W 7BAAA2	10-14-67	210	1028	46002	16.0	3,500	7.7	94	22	9.6
98N62W27ABBB	09-09-68	180	1028	46002	13.0	2,000	8.0	140	40	9.6
98N63W 6D	02-14-73	140	1028	1028	--	2,220	7.4	120	10	22
98N63W19AAAA	10-02-69	192	1028	46002	12.0	2,130	8.3	320	72	34
--do--	10-23-79	192	1028	1028	21.0	2,150	--	330	95	22
100N66W10DDCC	09-10-68	180	1028	46002	13.0	2,440	7.8	75	22	4.8
100N66W21BDBB	09-10-68	280	1028	46002	13.0	2,000	8.1	95	27	6.7
Pierre Shale										
100N71W13ADAD	09-12-68	90	1028	46002	15.0	2,340	7.6	830	250	49

Sodium, dis- solved (mg/L as Na) (00930)	Potas- sium, dis- solved (mg/L as K) (00935)	Chloride, dis- solved (mg/L as Cl) (00940)	Sulfate, dis- solved (mg/L as SO ₄) (00945)	Fluoride, dis- solved (mg/L as F) (00950)	Silica, dis- solved (mg/L as SiO ₂) (00955)	Bicar- bonate FET- FLD (mg/L as HCO ₃) (00440)	Carbo- nate FET- FLD (mg/L as CO ₃) (00445)	Nitro- gen, nitrate total (mg/L as N) (00620)	Solids, sum of consti- tuents, dis- solved (mg/L) (70301)	Iron, total recover- able (µg/L as Fe) (01045)	Manga- nese, total recover- able (µg/L as Mn) (01055)	Boron, dis- solved (µg/L as B) (01020)
96	20	120	940	2.9	9.2	140	0	--	1,650	--	--	160
76	21	110	930	--	--	68	--	--	1,480	--	--	--
92	21	170	970	--	--	170	--	--	1,710	--	--	--
170	20	88	1,200	--	--	180	--	--	2,040	--	--	--
130	21	140	110	--	--	120	--	--	899	--	--	--
110	23	96	1,100	--	--	98	--	--	1,730	--	--	--
87	23	110	960	--	--	180	--	--	1,640	--	--	--
140	--	36	240	--	.20	54	5	--	--	<10	26	--
--	--	170	1,800	--	--	--	--	--	--	500	300	--
790	16	830	--	--	--	--	--	--	--	19,000	--	--
790	16	830	20	--	--	450	--	--	1,910	--	--	--
410	16	59	600	--	--	420	--	--	1,340	--	--	--
420	25	38	650	--	--	440	--	--	1,380	--	--	--
310	22	90	650	--	--	310	--	--	1,330	--	--	--
360	--	120	660	.67	--	--	--	<.500	--	<50	<50	--
500	18	380	170	--	--	540	--	--	1,360	--	--	--
400	16	240	330	--	--	380	--	--	1,200	--	--	--
180	26	26	1,100	--	--	260	--	--	1,730	--	--	--

Table 3. Chemical analyses of ground water in Charles Mix and Douglas Counties 129