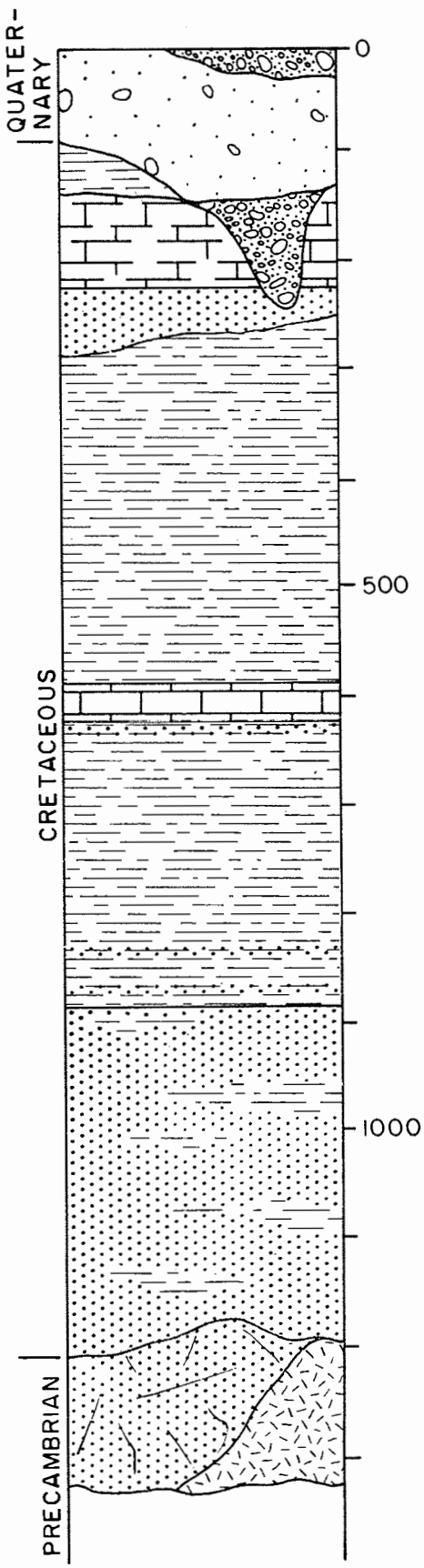

GEOLOGY AND GROUND WATER SUPPLIES IN SANBORN COUNTY SOUTH DAKOTA

Part II: Ground Water Basic Data

by
Fred V. Steece,
South Dakota Geological Survey
and
Lewis W. Howells,
United States Geological Survey

Bulletin 17
South Dakota Geological Survey

1969

STATE OF SOUTH DAKOTA
Frank Farrar, Governor

SOUTH DAKOTA GEOLOGICAL SURVEY
Duncan J. McGregor, State Geologist

Bulletin 17

GEOLOGY AND GROUND–WATER SUPPLIES IN SANBORN COUNTY, SOUTH DAKOTA

Part II–Ground-Water Basic Data

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Fred V. Steece and Lewis Howells

Prepared in cooperation with the
United States Geological Survey

Science Center
University of South Dakota
Vermillion, South Dakota 57069
1969

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INTRODUCTION

The geologic and hydrologic study of Sanborn County (see fig. 1 for location) was conducted from 1959 to 1962 on a cooperative basis by the South Dakota Geological Survey and the U. S. Geological Survey. The results of the study are to be published in two parts. The first part, containing interpretive accounts of the geologic and hydrologic conditions in the county, and selected basic data, was published by the South Dakota Geological Survey (Steece and Howells, 1965). This report is the second part of the study and contains the basic geologic and hydrologic data. Geologic nomenclature used in this report is that of the South Dakota Geological Survey. It differs somewhat from that accepted by the U. S. Geological Survey.

The purpose of this basic-data report is to make available to the public the ground-water and geologic data needed for such water-supply uses as urban and rural development, water conservation, and recreational uses. The data contained herein also serves as a supplement to the geologic and hydrologic report already published.

Wells and test holes in this report are numbered in accordance with the U. S. Bureau of Land Management's system of land subdivision. The first numeral of a well or test hole designation indicates the township; the second, the range; and the third, the section in which the well or test hole is located. Lowercase letters after the section number indicate the position of the well or test hole within the section. The first letter indicates the 160-acre tract; the second, the 40-acre tract; the third, the 10-acre tract; and the fourth, the 2½-acre tract. The letters a, b, c, and d are assigned to the tracts in a counterclockwise direction beginning in the northeast corner of each tract. For example, well 106-60-15da is in the NE¼SE¼ sec. 15, T. 106 N., R. 60 W., as shown in figure 2. If two or more wells or test holes are within the same tract, consecutive numbers beginning with 1 are added as suffixes to designate the order in which the wells or test holes are listed (such as 106-60-15da$_2$).

The information in this report may be useful for predicting subsurface conditions in Sanborn County when used together with the geologic and hydrologic report. For example, aquifer depth and thickness, water quality, and aquifer characteristics can be estimated for a potential site by examining the records of nearby wells shown in tables 1 and 2 and figure 3.

The writers wish to thank the residents of Sanborn County for their cooperation and helpfulness during the course of the field work. They are particularly grateful to Lloyd Hinker and Melvin Bergeleen, well drillers, for access to their drilling logs and for showing their knowledge of the area.

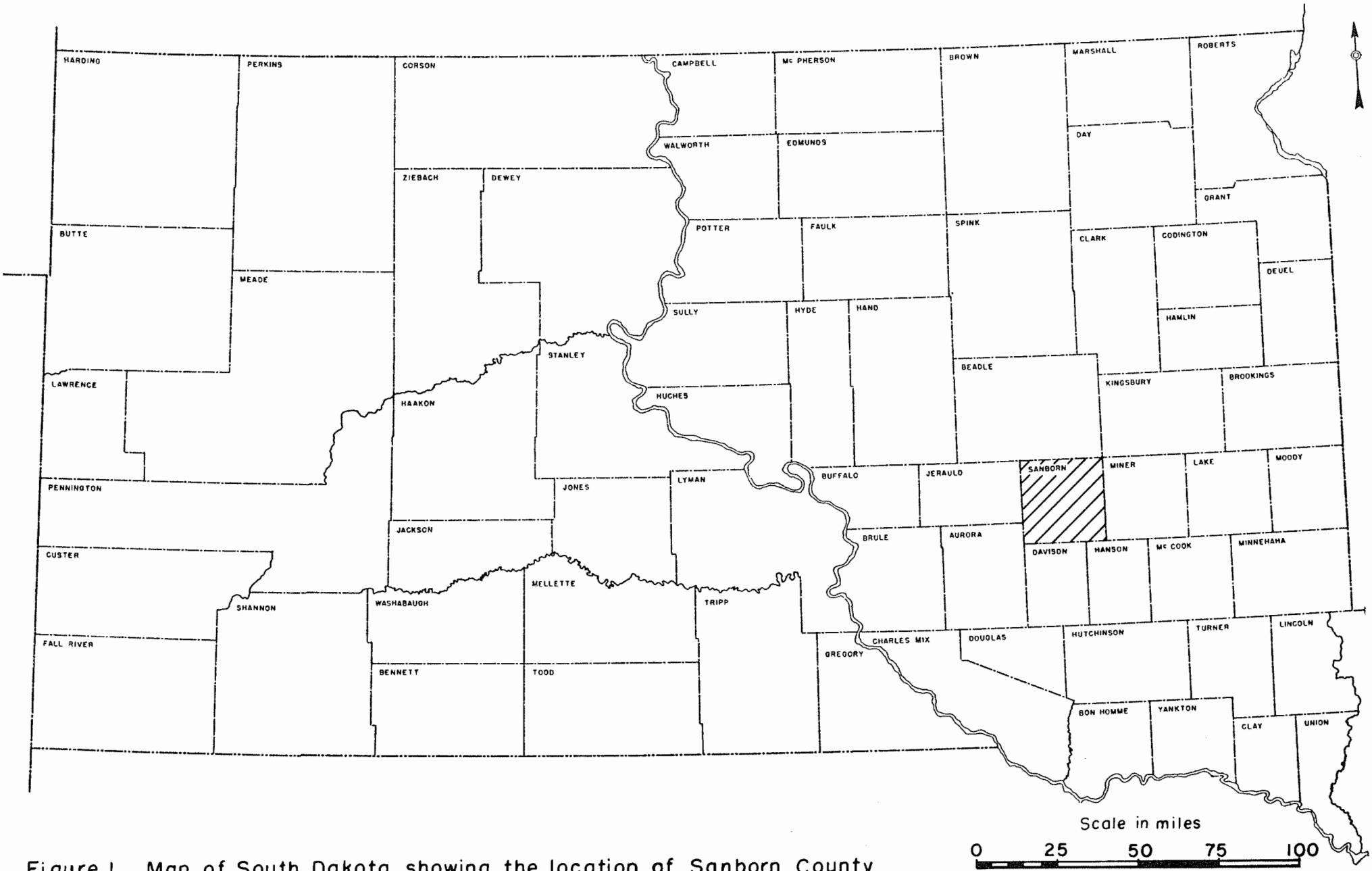


Figure 1. Map of South Dakota showing the location of Sanborn County

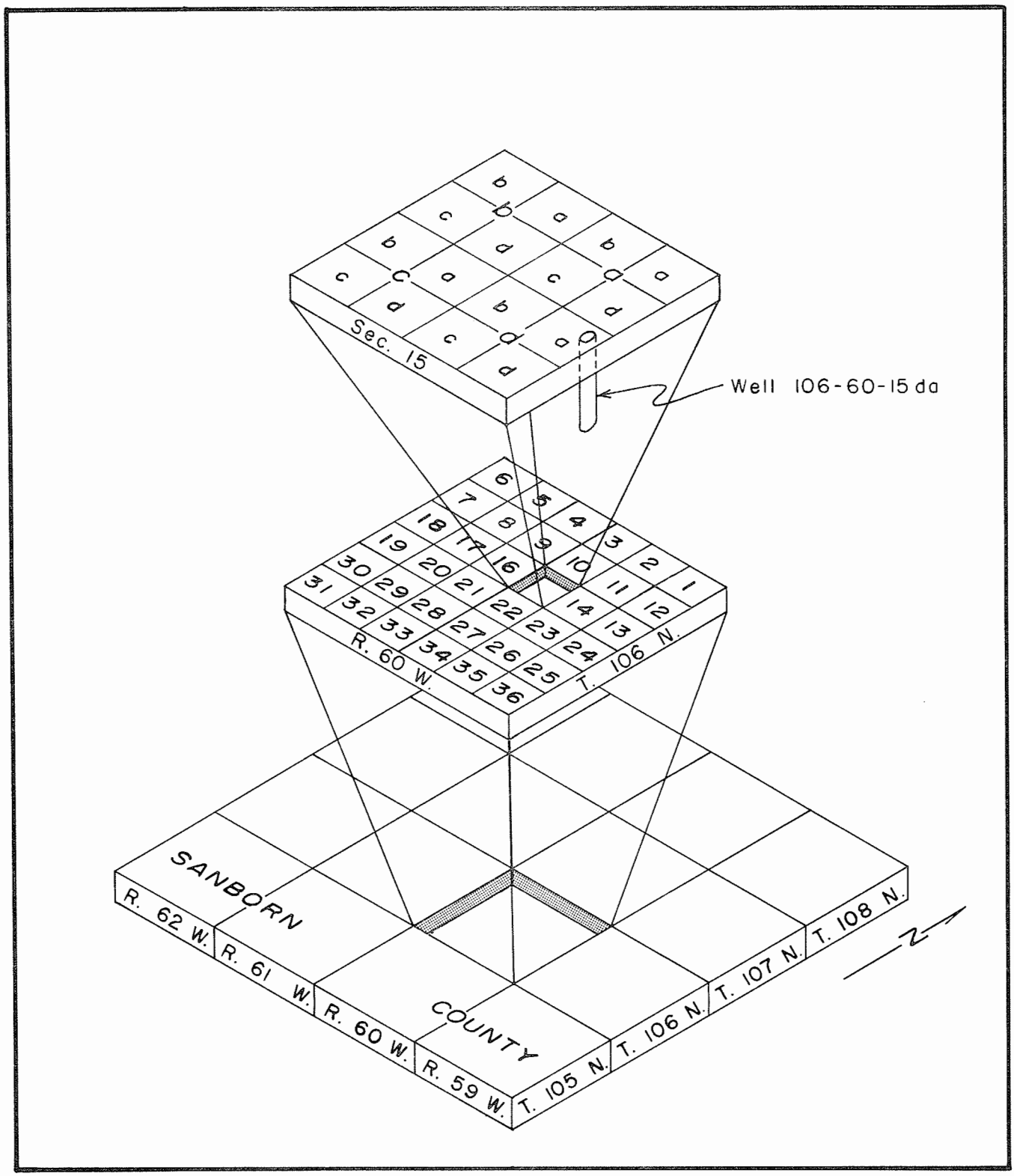
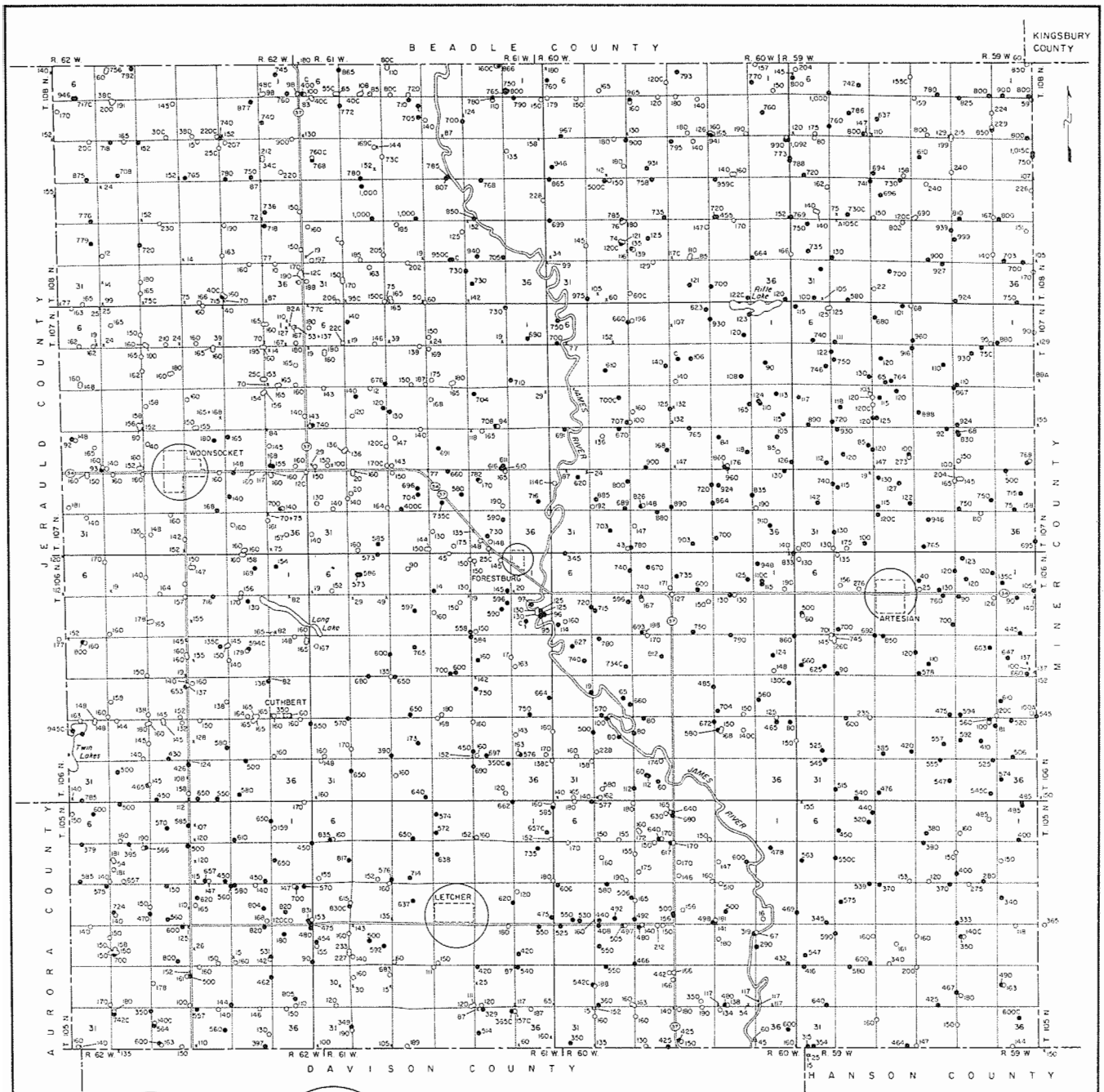
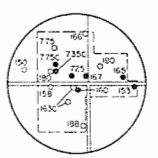
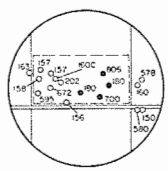


Figure 2. Diagram showing well-numbering system.

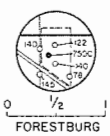




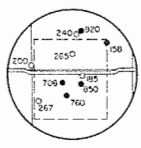
0 ½ 1 mile
WOONSOCKET



0 ½ 1 mile
LETCHER



0 ½ 1 mile
FORESTBURG



0 ½ 1 mile
ARTESIAN

0 1 2 3 4 5 6
SCALE IN MILES

EXPLANATION

- Flowing well
- Non-flowing well
- Test hole or test well
- Complete chemical analyses
- 160 Depth of well or test hole
- Aquifer test
- Spring
- Numbered highways

FIGURE 3. DATA LOCATION MAP OF SANBORN COUNTY

by
Fred V Steece,
South Dakota Geological Survey
and
Lewis W Howells,
United States Geological Survey
1969

REFERENCES CITED

South Dakota Water Resources Commission, 1966, Observation Well Report, 45 p.

Steece, F. V., and Howells, L. W., 1965, Geology and ground-water supplies in Sanborn County, South Dakota: S. Dak. Geol. Survey Bull. 17, 182 p.

Table 1.--Logs of wells and test holes in Sanborn County, and vicinity.

Well or test hole location: See page 1 and figure 3.

Drilled: Letter before year: a, about; b, before. Letter after year designates source of data and well driller as follows: A, South Dakota Geological Survey jeep-mounted auger; B, South Dakota Geological Survey rotary drill; C, South Dakota Water Resources Commission; D, U. S. Geological Survey truck-mounted auger; E, U. S. Geological Survey contract rotary drilling; F, U. S. Bureau of Reclamation; G, commercial well driller; S, samples taken at 5-foot intervals.

Elevation: To the nearest foot in most cases; obtained by instrument or from U. S. Geological Survey New Series Topographic Quadrangle Maps, or U. S. Bureau of Reclamation reconnaissance topographic maps (5-foot contour interval); elevation from any other source is proceeded by the letter a, and is accurate to within 10 feet.

Geologic unit: Qu, Pleistocene and Recent undifferentiated; Qal, alluvium; Qds, dune sand; Qld, lake deposit; Qwl, late Wisconsin drift; Qwe, early Wisconsin drift; Kp, Pierre Shale; Kn, Niobrara Marl; Kc, Carlile Shale; Kcc, Codell Sandstone Member of Carlile Shale; Kg, Greenhorn Limestone; Kgs, Graneros Shale; Kd, Dakota Group; p€s, Precambrian Sioux Quartzite; p€u, Precambrian undifferentiated.

SANBORN COUNTY

Well 105-59-2adc
Drilled 1963, G — Elevation 1,324 feet

Geologic unit	Material	Depth below land surface (feet)
	Soil, black	0- 2
Qu	Clay, yellow	2- 20
	Clay, dark. Rock at 30 feet	20-102
	Gravel; rocks	102-114
Kn	Chalk, white	114-122
Kc	Shale, solid, gummy	122-154
Kcc	Sandstone; hard and soft layers	154-218
	Shale	218-347
Kg	Sandstone	347-360
	Shale; thin sandstone beds	360-442
	Sand and soft sandstone; hardshell 461'	442-483
Kd	Shale	483-485

Well 105-59-2ccbb
Drilled 1958, G — Elevation 1,327 feet

Qu	Clay	0-110
	Sand	110-133
Kn	Clay, blue	133-160

Remarks: Water level 38 feet below land surface.

Test hole 105-59-6bbbb
Drilled 1961, B — Elevation 1,290 feet

Qu	Clay, buff, sandy and pebbly	0- 15
	Clay, gray, sandy and pebbly	15- 44
	Gravel, pea-size	44- 50
	Clay, gray, sandy and very silty	50-111
Kn	Cuttings went into mud system - very few cuttings	111-129
Kcc	Chiefly quartz sand, fine to coarse, some calcareously cemented; abundant rock fragments, shell fragments; pyrite	129-155

SANBORN COUNTY

Well 105-59-19ccaa
Drilled 1962, G — Elevation 1,298 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil, black; some yellow clay	0- 27
	Gravel, coarse	27- 31
	Clay, dark	31-140
Kc(?)	Shale, solid	140-164
Kcc(?)	Sandstone	164-165
	Chalk; sand, chalk, and red clay at 180'	165-184
	Shale, hard; hard layers	184-315
	Shale, softer	315-342
Kg	Sandstone, soft	342-346
	Shale; hard layers	346-383
	Shale, soft	383-400
Kd	Sandstone and sand; very hard from 400-402' and 412-414'; flowed 4 gpm from 402-420'	400-420
	Shale; hard layers	420-488
	Shale; soft	488-500
	Sand	500-519
	Shale	519-542
	Sandstone, soft	542-544
p-s(?)	Rock, very hard	544-547

Remarks: Flowed 60 gpm without casing, 50 gpm with casing.

Well 105-59-21bddd
Drilled 1958, G — Elevation 1,316 feet

	Clay	0-136
Kc	Shale, sandy	136-140
Kcc	Sandstone and sand	140-146
	Sandstone and sand	146-161

SANBORN COUNTY

Well 105-59-29babb
Drilled 1959, G — Elevation 1,303 feet

Geologic unit	Material	Depth below land surface (feet)
	Unreported	0-180
Kcc (?)	Sand	180-230
Kc (?)	Shale	230-380
Kg (?)	Sand, hard; rock at 400'	380-400
Kgs (?)	Shale	400-450
Kd (?)	Sand, good	450-460
	Shale	460-470
	Sand	470-478
	Shale	478-503
	Sand	503-510
	Shale	510-540
	Sand, good	540-580

Remarks: Flowed 20 gpm

Well 105-59-30bbba
Drilled 1958, G — Elevation 1,299 feet

Qu	Drift	0-115
Kcc	Sandstone	115-170
Kc	Shale, sticky	170-230
	Shale	230-310
	Shale, hard	310-330
Kg	Sand; contains shells	330-340
	Sand, hard; contains shells	340-360
Kgs	Shale	360-384
Kd (?)	Sand	384-416

Well 105-59-31ccdd
Drilled — Elevation 1,302 feet

Qu	Clay, yellow	0- 30
	Sand	30- 42
	Clay, blue	42- 62
	Chalk, (till)	62- 77
	Sandstone (sand)	77-102
Ku	Shale	102-295
Kcc (?)	Sandstone, 25 gpm flow at 315 feet	295-315

SANBORN COUNTY

Well 105-59-33dcdd
Drilled b 1904, G — Elevation 1,314 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Drift	0-140
Kn	Chalkstone	140-180
Kc	Shale	180-200
Kcc	Sandstone	200-236
	Shale	236-248
	Sandstone; flow	248-256
	Shale, soft	256-356
Kg	Sandstone	356-364
Kgs	Shale	364-464
Kd	Sand; flow	464- ?

Well 105-59-36bad
Drilled 1955, G — Elevation 1,317 feet

	No record	0-197
Kcc	Sand, hard, contains shells	197-245
Kc	Shale, hard; contains sand streaks and shells	245-290
	Shale	290-300
	Sand	300-320
	Shale, hard	320-340
	Shale	340-350
	Shale, hard	350-360
Kg	Sand, hard	360-370
	Sand, hard	370-380
Kgs	Shale	380-420
	Sand	420-430
	Shale	430-450
Kd	Sand	450-505
	Shale	505-515
	Sand	515-525
	Shale	525-555
	Sand rock	555-600

Well 105-60-4cbcc$_2$
Drilled 1959, G — Elevation 1,300 feet

Qu	Clay; some loose rocks	0-139
Kn	Chalkrock	139-172

Remarks: Water level 72 feet below land surface.

SANBORN COUNTY

Well 105-60-8dcd
Drilled 1950, G — Elevation 1,310 feet

Geologic unit	Material	Depth below land surface (feet)
	Unreported	0-175
Kcc	Sandstone	175-190

Well 105-60-11bcc
Drilled 1950, G — Elevation 1,297 feet

	Unreported	0-132
Kcc	Sandstone	132-147

Well 105-60-12bba
Drilled 1950, G — Elevation 1,250 feet

	Unreported	0-462
	Sandstone	462-478

Test hole 105-60-13cc
Drilled 1959, A — Elevation 1,220 feet

Qal	Alluvium	0- 4
	Clay, brown	4- 6
	Sand and water	6- 8
	Alluvium; snail shells	8- 9
	Alluvium	9- 13
	Clay, gray	13- 16

Well 105-60-14bbba$_2$
Drilled 1894, G — Elevation 1,300 feet

Qu	Drift	0-180
Kcc	Sandstone	180-202
Kc,Kg,Kgs	Shale; some sand and "Some water-bearing rock"	202-500
Kd	Sandstone	500-510

SANBORN COUNTY

Well 105-60-17adda
Drilled 1960, G — Elevation 1,291 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay, yellow	0- 40
	Clay, dark	40-107
	Clay, gravelly	107-132
Kcc(?)	Sand, fine	132-145
Kc (?)	Shale	145-165

Remarks: Water level 60 feet below land surface.

Well 105-60-17babb
Drilled 1956, G — Elevation 1,295 feet

	Unreported	0- 35
Qu	Gravel	35- 50
	Unreported	50-122
Kn	Chalk	122-170
Kcc	Sand	170-200
Kc	Shale; some shells	200-280
	Shale	280-300
	Shale, sticky	300-340
Kc,Kg,Kgs	Unreported	340-530
Kd	Sand	530-540
	Sand; some shale near base	540-550
	Sand	550-580

Test hole 105-60-18dddd$_1$
Drilled 1954, F — Elevation 1,306.5 feet

Qwl	Till, silty clay, oxidized	0- 24
	Till, silty clay, unoxidized; from 55-57 fine to coarse sand, some silt and clay; water-laid; permeable	24-117
	Sand, fine to medium; some silt; water-laid; moderately permeable; lost core 120-124'	117-125
Qwe(?)	Till, clayey silt, unoxidized	125-130
	Till, silty clay, unoxidized	130-152
Kn	Clay, dark-gray, soft	152-160

SANBORN COUNTY

Well 105-60-20abab
Drilled b1904, G — Elevation 1,300 feet

Geologic unit	Material	Depth below land surface (feet)
	Drift (Probably includes Niobrara Marl and/or some Carlile Shale)	0-200
Kcc	Sandstone	200-230
Kc,Kg,Kgs	Shale and pyrite	230-447
Kd(?)	Sandstone	447-497

Well 105-60-21abb
Drilled 1890, G — Elevation 1,302 feet

Qwl	Clay, yellow	0- 20
	Clay, blue	20- 42
	Sand	42- 57
Qwe(?)	Clay, blue	57-140
Kn,Kc	Shale, blue; pyrite (May include Niobrara Marl and Carlile Shale)	140-240
Kcc	Sandstone	240-242

Remarks: Flowed 60 gpm

Well 105-60-21bba
Drilled 1962, G — Elevation 1,298 feet

Qu	Soil; yellow clay	0- 35
	Clay, dark	35-131
Kn	Chalk, white; some dark chalk	131-140

Remarks: Water level 74 feet below land surface.

Well 105-60-23aadd$_3$
Drilled 1960, G — Elevation 1,230 feet

Qal	Clay	0- 20
	Clay, gravelly	20- 44
Kc	Clay, hard, or shale	44- 64
Kcc	Sand (stopped on rock)	64- 67

Remarks: Water level 17 feet below land surface.

SANBORN COUNTY

Well 105-60-23aadd$_4$
Drilled 1961, G — Elevation 1,230 feet

Geologic unit	Material	Depth below land surface (feet)
Qal	Soil, black	0- 5
	Gravel and small rock	5- 8
	Clay, gravelly, hard	8- 44
Kcc(?)	Clay, sandy, hard	44- 76
Kc	Clay, dark, soft	76-107
	Clay, gummy	107-170
	Clay, gummy, gray	170-190
	Clay, dark	190-246
	Sandstone	246-248
	Shale	248-254
	Sand	254-255
	Clay, gummy	255-307
	Clay, hard	307-311
Kg	Sand and water, hard shell at 318' (flowed 7 gpm)	311-318
Kgs	Shale	318-319

Well 105-60-23daaa
Drilled 1960, G — Elevation 1,211 feet

Qal(?)	Unreported	0- 50
Kcc	Sandstone, hard	50- 90
Kc	Shale	90-255
	Sand, hard	255-270
	Shale	270-290

Remarks: Flowed 18 gpm

Well 105-60-24dcdd
Drilled 1959, G — Elevation a1,292 feet

	Unreported	0-120
Kn	Chalk; lost circulation at 130 feet	120-134
Kc	Shale	134-140
Kcc	Sandstone, hard	140-180
Kc	Shale	180-354
Kg	Limestone, very hard	354-370(?)
Kgs	Shale	370(?)-380
Kd(?)	Sand	380-432

Remarks: Flowed 25 gpm

SANBORN COUNTY

Test hole 105-60-25cccd$_1$
Drilled 1960, D — Elevation 1,211 feet

Geologic unit	Material	Depth below land surface (feet)
Qal	Soil	0- 1
	Clay, dark-gray; wet below 7 feet	1- 17
	Silt & sand, very fine, very wet, very soft	17- 35
	Sand & silt, slightly coarser, slightly harder drilling	35- 37
	Gravel	37- 39
Kc	Clay, light-gray to blue-gray, hit sandstone at 68.5 feet	39- 68.5

Remarks: No cuttings came to surface from 17-68 feet. Water level 4.7 feet below land surface.

Test hole 105-60-25cdcd
Drilled 1960, D — Elevation 1,290 feet

Qu	Soil	0- 3
	Till	3- 32
	Silt, wet, sandy; much clay	32- 37
	Till, medium-gray	37-114
	Till, very silty; some sand	114-117

Test hole 105-60-26cccc
Drilled 1960, D — Elevation 1,303 feet

Qu	Soil	0- 2
	Till; unoxidized, below about 35 feet	2- 54
	Till, light-gray; very sandy; less sandy below 70 feet	54-117

Remarks: Dry hole

Test hole 105-60-26ddcc
Drilled 1960, D — Elevation 1,225 feet

Qal	Soil	0- 2
	Alluvium (?); silt and fine sand; very easy drilling	2- 44
	Clay, light-gray; containing well-rounded pebbles	44- 51
Kcc	Rock (sandstone bands?)	51- 54

SANBORN COUNTY

Well 105-60-28aaca
Drilled b 1904, G — Elevation 1,304 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Till, yellow and blue	0-160
Kcc	Sandstone, water	160-190
Kc	Shale (?), blue, and grit	190-220
Kc,Kg	Shale (?), blue, without grit. Flow from 360 to 361 feet	220-361
Kgs	Shale (?), blue	361-441
Kd	Sandstone; flow	441-442

Test hole 105-60-31aaaa$_2$
Drilled 1961, F — Elevation 1,303 feet

Qu	Topsoil	0- 1
	Clay, yellow to brown, sandy, moist, calcareous	1- 15

Test hole 105-60-31aaaa$_1$
Drilled 1961, D — Elevation 1,302 feet

Qu	Till, yellow-brown, sandy clay, oxidized	0- 10
	Till, brown, sandy clay, partially oxidized	10- 30
	Till, gray, sandy clay, unoxidized, saturated	30- 40
	Till, gray, very sandy (fine) clay, unoxidized	40- 50
	Till, gray, sandy clay, unoxidized	50-140
Kn	Shale, light- to dark-gray	140-152

SANBORN COUNTY

Test hole 105-60-33aaaa
Drilled 1961, E — Elevation 1,304 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil	0- 1
	Till, yellow-brown, oxidized	1- 29
	Till, unoxidized; shale pebbles	29- 40
	Till, unoxidized; sand streaks	40-133
	Till, or clay; sand streaks	133-137
Kcc	Sandstone, dark yellowish-orange (10YR6/6) to moderate yellowish-brown (10YR5/4); quartzose cemented, somewhat calcareous; very fine to medium, subangular to rounded; abundant cavings include rounded shale pebbles, coal fragments and assorted rock fragments from fine to very coarse sand size	137-140

Well 105-60-35bbb
Drilled 1950, G — Elevation 1,305 feet

	Unreported	0-126
Kcc	Sandstone, hard	126-134

Well 105-61-8dcc(c)
Drilled 1962, G — Elevation 1,293 feet

Qu	Clay, dark	0-107
	Clay, sandy, solid	107-115
	Clay, soft	115-133
Kn	Chalk, white. Lost circulation below 143 feet	133-152

Remarks: Water level 26 feet below land surface. Water level drops to 65 feet below surface when pumping 6 gpm.

SANBORN COUNTY

Well 105-61-12abcb
Drilled 1959, G — Elevation 1,300 feet

Geologic unit	Material	Depth below land surface (feet)
	Unreported	0-140
Kn	Chalk. Lost circulation at 150 feet	140-190
Kcc	Sand	190-230
Kc	Shale	230-610
	Shale; contains streaks of sand	610-620
	Shale	620-632
Kd	Sand	632-637
	Shale	637-644
	Sand	644-650
	Shale	650-660
	Sand	660-663
	Shale	663-665
	Sand	665-670
	Shale	670-677
	Sand	677-688
	Shale	688-698
	Sand	698-700
	Shale	700-718
	Sand	718-735

Remarks: Flowed 10 gpm

Well 105-61-15cccd
Drilled 1960, G — Elevation 1,311 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil, sandy, rock at 10 feet	0- 10
	Clay, yellow, rock at 30 feet	10- 30
	Clay, dark	30-135
	Gravel	135-137
Kn	Chalk	137-138
Kcc	Sand	138-178
Kc	Clay, gummy	178-232
	Shale	232-317
Kg(?)	Sandstone	317-320
	Layers of hard shell	320-335
Kgs	Shale, gummy clay in spots	335-377
	Sandstone; $\frac{1}{2}$ gpm flow	377-378
	Shale	378-443
	Shale, hard shells	443-505
Kd	Sandstone; 2.4 gpm flow	505-508
	Shale	508-553
	Sandstone	553-554
	Shale	554-650
	Sandstone	650-672

Remarks: Flowed 20 gpm

SANBORN COUNTY

Well 105-61-15cdab
Drilled 1959, G — Elevation 1,300 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay, yellow	0- 30
	Clay, dark	30-130
	Clay, gravelly	130-140
Kn	Chalkrock	140-157

Remarks: Water level 42 feet below land surface; capacity at least 2 gpm.

Well 105-61-15cdbb
Drilled 1959, G — Elevation 1,306 feet

Qu	Clay	0-133
	Gravel	133-134
	Shale; (till?)	134-138
	Gravel	138-145
Kn	Chalkrock	145-157

Remarks: Water level 34 feet below land surface; capacity at least 2 gpm.

Well 105-61-15cdca
Drilled 1962, G — Elevation 1,307 feet

Qu	Clay, yellow	0- 30
	Clay, gray, soft	30- 92
	Gravel (?), hard	92- 96
	Clay, soft with hard streaks	96-134
	Clay, harder	134-144
Kn	Clay, light and dark mixed; sand streaks below 151 feet. Lost circulation below 152 feet	144-158

Remarks: Water level 35 feet below land surface; driller states that water is from porous zones in chalk at 152 feet.

Well 105-61-15cddb
Drilled 1958, G — Elevation 1,305 feet

Qu	Clay, yellow	0- 20
	Clay, dark	20-151
Kn(?)	Shale or clay	151-158
Kcc(?)	Gravel; (sandstone?) very little water	158-159
	Sand	159-181

Remarks: Water level 35 feet below land surface; bottom of sand at 181 feet.

SANBORN COUNTY

Well 105-61-15cddd
Drilled 1958, G — Elevation a1,305 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay, yellow	0- 40
	Shale, sandy; (till?)	40- 44
	Shale or clay, sandy, (till?)	44- 50
	Clay, sticky	50- 82
	Shale; (till?)	82-145
Kn	Chalkrock; sandy shale	145-156

Remarks: Water level 37 feet below land surface.

Well 105-61-15c
Drilled 1961, G — Elevation a1,305 feet

Qu	Clay, yellow	0- 30
	Clay, dark	30- 60
	Clay, dark, gravelly; sand streak at 80 feet	60- 82
	Clay, gravelly	82-100
	Clay	100-134
	Clay, gravelly	134-139
	Clay	139-175
Kn(?)	Sand; clay streaks	175-198
Kcc(?)	Sand, coarse	198-202

Remarks: Water level 39 feet below land surface.

Well 105-61-15dbcd
Drilled 1959, G — Elevation 1,294 feet

Qu	Clay	0-139
	Sand	139-143
Kn	Chalkrock	143-157

Remarks: Water level 35 feet below land surface; capacity at least 3 gpm.

SANBORN COUNTY

Well 105-61-15dc
Drilled 1963, G — Elevation 1,290 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay, yellow	0- 23
	Clay, dark; rock at 94 feet	23-145
Kn	Chalk	145-160
	Sand, fine; shale streaks	160-210
	Shale, gummy	210-275
	Shale; rock from 335 to 342 feet (Greenhorn Limestone from 335 to 342 feet?)	275-408
	Sandstone; flow	408-411
	Shale	411-424
	Sandstone	424-428
	Shale and hard shells	428-520
	Sandstone	520-524
	Shale	524-572
Kd	Sand	572-592
	Shale	592-595

Remarks: Sand caved in bottom 12 feet of hole; had to be cleaned out before casing could be set. Flowed 8 gpm.

Well 105-61-16dada
Drilled 1959, G — Elevation 1,307 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Topsoil, sandy	0- 2
	Clay	2- 44
	Gravel	44- 45
	Clay	45-147
Kn	Chalkrock	147-163

Remarks: Water level 41 feet below land surface.

SANBORN COUNTY

Test hole 105-61-17dddd$_1$
Drilled 1954, F — Elevation 1,301.85 feet

Geologic unit	Material	Depth below land surface (feet)
Qwl	Sand, fine; silty, clayey, oxidized; water-laid	0- 2
	Till, silty clay, oxidized; very sandy and gravelly from 20 to 22 feet	2- 25
	Till, silty clay, unoxidized	25- 33
	Sand, fine, and silt; water-laid	33- 37
	Till, silty clay, unoxidized	37- 46
	Sand, fine; some silt; water-laid	46- 50
	Till, silty clay, unoxidized	50- 66
	Till, very sandy, unoxidized	66- 70
Qwe	Sand, fine to medium; some silt; water-laid	70- 75
	Sand, fine to coarse; water-laid	75- 80
	Sand, fine to coarse; some gravel; some thin beds of silt and clay; water-laid	80- 85
	Sand, fine to medium, well sorted; water-laid	85- 95
	Sand, fine to medium; some silt and clay; water-laid	95-105
	Sand and gravel	105-110
	Till, silty clay, unoxidized	110-120
	Sand, fine to coarse; water-laid	120-122
	Sand, fine to coarse; some silt and clay; many fine gravel-sized shale fragments; water-laid	122-125
	Till, silty clay, unoxidized	125-133
Kn(?)	Clay, light-gray, soft. (Identified by driller as Carlile Shale)	133-135

Remarks: Water level 10.7 feet below land surface 6/11/55, and 15.5 feet below surface 1/13/59.

SANBORN COUNTY

Test hole 105-61-20bbbb1
Drilled 1954, F — Elevation 1,313.5 feet

Geologic unit	Material	Depth below land surface (feet)
Qwl	Silt and sand, water-laid, oxidized.....	0- 2
	Till, clayey silt, oxidized; sandy and partly water-laid from 26 to 30 feet, partly unoxidized from 23 to 26 feet...	2- 30
	Silt, clay, and some fine sand unoxidized; water-laid.....	30- 34
	Till, silty clay, unoxidized; partly water-laid silt, clay and sand from 50 to 56 and 80 to 87 feet.....	34- 87
Qwe	Sand, fine to coarse; water-laid with some silt and gravel; scattered thin zones of silt and clay; poor core recovery ...	87-113
	Till, silty clay; partly water-laid sand from 115-117 feet	113-120
	Silt, water-laid, and fine sand with thin interbedded till layers	120-125
	Till, silty clay; poor core recovery	125-137
Kn	Chalkstone, gray.....	137-143

Well 105-61-20dab
Drilled 1950, G — Elevation a1,300 feet

	Unreported.....	0-572
	Sandstone.....	572-592

Test hole 105-61-21cccc
Drilled 1960, D — Elevation 1,305 feet

Qu	Till, oxidized.....	0- 18
	Till, unoxidized.....	18- 60

SANBORN COUNTY

Test hole 105-61-25dddd
Drilled 1960, D — Elevation 1,302 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil	0- 1
	Sand, fine; some silt	1- 5
	Silt and fine to coarse sand, wet	5- 15
	Silt, clayey and fine gray sand	15- 30
	Till, blue to gray; some fine sand	30- 60
	Till, unoxidized	60- 65

Remarks: Rocks at 35 and 45 feet.

Test hole 105-61-26aaaa
Drilled 1960, D — Elevation 1,300 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil	0- 2
	Till	2- 32
	Till, silty, sandy, unoxidized, wet; very easy drilling	32- 42
	Till, silty and sandy, unoxidized	42- 50
	Sand, fine, and silt	50- 57
	Till, somewhat silty and sandy	57- 87

Test hole 105-61-26bccc
Drilled 1961, F — Elevation 1,309 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Silt and clay, brown, moist, stiff	0- 15.1
	Clay, brown, moist, stiff (till)	15.1- 20.5
	Clay, gray, moist, stiff (till)	20.5- 25

Test hole 105-61-26dddd
Drilled 1960, D — Elevation 1,303 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil	0- 1
	Till	1- 51
	Sand, silt, and clay	51- 53
	Silt to medium sand; occasionally somewhat clayey; saturated	53-113
	Till, unoxidized	113-117

SANBORN COUNTY

Well 105-61-27dddd
Drilled 1961, G — Elevation 1,307 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Sand	0- 2
	Clay, yellow	2- 30
	Clay, dark	30- 36
	Sand	36- 38
	Clay, dark; some rocks	38- 97
	Sand, coarse	97-111
	Clay	111-120

Remarks: Pumped 1½ gpm; water level 26 feet below land surface.

Well 105-61-29aadc
Drilled b1904, G — Elevation 1,302 feet

Geologic unit	Material	Depth below land surface (feet)
	Soft rock and shale	0-409
	Sandstone, slight flow of soft water	409-418
	Very hard rock; pyrite	418-500
Kd	Sandstone (?); flow at 512 feet	500-512
	Caprock	512-670
	Sandstone, soft; large flow at 683 feet	670-683

Test hole 105-61-29addd
Drilled 1961, F — Elevation 1,302 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Sand, medium to fine, clayey, dark-brown, slightly plastic	0- 4
	Till, silty clay, light-brown with gray and yellow mottling; little sand	4- 8
	Till, sandy clay, brown, moist	8- 15

Remarks: Located in small slough.

Test hole 105-61-29bccc
Drilled 1961, F — Elevation 1,313.8 feet

Geologic unit	Material	Depth below land surface (feet)
Qal(?)	Topsoil, sandy	0- 1.5
Qul	Clay, brown, with sand lenses, stiff, moist (till)	1.5- 18
	Clay, gray, sand lenses, moist (till)	18- 30

Remarks: Located in a slough.

SANBORN COUNTY

Test hole 105-61-30adcd
Drilled 1962, F — Elevation 1,281 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Sand, fine, brown	0- 5
	Till, brown	5- 12
	Sand, coarse, brown; clay seams	12- 18
	Till, gray	18- 30

Well 105-62-7bbda
Drilled b1909, G — Elevation 1,336 feet

Qu	Drift	0-150
Kn	Chalk	150-160
Kcc	Sandstone grading downward into shale	160-167
Kc	Shale	167-297
	Sandstone	297-306
	Shale	306-379
Kg(?)	Sandstone, flow (?)	379

Well 105-62-8aaca
Drilled 1963, G — Elevation 1,299 feet

Qu	Clay	0-114
Kn	Chalk, white	114-130
	Chalk, dark, or shale; water	130-138
Kc	Shale; sand streaks	138-141
Kcc	Sandstone; sand	141-156
	Shale; sandstone streaks	156-170
Kc	Shale, gummy	170-190

Remarks: Water level 22 feet below land surface.

Test hole 105-62-8cb
Drilled 1959, A — Elevation 1,300±10 feet

Qu	Clay	0- 4
	Sand, very fine	4- 9
	Sand, very fine	9- 14
	Sand, fine; water	14- 19
	Sand, very fine, clean	19- 54

Remarks: Water level 5 feet below land surface.

SANBORN COUNTY

Well 105-62-10cdcc$_1$
Drilled, 1956, G — Elevation 1,304 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay	0-100
	Gravel	100-109
Kn	Chalkrock	109-126
Kcc	Sand or soft sand rock	126-250
	Shale, blue	250-385
	Shale	385-416
Kg(?)	Sandstone, flow 1/2 gpm	416-417
Kgs	Shale	417-424
	Sandstone, flow 1/2 gpm	424-425
	Shale	425-625
Kd	Sand (1 gpm flow)	625-636
	Sand rock (12 gpm flow)	636-657

Well 105-62-13cac$_1$
Drilled 1959, G — Elevation 1,275 feet

Qu	Drift	0- 80
Kn	Chalk	80-100
Kc	Shale, black, hard	100-190
Kcc	Sandstone; some streaks of shale between 220 and 260 feet	190-260
Kc	Shale	260-320
	Unreported	320-340
Kg	Shale; limestone	340-360
Kgs	Shale	360-390
	Sandstone	390-420
	Sandstone and shale, interlayered	420-460
	Shale; sandstone streaks	460-500
	Shale	500-540
	Shale; sandstone streaks	540-580
Kd	Sandstone, hard, clean	580-620
	Shale	620-650
	Sandstone	650-656
	Shale	656-660
	Sandstone	660-668
	Shale, sticky	668-700
	Shale, hard; sandstone streaks	700-720
	Shale, hard	720-760
	Shale; sandstone streaks	760-780
	Sandstone	780-820

SANBORN COUNTY

Well 105-62-14bbb
Drilled 1955, G

Elevation 1,296 feet

Geologic unit	Material	Depth below land surface (feet)
	Unreported	0-160
Kcc	Sand	160-200
Kc	Shale	200-220
	Sand	220-275
	Shale, hard	275-438
Kg(?)	Sand	438-440
	Shale; sand streaks	440-480
Kgs	Shale, sandy; hardshells	480-490
	Shale; sand streaks	490-500
	Shale	500-510
	Shale, sandy; hardshells	510-520
	Shale	520-528
	Sand	528-533
	Shale	533-540
	Sand	540-550
	Sand; some shale	550-560
	Shale, sandy	560-580

SANBORN COUNTY

Well 105-62-14dac
Drilled 1963, G

Elevation 1,290 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil, black	0- 2
	Clay, yellow	2- 20
	Clay, dark	20- 93
Kn	Chalk, white. Lost circulation about 110 feet	93-120
	Chalk, dark, or shale	120-200
	Sandrock, soft; or fine sand in shale	200-257
	Shale; rock at 273 feet (12 inches thick) and 367 feet (30 inches thick. Washed out hole at 365 feet small, hard flow	257-416
Kg(?)	Sandstone, soft, and sand	416-424
	Shale	424-434
	Sandstone, soft	434-439
	Shale; rock 446, 454, and 460 feet (all about 4 inches thick), and 476 and 478 feet (both thin). Washed out hole at 470 feet; total flow 3 gpm	439-480
	Sandstone; shale streaks	480-490
	Shale; sand streaks	490-536
	Sand	536-557
	Shale; sand streaks; 7 gpm flow	557-593
	Sand	593-597
	Shale; sand streaks	597-623
	Sand and sandstone	623-630
	Shale; sand streaks	630-666
Kd	Sandstone, soft	666-674
	Shale	674-680
	Sandstone, soft	680-705
	Shale	705-707
	Sand; hard streaks; 10 gpm flow	707-734
	Sandstone	734-738
	Shale	738-745
	Sand	745-751
	Shale	751-755
	Sand	755-758
	Shale	758-773
	Sand	773-802
	Shale	802-804

Remarks: Flowed 75 gpm.

SANBORN COUNTY

Well 105-62-15cbbb
Drilled 1963, G — Elevation 1,299 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay, yellow	0- 2
	Sand	2- 10
	Clay, yellow	10- 22
	Clay, dark, soft	22- 97
	Clay, gravelly	97-102
Kn	Chalk, white no water	102-117
	Shale; sandy streaks; muddy water	117-120
Kcc	Sandstone and sand (coarse)	120-135
Kc	Shale	135-165

Remarks: Water level 26 feet below land surface; 13 feet of drawdown while pumping 6 gpm.

Test hole 105-62-22cbbb
Drilled 1961, F — Elevation 1,310.4 feet

Qu	Topsoil	0- 2
	Till, clay, brown; unoxidized below 20 feet, moist, stiff	2- 26

Test hole 105-62-23ccbb
Drilled 1961, F — Elevation 1,309 feet

Qu	Topsoil	0- 1
	Silt, tan; carbonate nodules, occasional	1- 6
	Till, sandy clay, light-brown	6- 15

Well 105-62-23dadd
Drilled 1961, G — Elevation 1,298 feet

Qu	Clay, yellow; some loose rocks	0- 41
	Clay, dark	41-103
Kn	Chalk	103-130
Kc	Clay; sand streaks	130-142

SANBORN COUNTY

Well 105-62-25dccc
Drilled , G — Elevation 1,291 feet

Geologic unit	Material	Depth below land surface (feet)
	Unreported	0-350
Kg	Sand and shale streaks	350-410
Kgs	Shale	410-425
	Shale, sandy	425-430
	Shale	430-450
	Shale; contains sand streaks and many hard shells	450-500
	Shale; sand at bottom	500-520
	Sand	520-535
	Shale; contains some shells	535-600
	Shale; sand streaks and some "hard rock"	600-620
	Shale, soft; sand at bottom	620-640
	Sand and shale streaks	640-650
	Shale	650-660
Kd(?)	Sand	660-666
	Shale; sand streaks	666-680
	Sand and shale streaks	680-730
	Sand	730-746
	Shale, hard, sand streaks	746-775
	Sand	775-805

Well 106-59-4dacc
Drilled 1960, G — Elevation 1,307.18 feet

Qu	Clay; rock at 20 feet	0- 20
	Clay, soft, gummy	20-101
	Clay, sandy	101-105
	Sand	105-110
	Clay	110-130
Kn	Chalk	130-158

Remarks: Flowed 1 to 2 gpm.

SANBORN COUNTY

Well 106-59-5ccbd$_2$
Drilled b1904, G — Elevation 1,320 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Sand	0- 35?
	Drift	35?- 75
	Sand	75-135
Kn	Chalk	135-136
	Shale	136-156

Well 106-59-6bbc
Drilled 1956, G — Elevation 1,314 feet

Qu	Clay	0- 50
	Shale (till?)	50-114
Kn	Chalk	114-130

Well 106-59-9baaa
Drilled 1962, G — Elevation 1,315 feet

Qu	Clay, yellow	0- 23
	Clay, dark	23-100
	Sand	100-102
	Clay	102-108
	Sand	108-109
	Clay	109-113
	Sand	113-115
	Clay	115-119
	Sandstone, hard	119-121
Kn	Clay, light, chalk-like	121-142
	Chalk, white	142-195
Kc	Clay, gummy	195-241
Kcc	Sandstone; very hard from 241.5 to 253 and from 263 to 264 feet; hard and soft layers from 245 to 253 feet	241-269

Remarks: Water level 17 feet below land surface; capacity at least 7 gpm.

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Well 106-59-9baad
Drilled 1960, G — Elevation 1,315 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil, sandy, and clay; rock at 24 feet	0- 24
	Clay, soft, dark	24- 86
	Clay, hard	86-132
	Sand, or sandy clay	132-148
	Sand	148-157
Kn	Chalk	157-185

Remarks: Water level 11 feet below land surface.

Well 106-59-9bcbc
Drilled 1958, G — Elevation 1,315 feet

Qu	Clay	0-107
	Sand	107-134
Kp	Shale, sandy, mixed with chalk	134-144
Kn	Chalkrock	144-220
Kc	Shale	220-240
Kcc(?)	Sandrock	240-242
	Shale	242-249
	Sandrock and sand	249-267

Remarks: Water level 12 feet below land surface; capacity at least 8 gpm.

Well 106-59-11aaab
Drilled 1962, G — Elevation 1,315 feet

Qu	Clay, dark	0-102
Kn	Chalk, dark	102-126

Remarks: Flowed 45 gpm, $1\frac{1}{2}$ feet above land surface; 30 gpm, 3 feet above surface.

SANBORN COUNTY

Well 106-59-13cba1
Drilled 1959, G — Elevation 1,325 feet

Geologic unit	Material	Depth below land surface (feet)
	Unreported	0-120
Kn	Chalk. Lost circulation at 132 feet	120-140
Kc	Shale	140-220
Kcc	Sand	220-280
Kc,Kg, Kgs	Shale, sticky	280-400
	Shale; sandy from 520 to 530 feet; sand streaks from 530 to 540 feet	400-540
	Sand; shale streaks	540-550
	Shale	550-580
Kd	Sand, good	580-597
	Shale	597-606
	Sand, good	606-647

Remarks: Flowed 22 gpm.

Test hole 106-59-13dbdd
Drilled 1961, G — Elevation 1,320 feet

Qu	Soil	0- 2
	Clay, yellow	2- 21
	Clay, blue; sand streaks	21- 62
	Clay, blue	62- 66
	Sand, blue, fine	66- 68
	Clay, blue	68- 72
	Sand, fine, soft	72- 75
	Clay, blue	75- 81
	Sand, blue, fine	81- 87
	Clay, blue	87- 90
	Sand, medium to coarse, and gravel	90-100
	Clay, blue	100-103
	Sand and gravel; boulders	103-110
Kn(?)	Clay	110-112
	Clay and sand streaks	112-117
	Clay	117-122
	Clay and fine sand streaks	122-132
	Shale	132-137

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Test hole 106-59-13ddbc
Drilled 1961, G — Elevation a1,320 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil	0- 2
	Clay, yellow	2- 21
	Clay, sandy, blue; sand streaks	21- 47
	Clay, blue	47- 50
	Sand, fine, blue	50- 53
	Clay, blue	53- 62
	Clay, blue; sand streaks	62- 75
	Sand and gravel	75- 77
	Clay	77- 80
	Sand and gravel	80- 82
	Clay, blue	82- 89
	Sand, medium to coarse, and gravel	89-105
Kn(?)	Clay	105-109
	Sand, fine	109-112
	Clay	112-122

Test hole 106-59-13dddb
Drilled 1961, G — Elevation a1,320 feet

Qu	Soil	0- 2
	Clay	2- 21
	Clay, sandy	21- 62
	Clay, sandy	62- 77
	Sand, fine	77- 86
	Clay, sandy, blue	86- 89
	Sand	89- 90
	Clay, sandy, blue	90- 92
	Sand and gravel	92- 96
	Clay, blue	96-100
	Sand and gravel	100-112
Kn(?)	Shale, blue	112-122

Well 106-59-15cacc
Drilled 1959, G — Elevation 1,305 feet

Qu	Clay	0- 85
	Sand (rock 110 feet)	85-110

Remarks: Flowed 4 gpm, 1 foot above land surface; 1 gpm, $2\frac{1}{2}$ feet above surface.

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Well 106-59-18aaab
Drilled b1903, G — Elevation 1,312 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Drift	0-130
Kn	Chalkstone	130-150
Kc	Shale	150-200
Kcc	Sandstone	200-262
Kc,Kg, Kgs	Shale	262-525
	Sandy stratum, flow	525-527
	Shale	527-626
Kd	Sandstone, main flow	626-632
	Shale	632-699
	Sandstone	699-701

Well 106-59-18aaad2
Drilled 1960,G — Elevation 1,312 feet

Qu	Clay, yellow	0- 20
	Unreported	20- 22
	Clay, gravelly	22- 35
	Clay, dark	35-130
Kp	Shale or clay, sandy	130-144
Kn	Chalkrock; hard water	144-205
Kc	Clay	205-240
Kcc	Sand	240-248
	Sand and sandrock	248-260

Remarks: Water level 35 feet below land surface; soft water.

Well 106-59-18ccba
Drilled 1959,G — Elevation 1,300 feet

Qu	Drift	0- 95
Kn	Chalk. Lost circulation at 130 feet	95-180
Kcc(?)	Sand; rock at 225 and 228 feet	180-270
Kc	Shale	270-360
	Shale, sticky	360-613
	Sand	613-618
	Shale; sand streaks between 628 and 640 feet	618-640
Kd(?)	Sand, good	640-648
	Shale	648-654
	Sand	654-660

Remarks: Flowed 5 gpm.

SANBORN COUNTY

Well 106-59-18c
Drilled — Elevation a1,290 feet

Geologic unit	Material	Depth below land surface (feet)
	Glacial deposits	0-130
Kn	Chalk	130-140
	Shale	140-200
Kcc	Sandstone	200-262
Kc,Kg,Kgs	Shale; at 525 feet sandstone with first flow	262-525
	Shale	525-626
Kd	Sandstone with second flow	626-630
	Shale	630-699
	Sandstone	699-701

Well 106-59-25bab1
Drilled 1959, G — Elevation a1,320 feet

	Unreported	0-160
Kn	Chalk	160-190
Kc	Shale	190-350
Kg	Limestone, hard from 350-355 feet	350-370
Kgs	Shale	370-410
	Shale; sand streaks	410-420
	Shale	420-448
	Sand	448-450
	Shale	450-485
	Sand	485-520

Well 106-59-26aabb
Drilled 1887, G — Elevation 1,319 feet

Qu	Soil	0- 2
	Till	2- 97
	"Hard Pan"	97- 99
	Sand and gravel	99-100

SANBORN COUNTY

Observation well 106-59-26aadd
Drilled 1963, C — Elevation a1,310 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Topsoil	0- 2
	Clay, yellow	2- 35
	Clay, gray	35- 70
	Gravel, coarse	70- 81

Remarks: Average static water level 9.2 feet below land surface; S. Dak. Water Res. Comm., 1966, Observation Well Report, p. 21.

Well 106-59-30dcb
Drilled 1963, G — Elevation 1,290 feet

Qu	Clay, yellow	0- 20
	Clay, dark; some gummy clay	20-101
Kn	Chalk, white	101-125
Kc	Shale	125-135
Kcc	Sandstone; sand	135-205
	Shale, gummy; sandstone streaks	205-452.5
Kg	Sand	452.5-455
Kgs	Shale; sandstone streaks	455-499
	Sandstone or sand, soft	499-505
	Sand	505-525

Remarks: Flowed 7 gpm; sand continues below 525 feet.

Well 106-59-31ababb
Drilled 1959, G — Elevation 1,292 feet

Qu	Drift	0-100
Kn	Chalk	100-150
Kcc	Sand, hard	150-200
Kc	Shale, sticky	200-420
	Shale	420-476
	Sand; rock at 480 feet	476-480
Kgs	Shale	480-520
Kd	Sand, good	520-547

Remarks: Flowed 9 gpm.

SANBORN COUNTY

Well 106-59-31dadd
Drilled 1958, G — Elevation 1,298 feet

Geologic unit	Material	Depth below land surface (feet)
	Unreported	0-110
Kn	Chalk	110-135
Kcc	Sand	135-195
Kc	Shale, sticky	195-300
	Shale	300-350
	Unreported	350-360
	Shale; sand streaks	360-380
	Unreported	380-430
Kg	Shale; sand streaks	430-440
Kgs	Unreported	440-460
	Shale; sand streaks	460-470
	Sand; shale streaks	470-480
	Shale; sand streaks	480-490
Kd(?)	Sand	490-515

Well 106-59-35aaba
Drilled 1959, G — Elevation 1,328 feet

Qu & Kn	Unreported	0-160
Kcc(?)	Sandstone, hard	160-220
Kc	Shale	220-340
Kg	Sand, hard; very hard from 369 to 370 feet	340-370
Kgs	Shale	370-420
	Sand	420-440
	Shale; sand streaks	440-500
Kd	Sand, hard, good	500-525

Remarks: Flowed 4 gpm

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Well 106-60-1aaa
Drilled 1955, G — Elevation 1,312 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Drift	0-130
Kn,Kc	Chalk and shale	130-230
Kcc (?)	Sand, some shale	230-310
Kc	Shale, brittle	310-410
	Shale, sticky	410-450
	Sand	450-460
	Shale, sticky	460-570
	Shale; sand streaks	570-600
	Shale; sand streaks	600-630
	Sand	630-640
	Shale, sticky	640-670
	Sand; 5 gpm flow	670-754
	Shale; sand streaks	754-780
	Sandstone	780-833

Remarks: Flowed 28 gpm.

Test hole 106-60-1aaab
Drilled 1961, B — Elevation 1,314.77 feet

Qu	Sand, clayey	0- 5
	Till, silty, clay, sandy; cobbles and boulders	5- 26
	Till, silty, clay, gray, sandy	26- 32
	Till, silty, clay, gray, very sandy	32- 70
	Sand, coarse and fine gravel	70- 84
	Sand, medium to coarse	84- 91
	Gravel, fine to medium	91-102
	Clay, very sandy, gray	102-126
Kn	Clay, light-gray (N7), silty, sandy, strongly calcareous, bentonitic, foraminiferal; some noncalcareous olive-black (5Y2/1) shale, organic remains; some sandy silty bentonite.	126-140

SANBORN COUNTY

Well 106-60-1dcdd2
Drilled 1959, G — Elevation 1,315 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay (Rock at 123 feet; blasted)	0-123
Kn	Sand; some shale.....	123-174
	Chalkrock	174-190

Remarks: Water level 14 feet below land surface; capacity at least 3 gpm.

Well 106-60-4dddb
Drilled 1955, G — Elevation 1,293 feet

Qu	Clay.....	0-134
Kn	Chalkrock	134-136
	Clay.....	136-140
	Chalkrock	140-171

Remarks: Water level 65 feet below land surface.

Well 106-60-7cacc
Drilled 1893, G — Elevation 1,230 feet

Qu	Till, oxidized.....	0- 30
	Till, unoxidized.....	30- 80
	Sand and gravel	80-160

Well 106-60-7ccab
Drilled 1955, G — Elevation 1,226 feet

Qu	Clay.....	0-104
Kn	Chalkrock	104-114

Remarks: Flowed about 2 to 3 gpm.

SANBORN COUNTY

Well 106-60-9bbac
Drilled 1961, G — Elevation 1,290 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay, yellow; rocks at 14 feet	0- 30
	Clay, dark, soft	30- 80
	Clay, hard	80-105
	Clay, soft	105-122
Kn	Chalk	122-167

Remarks: Water level 65 feet below land surface, 9/18/61; capacity 6 gpm.

Well 106-60-9ccdd
Drilled 1961, G — Elevation 1,300 feet

Qu	Clay, yellow	0- 40
	Clay, dark; rock at 50 feet	40-127
Kn	Chalk	127-188

Remarks: Water level 65 feet below land surface, 9/22/61; capacity 6 gpm.

Well 106-60-13aaa
Drilled 1959, G — Elevation 1,295 feet

	Unreported	0-110
Kn	Chalk. Lost circulation at 135 feet	110-160
Kc	Shale	160-210
Kcc	Sandstone, hard	210-250
Kc	Shale; some sandstone	250-260
	Shale, sticky	260-310
	Shale	310-437
Kg	Limestone; top 3 feet very hard	437-450
Kgs	Shale; sand streaks	450-662
	Sand	662-670
	Shale; sand streaks	670-680
	Shale	680-700
	Shale; sand streaks	700-720
Kd(?)	Sand; shale streaks	720-730
	Shale; sand streaks	730-746
	Sand	746-750
	Shale	750-760
	Sand	760-768
	Shale, hard	768-790
	Sandstone, hard	790-792
	Shale	792-800
	Sandstone, shale streaks from 818 to 840 feet	800-853

Remarks: Flowed 70 gpm.

SANBORN COUNTY

Well 106-60-13caab
Drilled 1958, G — Elevation 1,300 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay	0- 85
	Gravel	85- 87
	Clay	87- 97
	Sand, red, or sandrock	97-102
Kn	Shale, sandy; mixed with chalk; all chalk at bottom	102-124

Remarks: Flow at 25 gpm, 1 foot above land surface; artesian bend 5 feet above surface.

Well 106-60-13cddc
Drilled 1958, G — Elevation 1,300 feet

Qu	Clay	0- 81
	Gravel	81- 84
	Shale (till?)	84-122
Kn	Chalkrock	122-148

Remarks: Water level 9 feet below land surface; capacity at least 7 gpm.

Test hole 106-60-19ad
Drilled 1959, A — Elevation 1,220±10 feet

Qal	Alluvium	0- 2
	Sand, fine	2- 6
	Clay, brown	6- 11
	Sand; shells	11- 16
	Clay, gray	16- 19

Well 106-60-25baa
Drilled 1893, G — Elevation 1,260 feet

Qu	Clay, blue	0- 96
Kn	Chalk	96-125

SANBORN COUNTY

Well 106-60-25daad$_2$
Drilled 1893, G — Elevation 1,290 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil, black	0- 4
	Clay, yellow	4- 20
	Clay, blue	20- 60
	Sand and gravel; clay	60-100
Kn	Chalk; water	100-150

Well 106-60-26bcbb$_3$
Drilled b1904, G — Elevation 1,291 feet

Qu	Glacial till	0- 30
	Drift	30- 90
	Sand	90-135
Kn	Chalk; water	135-150

Test hole 106-60-31cccc
Drilled 1961, B — Elevation 1,297 feet

Qu	Till, sandy clay	0- 29
	Till, clay, gray; gravel streaks	29-135
Kn	Silt, sandy, light-gray (N7), and light olive-gray (5Y6/1); strongly calcareous; foraminifers	135-140

Test hole 106-60-32cccc$_1$
Drilled 1954, F — Elevation 1,285.3 feet

Qu	Soil, zone	0- 2
	Till, silty clay, oxidized	2- 17
	Till, silty clay, unoxidized	17- 88
	Sand, fine, and silt; some clay; waterlaid	88- 91
	Till, silty clay, unoxidized	91- 92
	Sand, fine, and silt; some clay; waterlaid	92- 95
	Till, silty clay, unoxidized	95-132
Kn	Clay, light-gray, soft	132-140

SANBORN COUNTY

Well 106-61-1bbbd
Drilled 1960, G — Elevation 1,265 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Topsoil, sandy	0- 10
	Clay, blasted rock at 19 feet	10- 90
	Clay, gravelly; 4-inch rock at 103 feet	90-103
	Unreported	103-104
Kn	Chalk, soft, loose	104-112
	Chalkrock, solid; slight flow at 115 feet	112-122

Well 106-61-1bdcb
Drilled 1955, G — Elevation 1,235 feet

Qal	Till (Alluvium)	0- 65
Kn	Chalkrock	65- 78

Remarks: Flowed about 3 gpm.

Well 106-61-2abdd
Drilled 1959, G — Elevation 1,283 feet

Qds	Sand	0- 15
Qwl	Clay	15-123
Kn	Chalkrock; mixed with shale; water at 130 feet	123-145

Remarks: Water level 38 feet below land surface.

Test hole 106-61-2dd
Drilled 1959, A — Elevation

Qds	Sand, very fine, clean	0- 4
	Sand, little coarser	4- 10
Qwl	Clay, blue	10- 14

Remarks: Water level 9 feet below land surface

Test hole 106-61-3cc
Drilled 1959, A — Elevation

Qds	Clay, sandy	0- 4
	Sand	4- 8
Qwl	Clay	8- 14

SANBORN COUNTY

Well 106-61-5cabb
Drilled 1952, G — Elevation 1,283 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay	0- 25
	Gravel	25- 30
	Clay	30-128
Kn,Kc	Chalkrock	128-270
Kc,Kg	Shale; mud flow at 453 feet, (Greenhorn Limestone probably at 453-458 feet)	270-458
Kgs	Shale	458-578
Kd(?)	Sandstone	578-586

Well 106-61-5cbaa
Drilled 1959, G — Elevation 1,283 feet

Qu	Topsoil	0- 2
	Sand and gravel	2- 17
	Clay	17-128
Kn	Chalkrock	128-175
Kc,Kg,Kgs	Shale	175-382
	Sand rock	382-387
	Shale; mud flow about 453 feet (Top of Greenhorn Limestone probably at 453 feet)	387-557
	Sand	557-573

Remarks: Flowed 12 gpm.

Test hole 106-61-6cc
Drilled 1959, A — Elevation 1,287 feet

	Clay, brown	0- 15
	Clay, gray; saturated	15- 19

Well 106-61-6dcc$_2$
Drilled 1959, G — Elevation 1,285 feet

Qu	Clay	0-135
Kn	Chalkrock	135-152

Remarks: Water level 5 feet below land surface.

SANBORN COUNTY

Test hole 106-61-8aa
Drilled 1959, A — Elevation 1,287 feet

Geologic unit	Material	Depth below land surface (feet)
Qal	Clay, sandy	0- 14
Qwl	Sand, clean, fine to medium	14- 24
	Sand; clay	24- 29
	Sand	29- 49

Remarks: Water level 11 feet below land surface.

Test hole 106-61-8bb
Drilled 1959, A — Elevation 1,284 feet

Qwl	Sand	0- 4
	Sand, fine, clean, water	4- 24
	Clay, blue	24- 29

Test hole 106-61-10aa
Drilled 1959, A — Elevation 1,286 feet

Qds	Sand	0- 1
Qwl	Till, sandy, brown	1- 17
	Till, blue	17- 19

Well 106-61-12acdc
Drilled 1963, G — Elevation 1,225 feet

Qal	Topsoil, yellow clay	0- 23
	Sand	23- 25
	Clay, sandy, dark	25- 50
	Clay, gummy	50- 71
Kn	Chalk	71- 97

Remarks: Flowed 12 gpm at land surface; 7 gpm, 2 feet above surface.

SANBORN COUNTY

Well 106-61-15cdd$_2$
Drilled 1958, G — Elevation 1,295 feet

Geologic unit	Material	Depth below land surface (feet)
	Unreported	0-140
Kn	Chalk	140-180
	Unreported	180-600
	Shale, contains streaks of sand	600-610
	Shale	610-660
Kd	Sand	660-680
	Shale	680-686
	Sand	686-700

Remarks: Flowed 5 gpm.

Well 106-61-16acbb
Drilled 1960, G — Elevation 1,293 feet

	Unreported	0-135
Kn	Chalk	135-190
Kc	Shale	190-220
Kcc	Sand	220-280
Kc	Shale	280-460
	Shale; sand streaks from 460 to 480 feet, and from 520 to 540 feet	460-560
	Sand, good	560-600
	Shale, hard, sticky	600-620
	Shale	620-640
	Shale, hard	640-660
	Shale; sand streaks from 660 to 700 feet	660-724
Kd	Sand	724-735
	Shale	735-742
	Sand	742-755
	Shale	755-763

Remarks: Flowed 5 gpm.

SANBORN COUNTY

Well 106-61-18bbcd
Drilled 1961, G — Elevation 1,294 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay; rock at 10 feet	0- 30
	Clay, gravelly, dark	30- 60
	Sand	60- 63
	Clay	63-126
Kn	Chalk; water struck at 155 feet	126-167

Remarks: Water level 3 feet below land surface; capacity at least 7 gpm.

Well 106-61-24daab$_1$
Drilled 1955, G — Elevation 1,278 feet

Qu & Kn	Unreported	0-180
Kcc	Sand	180-240
Kc	Shale, sticky	240-350
	Shale, hard	350-370
Kg	Sand, hard	370-373
	Shale	373-380
	Shale; sand streaks	380-390
Kgs	Shale; sticky	390-450
	Shale	450-505
	Sand	505-510
	Shale	510-570
	Shale; sticky	570-580
	Shale	580-620
	Shale; sand streaks	620-630
	Shale; sand at bottom	630-640
Kd	Sand	640-664

Well 106-61-25bccb?
Drilled b1904, G — Elevation 1,292 feet

Qu	Till	0- 10
	Drift	10-109
	Unreported	109-111
	Shale and clay	111-133
Kn	Chalk	133-143

SANBORN COUNTY

Well 106-61-28dbbb
Drilled 1962, G — Elevation 1,293 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay, yellow, rock at 10 and 15 feet	0- 20
	Clay, dark	20-100
	Clay, sandy, light; oxidized zone; rock at 106 feet	100-145
Kn	Chalk; lost circulation below 154 feet	145-173

Remarks: Water level 31 feet below land surface; pumped 4 gpm.

Well 106-61-31bbaa
Drilled 1958, G — Elevation 1,290 feet

Qu	Clay	0-100
	Clay, sandy	100-135
Kn	Chalkrock	135-148

Remarks: Water level 17 feet below land surface; capacity at least 6 gpm.

Test hole 106-61-31cccc
Drilled 1961, B — Elevation 1,312 feet

Qu	Clay, sandy buff; carbonate nodules	0- 13
	Clay, sandy, gray	13- 50
	Sand, coarse	50- 58
	Clay, very sandy and pebbly, gray	58-133
	Sand, coarse, and gravel	133-139
Kn	Clay, silty, sandy, light-gray (N7), foraminiferal, strongly calcareous ...	139-150

Well 106-61-35aacc
Drilled b1900, G — Elevation 1,300 feet

Qu	Drift	0-140
Kn	Chalkstone	140-170
Kcc	Sandstone; soft water	170-210
Kc	Shale; pyrite layers	210-340
Kg	Sandstone; flow at 350 feet	340-350

SANBORN COUNTY

Well 106-62-1bcac
Drilled 1959, G — Elevation 1,286 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay	0- 36
	Sand	36- 55
	Clay	55-129
Kn	Chalkrock	129-154

Remarks: Flowed 15 gpm, 1 foot above land surface, 6 gpm $2\frac{1}{2}$ feet above surface; artesian head 3 feet above surface.

Well 106-62-4cdcc$_2$
Drilled 1960, G — Elevation 1,300 feet

Qu	Clay, soft	0- 40
	Clay, dark	40-114
	Sand	114-122
	Clay, sandy	122-146
Kn	Chalkrock, continues below 164 feet	146-164

Remarks: Water level 16 feet; capacity at least 5 gpm.

Test hole 106-62-5cc
Drilled 1959, A — Elevation 1,304 feet

Qwl	Gravel, dry	0- 4
	Gravel, sandy, damp	4- 9
	Sand, coarse	9- 13
Qwl	Clay	13- 19

Well 106-62-9cbb
Drilled 1950, G — Elevation 1,325 feet

Qu & Kn	Gravel, blue clay, chalkstone, sandstone	0-160
Kcc	Sandstone	160-178

SANBORN COUNTY

Test hole 106-62-12baa
Drilled 1960, D — Elevation 1,283.6 feet

Geologic unit	Material	Depth below land surface (feet)
Qwl	Soil, black	0- 2
	Till, oxidized, brown; clay	2- 16
	Till, very silty, unoxidized	16- 18
	Till, silty, unoxidized, gray	18- 23
	Sand, medium, to silt; much clay	23- 27
	Till, sandy, silty, gray, unoxidized	27- 33
	Sand, medium, to silt; much clay	33- 40
	Till, gray, unoxidized	40- 42
Qwe	Sand, medium, to silt; some clay	42- 55
	Sand, coarse, to silt; some clay	55- 70
	Sand, medium, to silt	70- 79
	Till, unoxidized, hard; tough drilling	79- 82

Remarks: Rock at 78 feet.

Test hole 106-62-12cccc
Drilled 1960, D — Elevation 1,301.3 feet

Qu	Soil	0- 1
	Till, brown, oxidized	1- 17
	Sand, medium, to silt; some clay and coarse sand	17- 28
	Till, very sandy and silty; unoxidized; hard drilling	28- 76
	Sand, medium, to silt; easy drilling	76- 79
	Till, gray, unoxidized, hard drilling	79- 82

Well 106-62-13abbb
Drilled 1960, G — Elevation 1,290 feet

Qu	Clay, soft	0- 24
	Clay, hard	24- 45
	Sand	45- 55
	Clay or shale, sandy, light colored	55-115
	Clay, soft, dark	115-124
Kn	Chalkrock	124-148

Remarks: Water level 4 feet below land surface; capacity at least 4 gpm.

SANBORN COUNTY

Well 106-62-15aadd$_3$
Drilled 1956, G — Elevation 1,305 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil	0- 1
	Clay	1- 20
	Gravel	20- 41
	Clay	41-110
	Sand	110-120
	Clay	120-136
Kn	Chalkrock	136-150

Well 106-62-15adb
Drilled 1959, G — Elevation 1,290 feet

Qu	Clay, sandy	0- 10
	Sand	10- 17
	Clay, blue	17- 70
	Sand	70- 95
	Clay, sandy	95-116
Kn	Chalkrock; water at 129 feet	116-135

Remarks: Flowed 9gpm. One foot above land surface; artesian head 2 feet above surface.

Test hole 106-62-16dd
Drilled 1959, A — Elevation 1,310±10 feet

Qwl	Sand, medium to fine, clean, dry	0- 4
	Sand, medium to fine, clean, damp	4- 9
	Sand, medium to fine, clean, water	9- 14
	Clay (till?)	14- 19

SANBORN COUNTY

Test hole 106-62-18bbbb
Drilled 1961, D — Elevation 1,338 feet

Geologic unit	Material	Depth below land surface (feet)
Qwl	Till, sandy, light to dark, yellowish-brown	0- 10
	Sand, fine, silty, light yellowish-brown	10- 15
	Till (?), sandy, silty, dark-brown	15- 22
	Sand, medium, to silt	22- 29
	Clay, sandy, gray	29- 30
Qwe	Sand, very fine to medium	30- 86
	Gravel	86- 88
	Sand, very fine to fine	88- 92
	Till (?)	92-125
Kn	Shale, highly calcareous, dark-gray	125-152

Test hole 106-62-23aaaa
Drilled 1960, D — Elevation 1,314 feet

Qu	Soil	0- 1
	Till, brown, oxidized	1- 11
	Till, sandy and silty, gray, unoxidized	11- 14
	Sand, coarse, to silt; some clay, easy drilling	14- 25
	Sand, coarse, to silt	25- 27
	Till, silty and sandy, unoxidized; harder drilling	27- 42
	Sand, medium, to silt	42- 43
	Till, very silty and sandy, unoxidized; easy drilling	43- 78
	Till, gray, unoxidized, tough; hard drilling	78- 82

Well 106-62-23aad
Drilled — Elevation 1,316 feet

Qu	Clay (till)	0- 20
	Gravel	20- 41
	Clay (till)	41-110
	Sand	110-120
	Clay (till)	120-136
Kn	Niobrara	136

SANBORN COUNTY

Well 106-62-24ccd
Drilled 1950, G — Elevation 1,308 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay, sand, and blue clay	0-127
Kn	Chalkstone	127-165

Well 106-62-30babb
Drilled 1959, G — Elevation 1,317 feet

Qu	Clay	0-156
Kn	Chalkrock and sandy shale	156-163

Remarks: Water level 16 feet below land surface; drawdown of 2 feet while pumping 5 gpm.

Test hole 106-62-31cccc
Drilled 1961, B — Elevation 1,328 feet

Qu	Clay, buff, silty	0- 20
	Clay, gray, silty and sandy	20- 70
	Sand, coarse grained	70- 72
	Clay, gray, very silty, appears to be alluvium	72-122
Kn	Clay, light-gray (N7), strongly calcareous, foraminiferal; some typically speckled chalk; sand and gravel cavings	122-140

SANBORN COUNTY

Well 106-62-31ccdd
Drilled 1963, G — Elevation 1,327 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay; gravel streak from 78 to 80 feet	0-105
	Gravel and sand	105-125
Kn	Chalk	125-175
Kcc	Sandstone	175- ?
Kc	Shale	? -390
Kg	Limestone	390-410
	Shale	410-510
	Sand, fair	510-525
	Sand; hard layer at 545 feet	525-545
	Sand (?), poor	545-575
	Sand, fair	575-585
	Shale; sand streak at 630 feet	585-660
Kd(?)	Sand, fair	660-680
	Shale	680-695
Kd	Sand, good	695-780
	Shale	780-785

Remarks: Reported initial flow of 100 gpm, 10/14/63.

JERAULD COUNTY

Test hole 106-63-1aaaa
Drilled 1961, B — Elevation 1,313 feet

Qwl	Sand, medium to coarse	0- 15
	Clay, very sandy, gray	15- 70
	Sand, coarse	70- 90
	Gravel, fine	90-115
Kn	Marl, medium-gray (N5), speckled, highly calcareous, somewhat fissile	115-120

JERAULD COUNTY

Test hole 106-63-1dddd
Drilled 1961, D — Elevation 1,303 feet

Geologic unit	Material	Depth below land surface (feet)
Qwl	Soil, silty, black	0- 1
	Clay, silty, red-brown to brown; gravel	1- 8
	Sand, medium to very coarse; gray below 14 feet	8- 16
	Till, sandy, gray; little gravel	16- 41
	Sand (?) or very sandy clay (?); easy drilling	41- 69
	Sand and clay, interlayered	69- 92
	Till, dark blue-gray	92-107
Kn	Shale, calcareous, dark-gray	107-112

Well 106-63-13aabb
Drilled 1959, G — Elevation 1,325 feet

Qu	Sand	0- 40
	Clay	40-138
Kn	Shale, sandy	138-177

MINER COUNTY

Well 107-58-7cbd$_2$
Drilled 1962, G — Elevation 1,328 feet

Qu	Clay, silty, yellow-brown	0- 6
	Sand, fine to medium	6- 12
	Clay, silty and sandy, blue-gray	12- 44
	Sand, fine to coarse; some gravel	44- 88
Kp	Shale, blue-black	88-102
Kn	Shale, white flecked with gray; changing to light-gray flecked with darker gray	102-104

SANBORN COUNTY

Well 107-59-4aaaa
Drilled 1886, G — Elevation 1,329.54 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil	0- 4
	Clay, yellow	4- 14
	Sand; water	14- 16
	Clay, blue	16- 79
	Hard pan	79- 84

Well 107-59-4aabb
Drilled 1963, C — Elevation 1,320±10 feet

Qu	Topsoil	0- 3
	Clay, yellow	3- 29
	Clay, gray	29- 32
	Gravel, coarse	32- 45
	Clay, blue	45- 55
	Gravel, very coarse	55- 85
	Hard rock layer	85- 86
Kp	Clay, blue	86-101

Remarks: Water level 26 feet below land surface, measured 5/18/63; publ. S. Dak. Water Res. Commission, 1966, p. 21.

Well 107-59-4bcbc$_2$
Drilled 1886, G — Elevation 1,323 feet

Qu	Soil	0- 3
	Clay, yellow	3- 13
	Sand	13- 15
	Clay, blue	15- 78
Kp(?)	Hard pan	78- 83

SANBORN COUNTY

Well 107-59-6bbbc
Drilled 1958, G — Elevation 1,296.79 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Gumbo and clay	0- 12
	Gravel	12- 17
	Clay	17- 88
Kn	Chalkrock; aquifer penetrated at 96 feet	88-115

Remarks: Flowed 12 gpm, 1½ feet above land surface; artesian head 5 feet above surface.

Well 107-59-7d
Drilled 1962, G — Elevation 1,310 feet

Qu	Clay, tough, yellow	0- 22
	Clay, soft, dark	22- 86
	Clay, sandy, light	86-100
	Sand	100-106
Kn	Chalk, soft, dark	106-125

Remarks: Water level 4.5 feet below land surface. Pumped 25 gpm with suction pump.

Well 107-59-11badc
Drilled 1959, G — Elevation 1,320 feet

	Unreported	0-160
Kn	Chalk, lost circulation at 180 feet	160-220
Kc	Shale	220-260
Kcc	Sandstone, hard	260-360
	Shale	360-720
Kd	Sand, good	720-750
	Shale	750-760
	Sand	760-765
	Shale; sand streaks from 780 to 800 feet	765-812
	Sand	812-818
	Shale	818-858
	Sand	858-885
	Shale	885-900

Remarks: Flowed 15 gpm.

SANBORN COUNTY

Well 107-59-14cdcd
Drilled 1961, G

Elevation a1,320 feet

Geologic unit	Material	Depth below land surface (feet)
	Unreported	0-100
Kn	Chalk	100-165
Kc	Shale	165-320
	Shale; sand streaks	320-340
	Shale; sand streaks from 620 to 640 feet	340-640
	Sand	640-660
	Shale, sticky	660-717
Kd	Sandstone	717-760
	Shale, sticky	760-800
	Sand	800-810
	Shale	810-840
	Shale and sand, interbedded	840-860
	Sandstone	860-870
	Shale, hard	870-892
	Sandstone, hard	892-924

Well 107-59-15cbbc
Drilled 1959, G

Elevation a1,310 feet

	Unreported	0- 95
Kn	Chalk, lost circulation at 145 feet	95-170
Kc	Shale, gray	170-276
	Sand	276-350
	Shale; hard limestone at 382 feet	350-500
	Shale, gray; lost circulation between 520 and 570 feet	500-580
	Sand; shale streaks	580-600
	Sand	600-610
	Sand and shale, interbedded	610-620
	Shale	620-640
	Shale; sand streaks	640-650
	Shale and sand, interbedded	650-660
	Sand	660-670
	Shale	670-720
	Shale, sand streaks	720-730
Kd	Sandstone	730-780
	Sand and shale, interbedded	780-800
	Shale	800-810
	Sand	810-815
	Shale, sandy	815-837
	Sand, clean, hard	837-865
	Sand and shale, interbedded	865-880
	Sand	880-888

Remarks: Flowed 15 gpm.

SANBORN COUNTY

Well 107-59-17aadc
Drilled 1961, G — Elevation 1,302.74 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Topsoil, black	0- 4
	Clay, dark; rocks	4- 74
	Gravel	74- 91
Kp	Shale, sandy	91-103

Remarks: Flowed 20 gpm 1 foot above land surface.

Well 107-59-17addd
Drilled 1959 — Elevation 1,303.67 feet

Qu	Clay	0- 73
	Sand	73- 90
Kp	Shale, sandy	90-120

Remarks: Flowed 12 gpm, 9 inches above land surface; artesian head 1 foot above surface.

Test hole 107-59-20dddd
Drilled 1961, D — Elevation 1,298 feet

Qu	Soil, sandy, yellow-brown	0- 1
	Till, sandy, yellow-brown; dark-gray, sandier below 15 feet	1- 95
	Sand, medium to coarse	95-130
Kn	Shale, calcareous, dark-gray	130-147

SANBORN COUNTY

Test hole 107-59-22dddd
Drilled 1961, E — Elevation 1,318 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil	0- 1
	Till, yellow-brown, oxidized	1- 10
	Till, yellow-brown, oxidized; most of interval is unoxidized, blue-gray till	10- 15
	Till, dark blue-gray, unoxidized	15- 20
	Till, dark blue-gray, unoxidized; turns lighter gray; some calcareous material	20- 25
	Till, dark blue-gray, unoxidized, no calcareous cuttings, some sand near 60 feet	25- 60
	Till, blue-gray, unoxidized	60- 65
	Till, unoxidized; sand streaks	65- 69
	Rock	69- 71
	Sand and gravel	71- 92
	Shale, medium light-gray, noncalcareous fissile; top few inches highly bentonitic	92-100

Well 107-59-23bbbc$_2$
Drilled 1959, G — Elevation 1,315 feet

Qu&Kp(?)	Drift	0-100
Kn	Chalk	100-170
Kcc	Sand	170-260
Kc	Shale, sticky	260-400
	Shale	400-410
	Shale, sticky; sand streaks from 630 to 640 feet	410-700
Kd	Sand, good	700-717
	Shale; sand streaks	717-730
	Sand	730-745
	Shale	745-760
	Sand; thin shale bed near 765 feet	760-770
	Shale	770-787
	Sand	787-790
	Shale; sandy from 790 to 798 feet; interbedded with sand from 820 to 830 feet	790-830
	Sand, good	830-853

Remarks: Flowed 8 gpm.

SANBORN COUNTY

Well 107-59-28aca
Drilled 1963, G — Elevation a1,300 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Topsoil, yellow clay	0- 15
	Sand	15- 17
	Clay, tough	17- 24
	Clay, soft, gummy	24- 96
	Gravel	96-102
Kn	Chalk	102-127

Remarks: Flowed 20 gpm 6 inches above land surface and 4 gpm 20 inches above land surface.

Well 107-59-28cccb
Drilled 1960, G — Elevation 1,300.22 feet

Qu	Clay, soft	0- 94
Kp	Shale, light-brown, sandy	94-115

Remarks: Flowed 20 gpm 1 foot above land surface. Took all water from 109 to 110 feet. Took some water from 98 to 109 feet.

Well 107-59-28ddbd
Drilled 1959, G — Elevation 1,302 feet

Qu	Dirt	0- 4
	Sand	4- 11
	Clay	11- 76
	Sand	76- 80
	Clay	80-103
Kp&Kn	Shale, sandy and chalkrock (water at 107 feet); top Niobrara Marl probably at 107 feet	103-122

Remarks: Water rises 4 feet above ground. Flowed 20 gpm $1\frac{1}{2}$ feet above land surface and 10 gpm 3 feet above land surface.

SANBORN COUNTY

Test hole 107-59-29aa
Drilled 1959, A — Elevation a1,305 feet

Geologic unit	Material	Depth below land surface (feet)
	Sand or silt, very fine; scattered rocks ...	0- 4
	Silt, brown ...	4- 15
	Clay, blue ...	15- 19

Well 107-59-30adad
Drilled 1952, G — Elevation 1,305 feet

Qu	Unreported ...	0-132
Kn	Chalk ...	132-170
	Unreported ...	170-622
	Sandstone ...	622-630
	Shale ...	630-640
	Unreported ...	640-690
Kd	Sandstone ...	690-720

Well 107-59-30dcb
Drilled 1959, G — Elevation 1,294.4 feet

Qu	Clay ...	0- 88
	Sand ...	88- 92
	Clay ...	92-122
	Gravel ...	122-128
Kn	Chalkrock ...	128-142

Remarks: Flowed 35 gpm 2 feet above land surface; artesian head more than 7 feet above surface.

Well 107-59-36dadd
Drilled 1953, G — Elevation 1,321 feet

Qu	Drift ...	0- 95
Kn & Kc(?)	Chalk ...	95-240
Kcc	Codell (sandstone) ...	240-330
	Shale ...	330-610
	Shale; sand streaks ...	610-665
Kd	Dakota (sandstone) ...	665-695

SANBORN COUNTY

Well 107-60-2ddb
Drilled 1959, G — Elevation 1,302.31 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay	0- 90
	Sand	90- 95
Kp & Kn	Shale, sandy, and chalk	95-120

Remarks: Water level 16 feet below land surface (dug down 3 feet and piped water into slough. Flow then 8 gpm.)

Well 107-60-3aadb
Drilled 1959, G — Elevation 1,301 feet

Qu	Drift	0-112
Kn	Chalk	112- ?
Kcc(?)	Sand	? -200
Kc	Shale; some sand between 240 and 250 feet	200-290
	Sand	290-302
	Shale; sticky from 350 to 360 feet	302-470
Kg(?)	Shale; contains streaks of sand	470-490
Kgs	Shale	490-540
	Shale, interbedded with sand	540-560
	Shale	560-584
Kd	Sandstone, good	584-623

SANBORN COUNTY

Well 107-60-3adda$_1$
Drilled 1961, G — Elevation 1,301 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay	0- 20
	Sand	20- 45
	Clay, gummy, gravelly	45- 90
	Gravel (10 inch thick rock at 117 feet)	90-115
	Clay, gravelly, or coarse gravel	115-117
Kn	Chalkrock	117-170
Kc	Clay, blue, gummy	170-190
Kcc	Sand	190-205
	Clay, blue, and sandy clay (rock 1 inch thick at 285 feet)	205-286
Kcc(?)	Clay, sandy	286-325
Kc,Kg,Kgs	Clay, blue, gravelly	325-373
	Clay, blue, hard (8 inch thick rock 422 feet)	373-430
	Clay, blue, softer (hard shell 430 feet; rock 5 inches thick at 523 feet; rock 563 feet; mud flow 450 feet)	430-563
	Sand, or soft sandy clay 598 feet to 611 feet; 2 gpm flow 563 feet; rock 574, 591, and 598; rock drilled with diamond bit 625 to 627 feet	563-627
	Shale; rock 651 feet (3 inches thick)	627-688
Kd	Sand. Flow 3 gpm	688-706
	Clay	706-715
	Sand	715-718
	Clay	718-730
	Sand	730-735
	Unreported	735-800
	Sand	800-818
	Shale	818-840
	Clay, gummy	840-860
	Shale, sandy, soft	860- ?
	Total depth	920

SANBORN COUNTY

Test hole 107-60-3cbbb
Drilled 1962, D — Elevation 1,298 feet

Geologic unit	Material	Depth below land surface (feet)
Qwl	Soil, silty clay, brownish-black.....	0- 0.5
	Clay, silty, sandy, light yellow-brown to light-brown	0.5- 3
	Sand, fine to coarse; silty, clayey, medium-brown; gravelly from 3 to 5 feet...	3- 6
	Clay, sandy, silty, medium-brown.....	6- 9
	Gravel, sand, and silty, clayey, medium-brown	9- 10
	Clay, sandy, silty, medium-brown.....	10- 15
	Sand, fine to medium, silty, clayey, medium-brown; gravel from 17.5 to 18.5 feet; sand and clay mixed from 18.5 to 20 feet; saturated	15- 26
	Clay, slightly sandy and silty; medium-gray, hard drilling	26- 37
	Clay, very sandy, or clayey sand, medium-gray; fairly easy drilling.....	37- 54
Qwe	Sand, very fine to medium, silty, medium-brown, saturated, thin gravel at 55 feet.....	54- 59
	Clay, medium-gray, silty, somewhat sandy; tough drilling	59- 62
	Sand and clay interlayered or clayey sand, very easy drilling; thin gravel at 64 feet.....	62- 67
	Clay, silty, sandy, medium-gray, harder drilling.....	67- 72
	Sand, fine? to coarse, gray-brown?; easy drilling from 72 to 77 feet, very easy drilling from 77 to 90 feet. Rock from 83.5 to 85 feet	72- 90
	Clay, sandy and silty; medium gravel	90- 92(?)
Kn	Shale, tan-gray; shale, light-gray; highly calcareous; tough drilling.....	(?)92-107

Remarks: Water level 6.3 feet below land surface, 8/3/62.

SANBORN COUNTY

Test hole 107-60-5dccc
Drilled 1962, D — Elevation 1,292 feet

Geologic unit	Material	Depth below land surface (feet)
Qwl	Clay, sandy, brown; scattered coarse sand and fine gravel; very gravelly from 9 to 10 feet; gray-brown from 14 to 16 feet; gray below 16 feet.....	0- 20
	Clay and silt, brownish-gray; few fine sand grains; dark-gray below 22 feet; scattered fine gravel	20- 29
	Clay, silty, very sandy, gray; scattered coarse to medium sand grains and fine gravel; wet	29- 55
	No sample; tougher drilling; probably sticky clay-till.....	55- 64
Qwe	Sand, fine to medium; some fine gravel, probably much clay. Much easier drilling; clay? layer from 68 to 70 feet.....	64- 78
	Cobbles, gravel, probably in sand matrix, may be very tight	78- 80
	Sand, fine	80- 84
	Clay, gravelly; blue-gray; very hard; rock at 88.5 feet.....	84- 92
	Clay, sandy, gravelly, blue-gray, soft...	92- 97
	Clay, gravelly; blue-gray; very hard, sand from 100-101 feet	97-109
	Clay, sandy, soft; scattered gravel	109-117
	Clay, very sandy, blue-gray, very soft...	117-122
Kn	Clay, light-gray, highly calcareous.....	122-152

SANBORN COUNTY

Test hole 107-60-6cdcc
Drilled 1963, D — Elevation 1,222 feet

Geologic unit	Material	Depth below land surface (feet)
Qal	Clay, silty, dark-brown; few pebbles.....	
	Clay, silty, sandy, medium-brown to grayish-brown; saturated dark reddish-brown sandy clay fragments...	
	Silt, sandy, saturated; yellowish-brown sandy clay fragments.....	15- 22
Qwl	Gravel	22- 26
	Silt, sandy, orange-brown, saturated	26- 32
	Sand, saturated	32- 37
	Sand and gravel	37- 42
	Sand and gravel; some clay balls	42- 47
	Gravel, very coarse, dark yellowish-brown to dark-brown; coal fragments; gray clay balls; interbedded till and gravel.	47- 53
Kn	Clay, silty, light-gray; abundant foraminifers in washed sample	53- 72 T.D.

Test hole 107-60-6cdcd
Drilled 1963, D — Elevation 1,222 feet

Geologic unit	Material	Depth below land surface (feet)
Qal	Clay, sandy, silty, dark-brown, medium-brown below 8 feet, rock at 4 feet.....	0- 13
	Silt and very fine sand, clayey, light to medium-brown; saturated	13- 22
Qwl	Sand, medium to gravel, silty; medium-brown.....	22- 26
	Sand, medium to fine gravel, silty and Clayey, medium-gray; moderately easy drilling from 26 to 32 feet; easy drilling from 32 to 38 feet.....	26- 38
	Sand, coarse to gravel, very silty and clayey, medium- to dark-brown and gray-brown abundant medium to fine sand; fairly easy drilling; rock from 47 to 49 feet.....	38- 53
Kn	Shale, medium- to light-gray, highly calcareous	53- 77

Remarks: Some zones in the gravel (38-53 feet) are permeable and probably could yield an abundant supply of stock water.

SANBORN COUNTY

Well 107-60-13abc
Drilled 1960, G — Elevation 1,290.1 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay, soft	0- 80
	Gravel	80-102
Kn	Shale, light-brown	102-113

Well 107-60-13bcca
Drilled 1961, G — Elevation 1,295 feet

Qu	Soil, black	0- 4
	Sand	4- 8
	Clay, soft	8-108
Kn	Shale, dark, sandy	108-124

Remarks: Flowed 20 gpm 2 feet above land surface; artesian head 3 feet above land surface.

SANBORN COUNTY

Test hole 107-60-15cccb
Drilled 1962, D — Elevation 1,297 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil, clayey silt to silty clay, blackish-brown to light-brown	0- 4
	Sand, very fine, to silt, clayey, medium-brown, saturated; 6 inch gravelly bands at 8 feet and 10 feet; 3 inch gravel at 12 feet	4- 14
	Clay, very silty and sandy, somewhat gravelly; medium-brown; fairly tough drilling	14- 18
	Clay, silty, somewhat sandy, dark-brownish gray; pebbles common; tough drilling from 20 to 25 feet	18- 26
	Clay, silty, somewhat sandy, dark bluish-gray, calcareous; some pebbles; easy drilling from 29 to 33 feet	26- 78
	Silt, sandy and clayey, medium- to light-brown, saturated; tough drilling	78- 83
	Clay, sandy and silty, dark bluish-gray, tough drilling; easier drilling from 90 to 96 feet and 103 to 107 feet	83-107
	Sand, very fine to silt, light-brown; 3 inch gravel bands at 107 feet; saturated	107-117
Kn	Shale, tan-gray to light-gray, highly calcareous	117-132

Remarks: Water level about 7 feet below land surface 8/1/62.

Well 107-60-16cbbc
Drilled 1960, G — Elevation 1,298 feet

Qu	Clay	0-101
	Clay, gravelly	101-120
Kn	Chalk	120-160

Remarks: Water level 15 feet below land surface; capacity $\frac{1}{2}$ gpm. Pumped with plunger, then $1\frac{1}{2}$ gpm with $\frac{1}{2}$Hp monitor pit pump.

SANBORN COUNTY

Well 107-60-17aca
Drilled 1958, G — Elevation 1,285 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Drift	0- ?
Kn	Chalk	?-180
Kc	Shale	180-330
	Shale, sticky	330-380
Kg(?)	Shale; contains streaks of sand; mud flow.	380-390
Kgs	Shale	390-530
	Shale; contains streaks of sand	530-540
	Shale	540-565
	Sand	565-580
	Shale; sticky	580-665
Kd	Sand	665-685

Remarks: Flowed 20 gpm.

Well 107-60-20bacc
Drilled b1904, G — Elevation 1,291 feet

Qu	Drift	0- 90
	Sand	90-107
	Unreported	107-109
Kn	Chalk	109-136

SANBORN COUNTY

Well 107-60-21cdcd
Drilled , G — Elevation 1,298 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Unreported	0-150
Kn & Kc	Chalk	150-230
Kcc	Sand	230-260
Kc(?)	Unreported	260-345
	Shale	345-415
Kg(?)	Shale; sand streaks	415-430
Kgs	Shale, brittle	430-510
	Shale; sand streaks	510-590
	Shale; some shells	590-610
	Shale; sand streaks	610-612
	Shale	612-620
	Shale; some shells	620-640
	Shale	640-675
Kd	Sand	675-704
	Shale; sand streaks	704-730
	Sand	730-735
	Shale	735-740
	Sand, good	740-765
	Shale; hard shells at 784 and 792 feet	765-800
	Sand	800-815
	Shale, sticky	815-845
	Sand	845-848
	Shale	848-852
	Sand	852-856
	Shale, sticky	856-870
	Shale	870-880
	Sand, good	880-900

Well 107-60-21daab
Drilled 1959, G — Elevation 1,258 feet

Qu	Dirt	0- 8
	Gravel	8- 16
	Clay	16- 67
Kp(?)	Shale, sandy	67- 89
Kn	Chalkrock	89-160
Kc	Shale	160-168

Remarks: Flowed 2 gpm at 122 feet, little gain at 130 feet; 3 gpm at 143 feet; no gain after 143 feet; final flow 3 gpm.

SANBORN COUNTY

Test hole 107-60-22cccc
Drilled 1961, D — Elevation 1,300 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil, sandy, dark-brown	0- 1
	Till, sandy, gravelly; yellow-brown to red-brown	1- 15
	Sand, medium to very coarse, poorly sorted, poorly rounded; gravel	15- 20
	Sand, medium to coarse	20- 25
	Sand, very fine to very coarse; easy drilling	25- 98
	Till; hard drilling	98-120
Kn	Shale, light-gray, calcareous	120-147

Well 107-60-23bbcd
Drilled 1961, G — Elevation 1,275 feet

Qu	Soil, black	0- 2
	Clay, yellow	2- 12
	Sand	12- 18
	Clay, blue, rock 40 and 46	18- 73
	Gravel and sand	73- 84

Remarks: Flowed 75 to 100 gpm (blocked with mud in June, cleaned and flows 50 gpm). Artesian head at least 15 feet above land surface.

SANBORN COUNTY

Well 107-60-23cdcc2
Drilled 1961, G — Elevation 1,312 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay, yellow	0- 35
	Clay, dark, some rocks	35-103
	Gravel	103-104
Kp(?)	Clay	104-135
Kn(?)	Shale, sandy	135-158
Kn	Chalk	158-176

Remarks: Only 1 gpm could be pumped; casing pulled.

Well 107-60-23cdcc3
Drilled 1961,G — Elevation 1,312 feet

Qu	Drift	0-110
Kp	Shale	110-120
Kn	Chalk	120- ?
Kc	Shale	? -220
Kcc	Sand	220-290
Kc	Shale	290-468
Kg	Limestone	468-480
Kgs	Shale; sand about 580 feet; sand streaks between 680 and 700 feet	480-720
Kd	Sand	720-748
	Shale	748-760
	Sand	760-790
	Shale	790-800
	Shale and sand, interbedded	800-820
	Shale	820-840
	Sand, good	840-860
	Shale and sand, interbedded; shale from 900 to 920 feet	860-930
	Sand, good	930-944
	Shale	944-955
	Sand	955-960

SANBORN COUNTY

Well 107-60-23dabd
Drilled 1959, G — Elevation 1,295.55 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay	0- 90
	Sand	90- 95
Kn	Shale, sandy	95-118

Remarks: Water rises in well 5 feet above land surface. Flowed 6 gpm, 3 feet above land surface.

Well 107-60-24abcd
Drilled 1961, G — Elevation 1,291.15 feet

Qu	Clay, soft	0- 80
	Gravel	80- 91
Kn	Shale, sandy, dark	91-105

Remarks: Flowed 30 gpm; 15 gpm measured 9/61.

Well 107-60-24dbbd
Drilled 1894, G — Elevation 1,290 feet

Qu	Soil	0- 5
	Gravel	5- 85

Well 107-60-24ddac
Drilled 1958, G — Elevation 1,304.19 feet

Qu	Clay, yellow	0- 20
	Clay, dark	20-100
	Gravel	100-104
Kn	Shale, sandy (water 105 feet)	104-126

Remarks: Water level 2 feet below land surface; capacity at least 5 gpm.

SANBORN COUNTY

Well 107-60-25aabb
Drilled 1958, G

Elevation 1,292.69 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay	0- 85
	Gravel	85- 87
	Clay, sticky	87- 95
	Gravel	95-112
Kn	Chalkrock	112-130

Remarks: Flowed 30 gpm, 1 foot above land surface, 15 gpm 6 feet above land surface.

Well 107-60-25
Drilled

Elevation 1,310 feet

Qu	Clay, yellow	0- 20
	Clay, blue	20- 60
Qu & Kp (?)	Sand, gravel, and clay	60-100
Kn	Chalk	100-150

Well 107-60-26dada
Drilled 1959, G

Elevation 1,310 feet

Qu	Unreported	0-110
Kn	Chalk	110-160
Kc	Shale	160-240
Kcc	Sandstone	240-290
Kc	Shale, stocky	290-400
	Shale	400-636
	Sand	636-643
	Shale	643-700
	Sand	700-712
	Shale	712-716
Kd	Sand	716-735
	Shale	735-754
	Sand	754-763
	Shale	763-775
	Sand	775-783
	Shale	783-797
	Sand	797-800
	Shale	800-820
	Sand	820-835

Remarks: Flowed 5 gpm.

SANBORN COUNTY

Well 107-60-28ccac
Drilled b1904 — Elevation 1,290 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Drift	0- 92
	Shale; clay; (Till?)	92-128
Kn	Chalk	128-200
Kc	Shale; clay	200-220

Well 107-60-28ccda3
Drilled 1960, G — Elevation 1,292 feet

Qu	Topsoil, sand	0- 3
	Clay, yellow	3- 40
	Clay, dark	40- 98
	Gravel	98- 99
	Clay, gravelly	99-125
Kn	Chalkrock	125-148

Well 107-60-28c
Drilled b1904, G — Elevation 1,290 feet

Qu	Glacial drift	0-134
	Unreported	134-135
Kn(?)	Sandstone	135-140

Well 107-60-29cccb
Drilled 1956, G — Elevation 1,296 feet

Qu	Clay	0- 15
	Gravel	15- 30
	Clay	30-105
	Sand	105-124
Kn	Chalkrock ($\frac{1}{2}$gpm flow; stopped on rock); top of Codell Sandstone Member, Carlile Shale probably at 192 feet ...	124-192

Remarks: Water level 78 feet below land surface.

SANBORN COUNTY

Test hole 107-60-30aa
Drilled 1959, A — Elevation

Geologic unit	Material	Depth below land surface (feet)
Qu	Till	0- 4
	Clay, brown	4- 14
	Sand and water	14- 22
	Till	22- 24

Well 107-60-32bdd
Drilled 1959, G — Elevation 1,260 feet

Qu	Unreported	0- 45
	Gravel	45- 65
Kn	Chalk	65-135
Kc	Shale	135-160
Kcc	Sand	160-230
Kc,Kg,Kgs	Shale; contains streaks of sand between 500 and 510 feet	230-647
	Sand	647-660
	Shale	660-665
Kd(?)	Sand	665-703

Remarks: Flowed 40 gpm.

Well 107-60-32dddd$_2$
Drilled 1958, G — Elevation 1,285 feet

Qu	Clay	0- 92
	Clay, gravelly	92-122
Kn	Chalkrock	122-142

Remarks: Water level 63 feet below land surface; capacity 3 gpm.

Well 107-60-33bcbc
Drilled 1961, G — Elevation 1,285 feet

Qu	Soil, black	0- 2
	Clay, yellow	2- 16
	Sand	16- 18
	Clay, dark; rocks at 57 and 105 feet	18-117
Kn	Chalk	117-147

Remarks: Water level 66 feet below land surface.

SANBORN COUNTY

Well 107-60-36bddd
Drilled 1963, G — Elevation a1,310 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay; rock at 87 feet	0- 87
	Sand (?); easy drilling	87-105
	Clay, gravelly; rocks at 112 feet	105-150
Kn	Chalk	150-195
Kc	Shale	195-240
Kcc	Sand and sandstone	240-275
Kc,Kg,Kgs	Shale; sand streaks (stopped for night at 600 feet; mud flow by morning)	275-665
	Shale, soft	665-669
	Shale; rocks at 672 feet and 675 feet	669-682
Kd	Sand	682-694
	Sandstone, soft	694-697.5
	Shale	697.5-707
	Sand and sandstone; washed out hole at 715 feet flowed 4 gpm	707-715
	Shale; sand streaks	715-781.5
	Sand and sandstone	781.5-797
	Shale; washed out hole at 800 feet; flowed 8 gpm	797-806
	Sand	806-808
	Sandstone	808-809
	Sand	809-836
	Sandstone, soft	836-869
	Sand	869-910

Test hole 107-61-2dd
Drilled 1959, A — Elevation 1,293 feet

Qu	Silt; gypsum	0- 4
	Clay, yellow; wet (till)	4- 19

Remarks: 10 feet, 4 inches to water level.

Test hole 107-61-3cc
Drilled 1959, A — Elevation 1,286 feet

Qu	Till, sandy, brown; rocks	0- 14
	Clay, blue (till)	14- 24

SANBORN COUNTY

Test hole 107-61-4cc
Drilled 1959, A — Elevation 1,287 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay	0- 4
Qds	Sand or silt, brown	4- 9
	Silt, dark-gray	9- 14
Qwl	Silt or clay, blue (till)	14- 39

Test hole 107-61-5cc
Drilled 1959, A — Elevation 1,284 feet

Qds	Sand, very fine	0- 4
Qwl	Sand, fine to medium coarse	4- 13
	Clay, blue (till)	13- 19

Remarks: Small amount of water

Well 107-61-6dddd
Drilled 1957, C — Elevation 1,283 feet

	Topsoil	0- 1
	Sand, fine	1- 4
	Gravel	4- 19
	Clay, blue (till)	19- 22

Remarks: Average water level 8.4 feet below land surface; Publ. S. Dak. Water Res. Comm., 1966.

Test hole 107-61-7bb
Drilled 1959, A — Elevation 1,294 feet

Qwl	Sand; saturated below 9 feet	0- 14
	Sand and gravel; saturated	14- 17
	Shale (till)	17- 19

SANBORN COUNTY

Well 107-61-10bbbc
Drilled 1959, G — Elevation 1,288 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay, yellow	0- 15
	Clay, dark; rocks	15- 70
	Sand	70- 75
	Clay	75-144
Kn	Chalkrock	144-169

Remarks: Water level 50 feet below land surface.

Well 107-61-10ccbd$_2$
Drilled 1959 — Elevation 1,298 feet

Qds	Sand	0- 10
Qwl	Clay	10-155
Kn	Chalkrock	155-175

Remarks: Water level 68 feet below land surface.

Well 107-61-10dcca$_2$
Drilled 1960, G — Elevation 1,290 feet

Qu	Clay, yellow	0- 10
	Sand	10- 11
	Clay, dark	11-114
	Gravel and sand	114-120
	Clay	120-142
Kn	Chalkrock (chalk continues below 165 feet)	142-165

Remarks: Water level 52 feet below land surface.

Test hole 107-61-13aa
Drilled 1959, A — Elevation 1,282 feet

Qu	Clay, dry	0- 9
	Clay, dry; rocks	9- 14
	Clay, sandy; rocks	14- 19
	Sand, medium, clean	19- 29

SANBORN COUNTY

Well 107-61-14bbca
Drilled 1959, G — Elevation 1,285 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay	0- 85
	Sand	85- 98
	Shale (till?)	98-140
Kn	Chalkrock, slight flow at 146 feet	140-180
Kc	Shale	180-396
	Sandrock and sand	396-402
	Shale; mud flow from 440 to 460 feet	402-676
Kd(?)	Sand	676-702
	Shale	702-704

Remarks: Flowed 15 gpm.

Well 107-61-14dcdd$_1$
Drilled 1963, G — Elevation 1,290 feet

Qds	Sand; rock at 5 feet	0- 5
Qwl	Clay, yellow	5- 20
	Clay, dark	20- 82
	Gravel	82- 92
	Clay, or shale (till?)	92-116
Kn	Shale, chalky, sandy, dark, lost circulation from 125 to 140 feet	116-145
	Chalk, white, lost circulation	145-180
Kc	Shale; sand streaks	180-407
Kg	Sandstone and sand	407-412
Kgs	Shale; sand streaks; mud flow about 510 feet	412-573
	Sand	573-574
	Shale; sand streaks	574-683
Kd	Sand; total depth probably not bottom of sand	683-726

SANBORN COUNTY

Well 107-61-14dcdd$_2$
Drilled b1904, G — Elevation 1,290 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Till, oxidized	0- 12
	Sand	12- 19
	Till	19- 32
	Sand	32- 35
	Till, unoxidized	35- 81
	Sand	81- 82

Test hole 107-61-19cc
Drilled 1959, A — Elevation 1,292 feet

Qu	Clay, blue	0- 7
	Sand, medium, clean, wet	7- 9
	Sand, water	9- 14
	Sand, coarser	14- 19
	Sand, probably clay at 22 feet	19- 24
	Probably clay	24- 29

Remarks: Water level 8 feet below land surface.

Test hole 107-61-19dccd
Drilled 1961, E — Elevation 1,289 feet

Qds	Sand	0- 5
	Sand, some gravel	5- 10
Qwl	Till, gray, unoxidized	10- 22
	Gravel	22- 25
	Sand, coarse; brown clay	25- 30
	Sand, medium to coarse	30- 70
	Sand, coarse, blue clay; gravel	70- 80
Kn	Same; drilled like chalk at 85 feet	80- 90
	Siltstone, sandy, light olive-gray to dark olive-gray, calcareous	90-100

Remarks: Water level 6.8 feet below land surface 7/18/61.

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Test hole 107-61-21dd
Drilled 1959, A — Elevation 1,285 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Sand	0- 14
	Sand and water	14- 18
	Till (?)	18- 19

Well 107-61-23ddcd$_3$
Drilled 1961, G — Elevation 1,293 feet

Qu	Sand	0- 2
	Clay	2- 65
	Sand	65- 85
	Clay, blue	85- 95
	Clay, sandy, light-colored	95-142
Kn	Chalk	142-170
Kc	Shale or sand	170-240
	Shale; rock at 285 feet	240-315
	Shale, sticky; sand streaks	315-600
Kd(?)	Sand	600-611

Remarks: Flowed 8 gpm.

Well 107-61-23ddcd$_2$
Drilled 1959, G — Elevation 1,292 feet

Qu	Clay	0-135
Kn	Shale, sandy	135-170
	Shale	170-594
Kd	Sand rock and sand	594-613
	Shale	613-616

Remarks: Flowed 10 gpm.

SANBORN COUNTY

Well 107-61-25dcab
Drilled 1958, G — Elevation 1,292 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Unreported	0-140
Kn	Chalk	140-180
	Shale	180-680
Kd	Sand	680-710
	Unreported	710-716

Well 107-61-28acdd
Drilled 1960, G — Elevation 1,287 Feet

Qu	Sand	0- 15
	Clay; small rocks	15- 44
	Sand and clay; rock at 123 feet	44-155
Kn(?)	Sand	155-165
Kc	Clay, gummy	165-190
	Slate; rock at 320 feet	190-409
Kg(?)	Sandstone	409-417
Kgs	Shale; mud flow 1 gpm at 490 feet	417-490
	Shale, sticky	490-674
Kd	Sand	674-696

Remarks: Flowed 20 gpm.

Well 107-61-28bbbd
Drilled 1956, G — Elevation 1,290 feet

Qu	Sand	0- 6
	Gravel	6- 10
	Clay	10- 25
	Gravel	25- 30
	Clay; rock at 80 feet	30-128
Kn	Chalkrock	128-150

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Well 107-61-28dbad
Drilled 1961, G — Elevation 1,290 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Unreported	0-150
	Sand	150-153
Kn	Clay	153-169
Kcc(?)	Sand, sandstone	169-187
Kc	Clay	187-200
	Sand, sandstone	200-225
	Chalk	225-235
	Clay, sandstone	235-315
	Clay, gummy	315-336
	Clay	336-376
	Sand rock, hard	376-405
Kg & Kgs	Clay, gummy; mudflow 465 feet	405-478
Kgs	Clay; sand streaks	478-581
	Sand	581-592
	Clay, gummy; sand streaks	592-670
Kd	Sand	670-704

Remarks: Flowed 35 gpm.

Well 107-61-34dcca$_1$
Drilled b1904, G — Elevation 1,285 feet

Qu	Sand	0- 10
	Glacial till	10-125
	Shale (till?)	125-160
Kn	Chalk	160-175

Well 107-61-35aacc
Drilled 1959, G — Elevation 1,271 feet

Qu	Clay, blaster rock at 20 and 110 feet	0-118
Kn	Chalkrock	118-200
	Shale; hard shells	200-568
	Sand rock	568-578
	Unreported	578-652

Remarks: Flowed 8 gpm.

SANBORN COUNTY

Well 107-61-35cbdd
Drilled 1958, G — Elevation 1,281 feet

Geologic unit	Material	Depth below land surface (feet)
Qds	Sand	0- 4
Qwl	Clay	4-122
Kn	Chalkrock	122-148

Remarks: Water level 36 feet below land surface.

Well 107-61-36cdcb$_1$
Drilled 1956, G — Elevation 1,226 feet

Qal(?)	Unreported	0- 80
Kn	Chalk	80-140
Kcc	Sand	140-200
Kc	Shale	200-440
Kg(?)	Shale; sand streaks	440-460
Kgs	Shale	460-470
	Shale, sandy, sand streaks	470-490
	Shale, sticky	490-515
	Sand	515-525
	Shale	525-538
	Sand	538-540
	Shale	540-600
Kd	Unreported	600-610

SANBORN COUNTY

Well 107-61-36cdcb$_2$
Drilled 1960, G — Elevation 1,226 feet

Geologic unit	Material	Depth below land surface (feet)
Qal	Soil, sandy, dark	0- 19
	Gravel	19- 22
	Clay, sandy, dark	22- 40
	Clay	40- 65
	Clay, gravel streaks	65- 73
Kn	Chalk	73-130
Kc & Kg	Shale; sand streaks	130-253
	Shale, gummy, blue	253-327
	Sandstone, hard; 6 gpm flow at 328 feet; 1½ gpm at 330 feet	327-334
	Shale	334-432
Kg	Sandstone; 2½ gpm flow at 434 feet	432-437
Kgs	Shale, sticky	437-595
	Sandstone; 5 gpm flow	595-596
	Shale	596-622
Kd	Sandstone; 9 gpm flow	622-625
	Shale	625-640
	Sandstone; flow 30gpm	640-660

Test hole 107-62-1accb
Drilled 1963, D — Elevation 1,293 feet

Qu	Soil, sandy silt, clayey, dark-brown	0- 3
Qwl	Sand, very fine to medium, medium-brown, dry	3- 5
	Sand, fine to medium, some coarse, dark-brown; some pebbles to 1 inch diameter; dry to 10 feet, saturated below 10 feet	5- 15
	Sand, fine to medium, clayey, grayish-brown	15- 17
	Sand, fine to coarse, clayey, brownish-gray; stiffer drilling; gravelly from 20 to 21 feet	17- 21
	Clay, sandy and silty, gray; some pebbles; stiff drilling; rocks at 55, 56, 80, 86, and 88 feet; harder drilling below 57 feet	21- 97
	Sand (?); fairly easy drilling	97-103
Qwe(?)	Clay, sandy and silt, gray; hard drilling	103-108
	Sand, medium to silt, tannish-gray, dry; very hard drilling	108-110 T.D.

SANBORN COUNTY

Test hole 107-62-1acdc
Drilled 1963, G — Elevation 1,295 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil, sandy	0- 5
Qwl	Sand	5- 22
	Clay, sandy	22- 35
	Gravel; rocks	35- 59
Qwe(?)	Clay, sandy	59- 82

Test hole 107-62-1dabb$_1$
Drilled 1962, D — Elevation 1,295 feet

Qu	Soil, very sandy	0- 2
Qwl	Sand, coarse, to silt, medium-brown; gravelly from 4 to 6 feet	2- 7
	Sand, very fine to fine, medium-brown; saturated below 8 feet	7- 12
	Sand, fine to coarse, medium-brown; some fine gravel	12- 18
	Gravel, coarse	18- 18.5
	Clay	18.5- 20
	Gravel; rocks at 20 and 21½ feet	20- 21.5
	Clay	21.5- 22.5
	Gravel; rock at 24 feet	22.5- 25
	Clay, medium- to light-gray; fairly hard drilling	25- 29
	Sand; very easy drilling	29- 34
	Gravel, fine to coarse	34- 36
	Clay, medium-gray; harder drilling	36- 37
	Gravel, fine to coarse	37- 39
	Clay (?); harder drilling	39- 40
	Sand; easy drilling, rock at 52.5 feet	40- 52.5

SANBORN COUNTY

Test hole 107-62-1dabb$_2$

Drilled 1962, D — Elevation 1,295 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil, very sandy	0- 2
Qwl	Sand, coarse to silt, medium-brown; gravelly from 4 to 6 feet	2- 7
	Sand, very fine to fine, medium-brown; saturated below 8 feet	7- 12
	Sand, fine to coarse, medium-brown; some fine gravel	12- 18
	Clay	18- 24
	Sand; easy drilling	24- 30
	Clay	30- 35
	Clay; containing coarse gravel (?)	35- 40
	Clay	40- 41
	Gravel and sand	41- 43
	Clay	43- 45
	Sand; easy drilling	45- 53
	Clay, very sandy, medium-gray; medium hard drilling	53- 84
	Clay, sandy, gray; somewhat harder drilling	84- 95
	Clay, gray; hard drilling	95- 98
	Sand; easy drilling	98-101
	Clay (?), gravelly from 103.5 to 106 feet	101-106
	Sand (?); easy drilling	106-108
	Clay (?); hard drilling	108-117
	Clay, sandy, or sand, clayey (?); gravelly from 120 to 122 feet	117-122
	Sand (?); easy drilling	122-125
	Clay (?); hard drilling	125-127
	Sand (?); easy drilling	127-133.5
	Clay (?); harder drilling	133.5-137

SANBORN COUNTY

Test hole 107-62-1dbb
Drilled 1962, D — Elevation 1,296 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil, silty sand, dark-brown.....	0- 3
Qwl	Sand, fine to medium, dark-brown; some silt and coarse sand; saturated below 8 feet.....	3- 14
	Sand, medium to coarse, dark-brown; some fine to very coarse sand; gravel.....	14- 28
	Clay, gravelly and rocky, gray; very hard drilling. Very rocky and coarse gravel from 32 to 43 feet, gravelly 43 to 56 feet. This zone is a rocky gravel cemented with clay.....	28- 56
	Sand (?); easy drilling.....	56- 59
	Clay (?); hard drilling; very sandy and silty; gravelly and rocky from 93 to 98 feet. Occasional sand (?) layers (easy drilling) from a few inches to 2 feet thick.....	59-115
	Sand (?); easy drilling.....	115-118
	Clay (?); hard drilling.....	118-125
	Sand (?); easy drilling.....	125-127

Test hole 107-62-1dba
Drilled 1962, G — Elevation 1,295 feet

Qu	Topsoil, sandy.....	0- 3
Qwl	Sand, fine.....	3- 10
	Sand, fine to medium.....	10- 17
	Clay, sandy; rocks.....	17- 26
	Gravel and sand; boulders.....	26- 54
	Clay, sandy, blue.....	54- 62
	Gravel and sand.....	62- 66
	Clay, sandy, blue.....	66- 73
	Sand.....	73- 76
	Clay, sandy.....	76- 80
	Sand, fine.....	80- 83
	Clay, sandy, blue.....	83-107
	Clay, sandy.....	107-126
	Sand, fine.....	126-146
Kn	Shale, blue.....	146-167

Remarks: Irrigation well drilled at this site 7 months later.

SANBORN COUNTY

Test hole 107-62-1dccc
Drilled 1963, G — Elevation 1,297 feet

Geologic unit	Material	Depth below land surface (feet)
Qwl	Soil	0- 3
	Sand	3- 16
	Clay	16- 45
	Gravel; rocks	45- 49
	Coal or soft black rock	49- 50
	Clay, gravelly, dark; rocks at 106, 107, 110-111 and 114 feet	50-143
Kn	Chalk, dark	143-158
	Chalk, light	158-167

Test hole 107-62-2dd
Drilled 1959, A — Elevation 1,285 feet

Qwl	Clay, black	0- 4
	Clay	4- 5
	Sand, wet, medium	5- 9
	Clay	9- 10

Remarks: Water level 5 feet below land surface.

Well 107-62-3aaaa
Drilled 1957, C — Elevation 1,302 feet

Qwl	Topsoil	0- 3
	Sand, medium	3- 8
	Gravel	8- 13
	Clay, gray	13- 17
	Gravel	17- 36
	Clay, blue-gray	36- 40

Remarks: Average water level 9 feet below land surface; publ., S. Dak. Water Resources Comm., 1966.

SANBORN COUNTY

Test hole 107-62-3dd
Drilled 1959, A — Elevation 1,299 feet

Geologic unit	Material	Depth below land surface (feet)
Qwl	Clay, black	0- 4
	Clay, brown	4- 7
	Sand and clay; water	7- 9
	Sand; water	9- 29
	Sand, coarser; water; (till?)	29- 34
	Sand, and till; water	34- 39

Test hole 107-62-4dd
Drilled 1959, A — Elevation 1,298 feet

Qwl	Clay and sand	0- 4
	Sand, clean, moist	4- 9
	Sand, coarse, clayey	9- 19
	Sand, coarse, clayey	19- 22
	Till, blue	22- 24

Remarks: Water level 5.2 feet below land surface.

Test hole 107-62-5cc
Drilled 1959, A — Elevation 1,309 feet

Qwl	Sand, coarse, clean	0- 4
	Sand, coarse, clean, saturated	4- 14
	Sand, coarse; clay	14- 19
	Clay, blue	19- 24

Remarks: Water level 5.5 feet below land surface.

Test hole 107-62-5dd
Drilled 1959, A — Elevation 1,308 feet

Qwl	Sand, coarse, and gravel	0- 4
	Clay, brown	4- 14
	Clay, blue	14- 19

SANBORN COUNTY

Test hole 107-62-6aaaa
Drilled 1960, D — Elevation 1,311 feet

Geologic unit	Material	Depth below land surface (feet)
Qwl	Soil	0- 2
	Sand and silt; gravel and coarse sand below 10 feet	2- 24
	Gravel; rocks	24- 25

Well 107-62-7cdad$_2$
Drilled 1957, G — Elevation 1,310 feet

Qu	Clay, yellow, gravelly	0- 60
	Clay, dark	60-135
Kn	Shale, sandy	135-160

Remarks: Water level 20 feet below land surface; capacity at least 3 gpm.

Well 107-62-8daad$_2$
Drilled 1955, G — Elevation 1,317 feet

Qu	Clay	0- 37
	Sand	37- 83
	Clay	83-140
Kn	Shale, sandy	140-162

Remarks: Water level 26 feet below land surface.

Test hole 107-62-12bb
Drilled 1959, A — Elevation 1,295 feet

Qwl	Clay, black	0- 5
	Sand, fine, clean, brown; saturated	5- 9
	Sand; clay at 10 feet	9- 10
	Clay	10- 14

Remarks: Water level 4.5 feet below land surface.

SANBORN COUNTY

Test hole 107-62-15da$_1$
Drilled 1962, G — Elevation 1,295 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay, soft	0- 20
	Clay, solid	20- 30
	Clay, soft	30- 40
	Clay, gravelly or gravel	40- 64
	Clay	64-127
	Clay; sand streaks	127-145
	Clay	145-152
	Sand	152-154
	Clay, hard	154-158
	Sand	158-159
	Clay, sandy	159-165

Remarks: No water.

Test hole 107-62-15da$_2$
Drilled 1963, G — Elevation 1,293 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay, yellow	0- 10
	Clay, hard	10- 48
	Clay, soft; rock at 48 feet	48- 70
	Clay, hard	70- 85
	Clay, gravelly; hard streaks	85-109
	Clay, very hard, gravelly	109-117
	Clay, gravelly	117-168

Remarks: Hole located 80 rods SW of 107-62-15da$_1$; no chalk to total depth; no water.

SANBORN COUNTY

Test hole 107-62-17dddd
Drilled 1961, D — Elevation 1,298 feet

Geologic unit	Material	Depth below land surface (feet)
Qwl	Till, sandy, yellow-brown	0- 5
	Till, sandy, gray-brown	5- 10
	Till, gray	10- 15
Qwe	Gravel to fine sand, clayey, gray, poorly sorted	15- 20
	Sand, fine to medium, light-gray	20- 30
	Gravel to coarse sand	30- 50
	Sand, fine to medium	50- 70
	Till	70-102
	Sand	102-105
	Till (?), or clay or silt (?)	105-112
	Sand, fine	112-132
Kn	Shale, dark-gray, calcareous	132-152

Well 107-62-19bac$_1$
Drilled 1958, G — Elevation 1,306 feet

Qu	Clay, yellow	0- 20
	Clay, blue	20- 40
	Clay, sticky	40- 60
	Clay	60-126
Kn	Shale, sandy	126-148

Remarks: Water level 18 feet below land surface; capacity at least 5 gpm.

Well 107-62-19bac$_2$
Drilled 1962, G — Elevation 1,302 feet

Qu	Clay, soft	0- 22
	Clay, solid	22- 65
	Clay, soft	65- 85
	Clay, tough; gummy below 90 feet; rock at 89 feet	85-115
	Clay, soft	115-120
Kn	Chalk, dark; lost circulation at 129, 131, and 155 feet	120-160(?)
	Chalk, white	160(?)-167

Remarks: Water level 18 feet below land surface; pumped 5 gpm with suction pump at ground surface.

SANBORN COUNTY

Well 107-62-19ddda$_2$
Drilled 1959, G — Elevation 1,307 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Sand	0- 2
	Clay	2-135
Kn	Shale, sandy	135-160

Remarks: Water level 17 feet below land surface.

Well 107-62-19dddd
Drilled 1962, G — Elevation 1,308 feet

Qu	Soil and yellow clay	0- 15
	Clay, dark	15- 23
	Gravel	23- 25
	Clay, dark; small rocks at 38 feet	25-123
	Clay, darker	123-130
Kn	Chalk, dark	130-160

Remarks: Water level 15 feet below land surface; pumped 20 gpm with suction pump.

Well 107-62-20dddc$_2$
Drilled 1956, G — Elevation 1,305 feet

Qu	Soil	0- 1
	Clay	1- 30
	Gravel	30- 40
	Clay	40- 60
	Shale (till?)	60-128
Kn	Shale, sandy	128-152

Well 107-62-21daaa
Drilled 1959, G — Elevation 1,301 feet

Qu	Clay	0- 55
	Sand and shale (till?)	55-100
	Clay	100-152
Kn	Chalkrock	152-166

Remarks: Water level 11 feet below land surface; capacity 15 gpm.

SANBORN COUNTY

Well 107-62-21dcdd
Drilled 1888, G — Elevation 1,308 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil and clay	0-110
Qu & K	Shale	110-532
	Sandstone, hard, containing pyrites	532-562
	Shale	562-680
Kd	Caprock, hard	680-684
	Sandstone, soft, with hard streaks	684-725

Well 107-62-21dddd
Drilled 1960, G — Elevation 1,303 feet

Qu	Sand; rock 18 feet	0- 40
	Clay, sandy (rock 80 feet)	40-100
	Clay, gravelly	100-140
	Shale, sandy (till?)	140-148
Kn	Chalkrock	148-167

Remarks: Water level 10 feet below land surface; pumped 10 gpm with suction pump.

Well 107-62-22acaa
Drilled 1958, G — Elevation 1,311 feet

Qu	Clay, yellow	0- 20
	Clay, blue	20- 45
	Sand	45- 50
	Clay and shale (till?)	50-160
Kn	Chalkrock	160-180

Remarks: Water level 17 feet below land surface; capacity more than 5 gpm.

SANBORN COUNTY

Well 107-62-22cdcd
Drilled 1960, G — Elevation 1,299 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Topsoil, sand	0- ?
	Clay, dark	? - 38
	Sand	38- 45
	Clay, sandy	45- 58
	Gravel	58- 63
	Clay, gravelly	63-132
	Clay	132-140
Kn(?)	Shale, sandy	140-155
	Chalkrock	155-165

Remarks: Water level 11 feet below land surface; pumped 10 gpm with suction pump.

Well 107-62-23bbcc
Drilled 1961, G — Elevation 1,293 feet

Qu	Clay	0- 20
	Clay, gravelly	20- 35
	Clay, soft, dark	35- 46
	Sand; blasted rock at 65 feet	46- 85
	Clay; sand streaks	85-149
Kn	Shale, sandy; mixed with chalk	149-165

Well 107-62-24cccc
Drilled 1959, G — Elevation 1,295 feet

Qu	Clay	0- 78
	Clay, sandy; sand layers	78-150
Kn	Shale, sandy	150-165

Remarks: Water level 9 feet below land surface.

Well 107-62-26bbab$_2$
Drilled 1958, G — Elevation 1,296 feet

Qu	Clay	0-124
Kn	Shale, sandy (water at 130 feet)	124-148

Remarks: Water level 7 feet below land surface.

SANBORN COUNTY

Well 107-62-27baad
Drilled 1956, G — Elevation 1,298 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay	0- 20
	Sand	20-138
Kn	Shale, sandy	138-153

Remarks: Water level 10 feet below land surface; capacity 10 gpm.

Well 107-62-27dcdd
Drilled 1958, G — Elevation 1,301 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay	0- 70
	Sand	70- 90
	Clay, sandy	90-156
Kn	Chalkrock, and sandy shale, mixed	156-168

Remarks: Water level 12 feet below land surface; capacity more than 5 gpm.

Well 107-62-28aaca
Drilled 1956, G — Elevation 1,304 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Dirt, black	0- 10
	Clay; rock at 92 feet	10- 92
	Clay, gravelly	92-101
	Shale (till?)	101-153
Kn	Chalkrock	153-160

Remarks: Water level 15 feet below land surface.

SANBORN COUNTY

Well 107-62-28addd
Drilled 1961, G — Elevation 1,303 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil, black	0- 3
	Clay, yellow	3- 15
	Clay, dark	15- 45
	Clay, blue, gravelly	45- 50
	Clay, soft	50- 52
	Sand	52-148
Kn	Shale, sandy	148-155
	Chalk, light-gray	155-188

Remarks: Water level 14 feet below land surface.

Well 107-62-33cbba
Drilled 1959, G — Elevation 1,310 feet

Qu	Clay; rocks	0-136
Kn	Shale, sandy (water at 140 feet)	136-148

Remarks: Water level 11 feet below land surface; drawdown less than 1 foot pumping at 3gpm.

Test hole 107-62-33dddd
Drilled 1961, D — Elevation 1,300 feet

Qu	Till, sandy, dark yellow-brown, pebbly	0- 9
	Till, sandy, silty, dark-gray	9- 17
	Sand, very fine to medium, dark-gray	17- 25
	Sand and clay, interlayered	25- 45
	Sand	45- 67
	Till or clay	67- 74
	Sand, fine and silt	74- 91
	Till, sandy, blue-gray, hard	91-128
	Sand	128-137
Kn	Shale, blue-gray, calcareous	137-152

SANBORN COUNTY

Well 107-62-35aaaa$_2$
Drilled 1957, C — Elevation 1,287 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Topsoil	0- 1
Qwl	Clay, yellow	1- 12
	Clay, gray; fine sand layers	12- 50
Qwe	Gravel	50- 58
	Clay, blue	58- 70

Remarks: Average water level 2.2 feet below land surface; Publ., S. Dak. Water Resources Comm., 1966.

Well 107-62-35aadd
Drilled 1960, G — Elevation 1,286 feet

Qu	Gumbo (soil)	0- 2
Qwl	Sand	2- 4
	Clay, soft	4- 47
	Sand	47- 59
Qwe	Clay, gummy, blue	59-100
	Clay	100-135
Kn	Sand, shale; slight flow at 140 feet	135-150
	Chalkrock	150-161

Remarks: Flowed 4 gpm, 8 inches above ground surface, artesian head $1\frac{1}{2}$ feet above surface.

JERAULD COUNTY

Well 107-63-26bc
Drilled 1960, G — Elevation 1,308 feet

Qu	Dirt	0- 5
	Sand	5- 45
	Clay	45-123
Kn	Shale, sandy	123-147

Remarks: Water level 18 feet below land surface; pumped 5 gpm with suction pump.

SANBORN COUNTY

Test hole 108-59-6bccc
Drilled 1961, B — Elevation 1,323.15 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay, sandy, gravelly, buff	0- 10
	Clay, sandy, gravelly, gray	10- 25
	Clay, very silty, gray	25- 65
	Sand, medium	65- 71
	Sand, medium to coarse; fine gravel	71- 90
	Clay, silty, gray	90-119
	Sand, medium to coarse; fine gravel	119-125
Kn	Niobrara (?): Shale, light-gray to medium dark-gray, calcareous; silty, contains pyrite flecks, organic remains; possibly foraminiferal	125-145

Well 108-59-15bcdc
Drilled 1953, G — Elevation 1,331.83 feet

	Unreported	0-450
	Shale, sandy	450-560
	Shale, sand streaks	560-570
	Shale, sandy	570-580
	Shale, sticky	580-582
	Shale and hard shells	582-590
Kd	Sandstone	590-610

SANBORN COUNTY

Test hole 108-59-20ccdc$_1$
Drilled 1962, D — Elevation 1,308 feet

Geologic unit	Material	Depth below land surface (feet)
Qwl	Soil, black, slightly silty clay	0- 2
	Clay, sandy, dark to rusty-brown; gravelly at 4 feet.....	2- 4
	Gravel, fine to coarse sand, medium-brown, saturated; more clay and medium-gray below 11 feet.....	4- 12
	Clay, light- to medium-gray; gravel; fine to coarse sand; silt	12- 23
	Clay, gravelly and sandy, light-brown to dark-brown; medium-gray below 29 feet.....	23- 29
	Clay, light- to medium-gray	29- 32
	Sand (?).....	32- 38
	Clay, silty, sandy, medium- to dark-gray; fine gravel.....	38- 42
Qwe	Sand, very fine to coarse, light-brown, permeable; easy drilling	42- 45
	Sand (?) and clay (?), interlayered; easy drilling.....	45- 57
	Sand (?) or clayey sand (?)	57- 71
	Gravel, coarse, to coarse sand, medium-brown	71- 78
	Clay, sandy	78- 80
	Sand, medium to very coarse, medium-brown, very easy drilling	80- 84
	Sand, or clayey sand; very hard drilling ..	84- 91
	Gravel and sand; hard drilling from 91 to 94 feet; very easy drilling from 94 to 100 feet; coarse gravel from 98 to 100 feet.....	91-100
Kn	Shale, tan to tan-gray, highly calcareous.	100-152

Remarks: Water level below land surface measured as follows: 2.97 feet, 6/19/62; 4.00 feet, 6/25/62; 4.10 feet, 7/2/62; 4.30 feet, 7/9/62; 4.34 feet, 7/11/62.

SANBORN COUNTY

Test hole 108-59-20ccdc$_2$
Drilled 1963, B — Elevation a1,305 feet

Geologic unit	Material	Depth below land surface (feet)
	Sand, coarse to fine gravel; rocks at about 7 feet	0- 10
	Sand, coarse; some gray clay in cuttings; color change at 10 to 11 feet from rusty-brown to olive-gray	10- 18
	Till, gray	18- 25
	Sand, coarse; till, olive-gray and blue-gray	25- 35
	Till, bluish-gray; some olive-gray till balls; some sand	35- 55
	Sand, clayey; losing circulation	55- 75 T.D.

Test hole 108-59-20ccdc$_3$
Drilled 1963, B — Elevation a1,305 feet

	Sand; 1 foot core recovered	0- 5
	Sand, gravel; 1 foot core recovered	5- 14
	Till, silty, blue-gray, carbonaceous flecks throughout, 4 feet core recovered	14- 19
	Till, olive-gray, some yellow mottling; gravel cavings in top; 4 feet core recovered	19- 24
	Sand, fine; no core recovered	24- 30
	Sand, some till; 4 feet core recovered	30- 35
	Till, from 39-40 feet; sand and till; 3 feet core recovered	35- 40
	Till yellow-brown; till, blue-gray; 3 inches core recovered	40- 45
	Till, olive-gray, and sand; drilled	45- 55 T.D.

Well 108-59-20cddb
Drilled 1959, G — Elevation 1,307 feet

Qu & Kn	Unreported; lost circulation in chalk at 140 feet	0-180
Kcc	Sand	180-260
Kc,Kg,Kgs	Shale	260-620
	Sand, good	620-635
	Shale	635-700
Kd	Sand, good	700-730

Remarks: Flowed 15 gpm.

SANBORN COUNTY

Well 108-59-23ddda
Drilled 1890, G — Elevation 1,362.31 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil	0- 4
	Clay, yellow	4- 12
	Clay, blue	12- 50
	Sand	50-100
Kp	Shale, black	100-160
Kn	Sand or chalkrock	160-167

Well 108-59-31dc
Drilled 1962, G — Elevation a1,320 feet

Qu	Soil, black	0- 1
	Gravel	1- 3
	Clay, yellow	3- 23
	Clay, dark	23- 69
	Sand, rocky	69- 79
Kp	Chalk, dark; resembles dark clay	79-100

Remarks: Static water level 2 feet above land surface; flowed 12 gpm 0.5 foot above land surface, and 3 gpm 1.5 feet above land surface.

Test hole 108-59-31ddcc
Drilled 1961, B — Elevation 1,312.24 feet

Qu	Clay, buff, sandy	0- 12
	Clay, gray, sandy with few medium sandy stringers	12- 73
	Sand, coarse	73- 80
	Sand, coarse and fine gravel	80- 93
Kp(?)	Bentonite ?	93- 95
Kp	Clay, bentonitic, pale-blue (5PB 7/2), light olive-gray (5Y 5/2), and yellowish-gray (5Y 7/2); pyrite; organic remains	95-105
Kn	Clay, medium light-gray (N 6), calcareous, slightly speckled; foraminifera	105

SANBORN COUNTY

Test hole 108-60-6bcbb
Drilled 1961, B — Elevation 1,294 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay, buff, sandy, very pebbly	0- 30
	Clay, gray, sandy.....	30- 42
	Sand, coarse to pea gravel, composed of sh and ls pebbles	42- 45
	Clay, gray, sandy, few pebbles.....	45- 61
	Sand, coarse with pea gravel	61- 87
	Clay, gray, sandy.....	87-140
Kn	Clay, light-gray, silty, calcareous, foraminiferal.....	140-160
Kcc	Sandstone, fine to coarse, rounded, quartzose, calcareously cemented; brown organic remains (fish bones) ...	160-180

Test hole 108-60-17cddd
Drilled 1962, E — Elevation 1,310 feet

Qu	Soil, sandy clay, black.....	0- 1.5
	Clay, sandy, yellow-brown; scattered gravel	1.5- 4
	Sand, very clayey, red-brown; some fine gravel	4- 8
	Clay, very sandy, brown; slightly gravelly	8- 15
	Clay, very sandy, gray; streaks of fine to medium sand	15- 17
	Clay, gray-blue; fine sand and silt; some scattered coarse material	17- 22
	Clay, sandy, blue-gray; scattered gravel; thin gravel at 40 feet; rocks at 22 feet and 30 feet.....	22- 45
	Sand with clay(?); no sample	45- 52
	Sand, clean; gravel from 56 to 57 feet ...	52- 65
	Clay, sandy, gray; scattered gravel	65- 68
	Gravel and sand; clayey (till?)	68- 71
	Clay, sandy; no sample.....	71- 74
	Clay with scattered gravel; tough	74- 80
	Gravel, coarse, clayey	80- 81
	Sand(?); thin gravel streak at 84 feet; clayey.....	81- 84
	Clay, gravelly; tough; rock at 89 feet....	84- 92
	Clay, sandy(?); gravel from 96 to 97 feet.	92- 97
	Clay, slightly sandy, blue-gray	97-112

SANBORN COUNTY

Test hole 108-60-24dddd
Drilled 1961, D — Elevation 1,324.77 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil, silty, dark brown-black.....	0- 2
	Till, gravelly, sandy, and silty, dark yellow-brown.....	2- 28
	Sand, medium to fine, light yellow-brown, well-rounded, clayey; gray-brown below 30 feet.....	28- 32
	Till (?), very sandy, dark-gray	32- 40
	Sand, coarse to fine, and gravel (?); or sandy gravelly clay (?), very easy drilling	40-115
	Till (?).....	115-127
Kn	Shale, blue-gray, highly calcareous.....	127-152

Well 108-60-29aab$_3$
Drilled a1895, G — Elevation 1,306 feet

Qu	Soil.....	0- 3
	Clay, yellow.....	3- 15
	Clay, blue.....	15- 50
	Sand	50- 51.5
	Clay, blue.....	51.5- 74.5
	Hardpan	74.5- 76

Well 108-60-29dab$_4$
Drilled a1895, G — Elevation 1,295 feet

Qu	Soil.....	0- 3
	Clay, yellow.....	3- 38
	Clay, blue.....	38- 73
	Hardpan	73- 74

SANBORN COUNTY

Test hole 108-60-29ddaa
Drilled 1962, D — Elevation 1,296 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil, sandy and clayey silt, medium- to light-brown	0- 1
	Clay sandy and silty, medium to yellow-brown; pebbles common; gravelly zone from 7 to 10 feet; medium dark-brown below 8 feet	1- 10
	Sand, very fine to coarse, medium dark-brown to 11 feet and light-brown below; gravelly and silty; some clay; saturated below 11 feet	10- 16.5
	Clay, sandy and silty, brownish-gray; somewhat gravelly	16.5- 17.5
	Sand, very fine? to medium, light-brown; saturated; very easy drilling	17.5- 22
	Clay, medium-gray, gravelly, sandy, and silty to gray clayey and sandy silt; easy drilling. Gravelly zones from 62 to 63.5 feet and from 64 to 65.5 feet; harder drilling from 69 to 78 feet	22- 78
	Clay, gravelly, sandy, and silty, dark-gray; rocks or gravel at 84 and 85.5-89 feet; tough drilling	78-108
	Silt, sandy and clayey, dark blackish-brown; very tough drilling	108-112
Kn	Shale, blue-black, highly bentonitic	112-116

Remarks: Water level 6.48 feet below land surface 8/1/62.

Test hole 108-60-30cc
Drilled 1959, A — Elevation 1,230 feet

Qu	Topsoil	0- 4
	Clay, brown	4- 19
	Sand	19- 24
	Sand and water	24- 29
	Shale (till)	29- 34

SANBORN COUNTY

Test hole 108-60-32cca
Drilled 1962, D

Elevation 1,285 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil, very sandy clay, black, gravelly....	0- 1
	Sand, fine to medium, brown, very clayey, grading downward to very sandy clay; scattered coarse sand and fine gravel, (sandy till?).....	1- 7
	Clay, sandy, brown; scattered fine gravel	7- 14?
	Clay, slightly sandy, dark-gray to blue-gray; scattered gravel	14?- 16
	Clay, very silty, dark-gray; some sand; no pebbles; clayey, very fine to fine, sand from 19 to 19.5 feet	16- 22
	Clay, sandy, gray-brown; some scattered fine gravel; darker gray with depth; gray below 27 feet, soft; gravelly clay from 67 to 71 feet.....	22- 74
	Gravel, medium to very coarse.....	74- 78
	Sand, clean, medium to coarse; some fine sand	78- 81
	Gravel, fine to medium	81- 83
	Clay, dark-gray, highly calcareous, very tough (till?).....	83-105

SANBORN COUNTY

Well 108-60-35cab
Drilled 1962, G — Elevation a1,310 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil and yellow clay; rocks at 12, 15, and 17 feet	0- 17
	Clay, dark; rock at 52 feet	17- 84
	Gravel and rock; took some mud	84-108
Kn	Chalk, dark	108-112
	Chalk, white; lost circulation at 125 feet	112-165
Kc	Shale; sand streaks	165-202
Kcc	Sand and sandstone	202-220
Kc	Shale	220-240
	Sand and soft sandstone	240-250
	Shale; sand streaks	250-284
	Sand	284-300
	Shale	300-340
	Shale, gummy	340-390
	Shale; sand streaks; losing circulation at 420 feet	390-596
	Sandstone	596-598
	Shale	598-600
	Sand and sandstone	600-605
	Shale; sand streaks	605-620
	Shale, tough; sand streaks	620-669
Kd	Sand	669-680
	Sandstone, soft	680-685
	Sand and soft sandstone	685-698
	Rock, hard	698-700

Remarks: Flowed 9 gpm.

Well 108-61-5cddd2
Drilled 1958, G — Elevation 1,296 feet

Qu	Clay	0- 59
	Gravel; very little water	59- 60
	Clay	60- 63
	Sand	63-103
Kn	Shale; hit rock and stopped at 108 feet	103-108

Remarks: Water level 23 feet below land surface; pumped 4 gpm; screen set from 93 to 97 feet.

SANBORN COUNTY

Well 108-61-10cbbb
Drilled 1961, G — Elevation 1,288 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay, yellow	0- 9
	Gravel	9- 10
	Clay, yellow; rocks from 10 to 12 feet	10- 12
	Clay, dark; rocks at 44 feet	12- 62
	Sand	62- 86
	Clay	86- 91
	Sand and clay interlayered	91-109
	Clay	109-122
Kn	Shale, sandy	122-140

Remarks: Water level 31 feet below land surface.

Well 108-61-12aaac
Drilled a1895, G — Elevation 1,295 feet

Qu	Drift (?)	0- 38
	Drift	38- 60
	Sand	60- 90
	Drift	90- 93
	Shale; clay	93-118
Kn	Chalk	118-150

Well 108-61-15dccc$_2$
Drilled 1954, G — Elevation 1,308 feet

Qu	Drift	0-150
Kn	Shale?	150-190
	Chalk	190-225
Kc	Shale, sticky	225-240
Kcc	Sand and hard shells	240-260
Kc,Kg,Kgs	Shale and some sand streaks	260-580
Kgs(?)	Limestone	580-620
Kgs	Shale, sticky	620-700
Kd	Dakota Sandstone	700-807

SANBORN COUNTY

Well 108-61-17aacc$_1$
Drilled 1956, G

Elevation 1,300 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Soil, rock	0- 3
	Clay, yellow; some gravel	3- 21
	Sand	21- 25
	Clay, yellow; rocks	25- 33
	Clay, blue; rocks	33- 57
	Sand; lignite and shale particles; gravel	57- 59
	Clay, blue	59- 68
	Sand and blue clay	68- 71
	Clay; rocks	71- 75
	Sand, fine to medium; some lignite	75- 81
	Sand and clay	81- 84
	Sand, fine to medium; some lignite	84- 95
	Sand and gravel	95-100
	Clay, blue	100-108
	Sand, medium to coarse; loose	108-113
	Sand, coarse, loose; gravel	113-118
	Clay	118-121
	Rock	121-122
	Sand	122-124
	Clay, blue	124-137
	Sand, medium; some lignite	137-140
	Clay	140-141
	Sand and gravel	141-142
Kn	Shale	142-169

SANBORN COUNTY

Test hole 108-61-17dac
Drilled 1962, D — Elevation 1,307 feet

Geologic unit	Material	Depth below land surface (feet)
	Clay, very sandy, brown; scattered fine gravel and coarse sand; rock at 11 feet	0- 12
	Sand, fine to medium, brown, and clay, interlayered; thin layers of coarse sand and fine gravel; rock at 14½ feet	12- 17
	Clay, very sandy, red-brown; scattered coarse sand; gray-brown at bottom of interval	17- 20
	Clay, very sandy, gray to blue-gray, soft scattered coarse sand; rock at 38½ feet	20- 38.5
	Clay, sandy, blue-gray; scattered fine gravel; tougher drilling; rock at 41 feet; thin very sandy silt zone with little water at about 55 feet; remainder just slightly moist; thin zones of very silty clay with little sand interbedded with very sandy clay zones below 55 feet; rock at 69 feet	38.5- 72
	Clay, very gravelly, sticky; rock at 74 feet	72- 74
	Clay, sandy, blue-gray; sticky	74- 79
	Sand, very fine, gray, clean, well sorted some silt	79- 85
	Sand, very fine, and clayey silt; tough	85- 98
	Gravel, medium, probably sandy	98-100
	Sand, medium, clean; streaks of gravel	100-107
	Sand, very fine	107-112
	Sand?, coarse cobble or boulder layer from 114 to 115 feet	112-120
	Clay, sandy, gravelly, tough; rock at 121 feet	120-145
Kn	Clay, dark-gray, highly calcareous	145-152

SANBORN COUNTY

Well 108-61-26cdcb$_2$
Drilled 1959, G — Elevation 1,298 feet

Geologic unit	Material	Depth below land surface (feet)
Qu,Kn,Kc	Unreported	0-300
Kc	Shale	300-330
	Shale, sticky	330-360
Kc,Kg,Kgs	Shale	360-680
Kd	Sand	680-700
	Shale and sand, interbedded	700-738
	Shale	738-824
	Sand	824-848
	Shale	848-908
	Sandstone, good	908-940

Well 108-61-28babc
Drilled 1956, G — Elevation 1,299 feet

Qu	Topsoil	0- 5
	Gravel	5- 20
	Clay, gravelly	20- 85
	Sand	85-100
	Clay	100-147
Kn	Chalkrock	147-185

Remarks: Water level 50 feet below land surface.

Test hole 108-61-28dd$_1$
Drilled 1959, A — Elevation 1,305 feet

Qu	Clay	0- 7
	Sand, clayey; saturated	7- 14
	Clay (till)	14- 19

Remarks: Water level 9 feet below land surface.

Test hole 108-61-28dd$_2$
Drilled 1959, A — Elevation 1,305 feet

Qu	Clay, dry; rocks	0- 4
	Clay, moist at 7 feet	4- 14

SANBORN COUNTY

Well 108-61-29ddad
Drilled 1959, G — Elevation 1,315 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Dirt	0- 5
	Sand and gravel	5- 15
	Clay	15-103
	Sand	103-106
	Clay or shale	106-188
Kn	Chalkrock; water at 197 feet	188-205

Remarks: Water level 44 feet below land surface.

Test hole 108-61-30cc
Drilled 1959, A — Elevation 1,287 feet

Qu	Clay, brown; rocks	0- 12
	Sand and clay; saturated	12- 16
	Till (?)	16- 19

Well 108-61-33ccbd
Drilled — Elevation 1,295 feet

Qu	Drift	0- 22
	Shale (till)	22- 80
	Sand	80-115
	Shale	115-145
Kn	Chalk	145-165

SANBORN COUNTY

Test hole 108-61-36aaaa
Drilled 1963, D — Elevation

Geologic unit	Material	Depth below land surface (feet)
Qal	Clay, silty, black	0- 3
	Clay, silty, brownish-black, uniform texture, becoming browner below; occasional pebble; few shell fragments; saturated below 16 feet	3- 18
Qwl	Sand, silty, medium olive-gray, saturated	18- 23
	Sand and gravel	23- 27
	Till (?); harder drilling	27- 29
Qwe(?)	Sand, silty, buff, saturated	29- 40?
	(Till?) clay, silty, sandy, dark brownish-gray, saturated	40?- 42
	Till?; very hard drilling	42
	Till, blue-gray; stony, very compact	42- 47
	Till?	47- 51
	Sand?; saturated	51- 52
	Till?; tough drilling; rocks at 54 and 58 feet	52- 61
	Sand and gravel (?); easier drilling; rock at 64 feet	61- 65
	Till (?); tough drilling	65- 67
	Gravel; rocks at 68 and 79 feet	67- 80
	Till, dark-gray, stony; tough, smooth drilling	80- 83
	Till, silty clay, dark-gray, smooth, compact; few pebbles	83- 99 T.D.

Test hole 108-62-1aadd
Drilled 1961, B — Elevation 1,300 feet

Qu	Clay, sandy, buff	0- 20
	Clay, sandy and pebbly, gray	20- 40
	Sand, medium	40- 45
	Gravel, fine	45- 54
	Clay, sandy, gray	54- 65
	Sand, medium to coarse; coal fragments	65- 80
	Sand, coarse to very coarse	80-110
	Clay, sandy and pebbly, gray	110-149
	Gravel, fine	149-152
Kn	Chalk, light-gray (N7), silty, highly calcareous; foraminifers; somewhat sandy; some is typically speckled; sand and gravel cavings	152-180

SANBORN COUNTY

Well 108-62-1ccc$_2$
Drilled 1959, G — Elevation 1,325 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Topsoil	0- 2
	Sand	2- 10
	Clay	10- 60
	Shale	60- 76
	Sand	76- 83
	Clay or shale	83- 98

Remarks: Water level 50 feet below land surface.

Well 108-62-1dddd
Drilled 1961, G — Elevation 1,306 feet

Qu	Soil, gravelly clay, yellow	0- 20
	Clay, sandy, yellow	20- 41
	Clay, dark	41- 83
	Rock	83- 84
	Sand	84- 89
	Clay	89- 92
	Gravel	92- 95
	Clay	95- 98

Remarks: Pumped 3 gpm.

Well 108-62-14bbbd
Drilled G — Elevation 1,302 feet

Qu	Drift	0-135
Qu(?)	Bentonite	135-150
	Shale	150-180
Kn	Chalkstone, dark	180-193

SANBORN COUNTY

Test hole 108-62-20bb
Drilled 1959, A — Elevation 1,318±10 feet

Geologic unit	Material	Depth below land surface (feet)
Qal	Alluvium	0- 4
Qwl	Clay, brown	4- 19
	Till, gray	19- 24

Test hole 108-62-21cccc
Drilled 1961, D — Elevation 1,303 feet

	Sand, coarse to medium, red-brown	0- 5
	Sand, medium to fine, gray-brown; gray, medium to coarse sand below 15 feet	5- 23
	Gravel	23- 26
	Sand, coarse to fine	26- 30
	Sand, medium to fine; medium sand to silt below 34 feet	30- 73
	Till, blue-gray, gravelly and sandy; hard drilling	73-130
	Till(?), boulder and gravel	130-136
	Till	136-140
	Sand	140-152

Well 108-62-26bbbc
Drilled 1957, G — Elevation 1,299 feet

Qu	Topsoil	0- 5
Qwl	Sand, coarse	5- 10
	Clay, gravelly, blue	10-158
Kn	Shale, sandy; water from 162 to 164 feet	158-180
	Shale, sandy; water from 184 to 190 feet	180-190

Remarks: Water level 12 feet below land surface; capacity more than 6 gpm.

Test hole 108-62-27cc
Drilled 1959, A — Elevation 1,304 feet

Qwl	Alluvium	0- 7
	Sand and brown clay; saturated	7- 11
	Sand, and blue clay; saturated	11- 14

SANBORN COUNTY

Well 108-62-30adc
Drilled 1962, G — Elevation 1,315 feet

Geologic unit	Material	Depth below land surface (feet)
Qu	Clay, gravelly, yellow	0- 20
	Gravel	20- 25
	Clay, dark	25- 50
	Sand	50- 60
	Clay, gravelly, blue	60-130
	Clay, sandy, light; harder	130-150
Qu,Kn,Kc	Clay and shale; sand and coarse gravel streaks; bedrock below 163 feet	150-325
Kc	Shale, gummy, sand streaks	325-477
Kg(?)	Shale, hard, gummy; streaks of soft sandstone	477-489
Kgs	Shale; sand streaks. Flow of about 0.25 gpm from 655 to 661 feet	489-727
Kd	Sandstone and sand; very hard from 727 to 729 feet; cored 10 inches of very hard rock from 733 to 734 feet	727-779

Remarks: Flowed 15 gpm.

Test hole 108-62-32bccc
Drilled 1959, A — Elevation 1,315±10 feet

Qwl	Alluvium	0- 4
	Gravel	4- 7
	Sand	7- 9
	Sand; saturated	9- 11
	Till?	11- 14

BEADLE COUNTY

Test hole 109-63-35cccc
Drilled 1962, A — Elevation 1,317 feet

	Alluvium, black, changing to silt, buff, pebbly	0- 4
	Silt, pebbly, light-buff; pebbly	4- 9
	Gravel, silty, sandy, brown, saturated	9- 14
	Silt, sandy, saturated, no cuttings; hard drilling, buff-colored; gray below 39 feet	14- 59

Table 2.--Record of selected wells and test holes

Well location: See figure 3.

Owner: SDGFP, South Dakota Department of Game, Fish, and Parks; SDGS, South Dakota Geological Survey; SDWRC, South Dakota Water Resources Commission; USBR, U.S. Bureau of Reclamation; USGS, U.S. Geological Survey.

Year drilled: a, about; b, before.

Aquifer: Qa, Artesian outwash; Ql, local sand lenses and beds; Qw, Warren outwash; Kn-c, Niobrara-Codell; Kc, Carlile Shale below the Codell Sandstone Member; Kg, Greenhorn Limestone; Kd, Dakota Formation; Kd1, Kd2, Kd3, zones in the Dakota Formation.

Method of lift: C, centrifugal pump; P, piston pump, Cy, cylinder pump; J, jet pump; T, turbine pump. Yield: F, natural flow in gallons per minute; Fs, slight flow; Fu, undetermined flow; e, estimated; m, measured; r, reported; >, more than; <,less than.

Use of water: D, domestic; S, stock; I, irrigation; PS, public supply; T, test hole; O, observation well; N, none.

Remarks: Fx, formerly flowed at land surface; Fs, flowed slightly.

Table 2.–Record of selected wells and test holes

Well location	Owner	Year completed	Reported depth (feet)	Diameter of casing (inches)	Aquifer	Method of lift and yield	Use of water	Water temperature at well (degrees F.)	Specific conductance (micromhos per centimeter)	Date of visit or measurement	Altitude of land surface (feet)	Field Test: Hardness (ppm)	Field Test: Chloride (ppm)	Field Test: pH	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
							BEADLE COUNTY								
109-59 36dddd	USGS	1961	60	....	...	.....	T	...	....	11-27-61	1,371	.....	.....	..	See log. Water level measured 6.5 feet below land surface.
							HANSON COUNTY								
104-59 1aaaa	SDGS	1961	150	....	...	.....	T	...	....	10-27-61	1,311	.....	.....	...	See log. Water level measured 13.2 feet below land surface.
							JERAULD COUNTY								
106-63 1aaaa	SDGS	1961	120	....	...	....	T	...	....	10-27-61	1,313	.....	.....	...	See log. Water level measured 6.0 feet below land surface.
1dddd	USGS	1961	112	....	...	.....	T	...	....	11-1-61	1,303	.....	.....	...	See log.
13aabb	A. Goergan	1959	177	2	...	J	D	...	2,090	10-21-61	1,343	103	192	7.6	See log. Water level reported 32 feet below land surface in 1959.
108-63 1aadd	SDGS	1961	140	....	...	.....	T	...	....	10-21-61	1,343	.....	.....	...	See log. Water level measured 28 feet below land surface
10aada	D. Walker	1959	205	2	...	J	D	...	4,640	10-21-61	1,315	103	1,540	7.9	See log. Water level reported 31 feet below land surface in 1959.
11cadd	J. Peterson	1960	120	2	...	J	D	...	2,510	10-21-61	1,315	86	590	7.7	See log. Water level reported 14 feet below land surface in 1960.
12dddd	USGS	1961	152	....	...	.....	T	...	....	10-17-61	1,306	.....	.....	...	See log. Water level measured 9.0 feet below land surface.

Table 2.--Record of selected wells and test holes--continued

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
108-63						JERAULD COUNTY--Continued									
24adaa	J Olson	1958	155	3	...	J	D,S	...	2,390	10-21-61	1,320	68	660	7.8	See log. Water level reported 29 feet below land surface on September 26 1958.
						MINER COUNTY									
106-58															
31cccc	USGS	1961	150	....	...	.....	T	...	.....	7-18-61	1,343	.....	.....	...	See log. Water level measured 19.3 feet below land surface.
107-58															
6cccc	USGS	1961	129	....	...	.....	T	...	.....	7-24-61	1,343	.....	.....	...	See log.
18cccc	USGS	1961	155	....	...	.....	T	...	.....	7-3-61	1,337	.....	.....	...	See log. Water level measured 6.0 feet below land surface.
108-58															
30cccc	USGS	1961	105	....	...	.....	T	...	.....	7-24-61	1,333	.....	.....	...	See log.
						SANBORN COUNTY									
105-59															
1abba1	B Eining	1960	485	3,2	Kd	F>7.0	D,S	54.5	2,660	7-27-60	.....	959	175	7.6	
1abba2	B Eining	1952	485	2	Kd	F0.2m	S	...	2,670	7-27-60	.....	942	166	8.3	
1cddd	C Deckart	a1951	a400	2	Kd	F2.4m	D,S	...	2,560	7-25-60	.....	976	158	8.1	
2adc	M B Dowdell	1965	485		Kd										
2ccbb	C Hopf	1958	160	3,2	Qa	Cy	S	...	.....	7-25-60	1,327	.....	.....	...	See log. Water level reported 38 feet below land surface October 22, 1958.
3ccca	R Hendrix	a1956	380	2½,1½	Kg	F1.9m	S	52.5	2,480	5-31-60	1,319	976	175	7.4	
5adab	D Jones	1958	440	2	Kg	F3.5m	S	54	2,540	5-31-60	1,295	1,130	122	7.7	
5ccbb	L Roderick	1946	450	2	Kg	F>8.5	D,S	57	2,690	7-25-60	1,301	1,010	122	7.7	
5dabb	B Pody	1958	520	2½	Kd	F15.0	S	55	2,670	7-27-60	1,305	1,044	175	7.5	
6bbbb	SDGS	1961	155	....	...	.....	T	...	.....	10-27-61	1,290	.....	.....	...	See log. Water level measured 9.4 feet below land surface.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
105-59 7adda1	J Rubendall	1952	550	2	Kd	F20.0m	D,S	57	2,670	8-1-60	1,305	948	147	7.3	See chemical analysis.
7bccd	J Rubendall	1954	563	1½	Kd	F9.0m	D,S	56	2,700	9-4-59	1,295	685	114	7.6	Initial flow reported 20 gpm. Copper casing.
9ddcc	D Mitchell	a1920	a153	3	Kn-c	Cy	D,S	...	2,280	5-31-60	1,326	702	122	7.4	Water level reported 28 feet below land surface.
10aadd	R Morgan	1953	a150	2½	Kn-c	Cy	D,S	...	2,330	5-31-60	1,327	804	140	7.4	
10bbab	R Fiala	1954	a380	2	Kg	F3.25m	S	53	2,480	5-31-60	1,320	993	158	7.3	
10cdcc	F Geisler	....	120	3,2	Qa	Cy	D,S	...	2,350	5-31-60	1,330	719	140	7.3	Water level reported 20 feet below land surface.
10ddaa	R Hamm	1950	400	2	Kg	F1.7m	S	53	2,430	5-31-60	1,323	1,027	166	7.4	
11dccd	R Hamm	1916	280	2	Kc	F3.5m	D,S	...	2,620	7-25-60	1,327	1,079	166	7.9	
12bccc	F Valentine	....	a150	2½	Kn-c	Cy	D,S	...	2,720	7-25-60	.....	907	166	7.6	
13bcbc	T Hosmer	a1950	340	2	Kg	F0.6m	D,S	52.5	2,470	6-8-60	.....	1,079	149	7.3	
14bbaa	J Backman	a1950	275	2	Kc	F4.4m	D,S	...	2,660	7-25-60	1,325	1,027	175	7.6	Water level reported 14 feet below land surface when drilled.
15aabb	C Ludwig	1954	370	2	...	Fu	D,S	...	2,450	5-31-60	1,329	1,027	149	7.3	Initial flow reported 9 gpm.
15dddd	R Mitchell	a1912	333	2	Kg	Fs	S	...	2,630	8-1-60	1,326	1,061	166	7.7	
16bbbb	W Cope	a1952	370	3,2	Kg	F1.7m	S	54	2,480	5-31-60	1,311	1,027	166	7.4	
17aabb	W Cope	1958	539	2½	Kd	F>10.0	D,S	56.5	2,530	5-31-60	1,309	993	166	7.3	See log.
17bccc	W Friedrichs	....	575	2½	Kd	F25.7m	S	57	2,380	5-31-60	1,300	770	105	7.3	
18dcd	R Baade	1910	345	2½	Kg	F1.2m	S	...	2,400	9-3-59	1,301	1,061	158	7.3	
19aaad	B Cope	1949	590	3,2	Kd	F7.5m	D,S	...	2,360	9-3-59	1,302	822	114	7.2	Initial flow reported 35 gpm.
19ccaa	W M Smith	1962	547		Kd										
20adab	R Bechan	a1957	160	2½	Kn-c	Cy	S	49	2,410	5-3-60	1,313	753	149	7.4	

Table 2.--Record of selected wells and test holes-continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
105-59 20ddcc	V Morgan	a1920	600	2	Kd	F1.2m	D,S	54	2,370	5-31-60	1,312	1,079	140	7.3	
21adaa	R Bechan	a1900	160	2	Kn-c	P	D,S	...	2,400	5-31-60	1,320	702	140	7.1	Water level reported 6 feet below land surface.
21bddd	H Bechan	1958	161	2	Kn-c	Cy	S	...	.....	5-31-60	1,316	.....	.....	...	See log.
21cdcc	H Bechan	a1900	340	2½	Kg	Cy	D,S	...	2,470	5-31-60	1,319	839	219	7.2	
23bcbb1	D Morgan	1947	350	2	Kg	F0.6m	S	51	2,400	6-8-60	1,327	753	122	7.3	
23bcbb2	D Morgan	1960	140	4	Kn-c	Cy	D,S	...	2,570	6-8-60	1,327	734	122	7.5	See chemical analysis. Water level reported 75 feet below land surface.
24baab1	J Zeal	1956	118	3	Ql	Cy	D,S	...	2,690	7-25-60	.....	942	166	7.0	Water level reported 44 feet below land surface in 1956.
25bccc1	C Ross	1944	490	2	Kd	F0.3m	S	53.5	2,340	5-31-60	.....	1,198	149	7.2	
25bccc2	C Ross	1955	163	3	Kn-c	Cy	D,S	50.5	2,420	5-31-60	.....	924	158	7.6	Water level reported 49 feet below land surface in 1955.
26cbcc	B Twombley	b1918	a180	2½	Kn-c	Cy	D,S	49	2,810	5-31-60	1,323	804	87	7.3	
27cddd	C Washburn	b1915	a425	2	Kg	Fu	D,S	52	2,380	5-31-60	1,323	1,181	166	7.4	
27dada	E Isaacs	a1890	467	3	Kd	F1.6m	D,S	57	2,340	5-31-60	1,324	1,181	166	7.4	
28aaaa	Olson Bros.	b1920	a200	2½	Kn-c	Cy	D,S	48	2,700	5-31-60	1,317	976	131	7.3	
29babb1	R Hendrix	1959	680	2	Kd	F>6.3	D,S	53	2,330	5-31-60	1,303	976	105	7.3	
30bbba	O Tysdale	1958	416	2	Kd	F9.0m	S	53	2,440	8-27-59	1,299	1,061	149	7.3	See log.
30dcdd	C Nicholson	1915	640	3	Kd	F2.0m	D,S	55	2,340	5-31-60	1,307	113	105	7.2	
31ccdd	R Van deVoorde	a1895	315	...	Kd,Kg	....	...	...	.....	.....	1,302	.....	.....	...	See log.
31cdcd1	R Van deVoorde	1949	354	3,1½	Kd,Kg	F0.7m	D,S	52	2,290	5-31-60	1,302	993	140	7.4	Initial flow reported 5 gpm.
32adaa	L Boehnen	1957	160	3	Kn-c	Cy	D,S	49	2,470	5-31-60	1,308	753	158	7.6	
33dcdd	E Fiala	b1904	464	...	Kd	....	....	...	.....	.....	1,314	.....	.....	...	See log.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued.									
105-59 33dddd	C Washburn	a1940	147	2	Kn-c	Cy	D	...	2,410	5-31-60	1,315	702	149	7.2	
34addd	J Winnings	a1955	150	3	Kn-c	Cy	D,S	49	2,430	5-31-60	1,323	873	183	7.3	
36bad	M Schmit	1955	600	2	Kd	F14e	S	56	2,640	5-31-60	1,317	991	131	7.6	See log and chemical analysis.
36cdcc	B Twombley	1955	144	3	Kn-c	Cy	S	49	2,460	5-31-60	1,308	770	166	7.5	Water level reported 42 feet below land surface in 1955.
105-60 3dddc	D Morgan	b1945	150	...	Kn-c	Cy	D,S	...	2,750	9-4-59	1,300	120	96	7.7	
4adaa1	A Steel	1946	640	3,2	Kd	F20 0m	S	58	2,580	8-3-59	1,296	668	105	7.6	
4adaa2	A Steel	1954	165	3	Kn-c	Cy	D	...	2,720	8-3-59	1,296	86	162	7.7	Water level reported 60 feet below land surface August, 1959.
4adaa3	A Steel	1959	680	2,1¼	Kd	F20r	S	...	2,580	8-3-59	1,296	668	105	7.6	See log. Water level reported 72 feet below land surface January 24, 1959.
4adab	A Steel	1902	630	2	Kd	.....	...	...	....	.....	1,294	.....	.....	...	See log. Flow reported 52 gpm in 1902.
4cbcc1	C Ruml	....	160	3	Kn-c	Cy	D,S	...	2,560	8-3-59	1,300	68	122	7.8	
4cbcc2	C Ruml	.....	172	3,2	Kn-c	J	D	...	2,420	8-1-60	1,300	68	166	7.9	See log.
4dcc1	E Ruml	a1924	640	¾	Kd	F1 0m	S	57	2,730	7-22-59	1,297	479	96	7.8	
4dcc2	E Ruml	1952	170	3,2	Kn-c	J	D	...	2,500	7-22-59	1,297	68	149	7.9	Water level reported 68 feet below land surface in 1952.
5aaac	R &H Shawd	1954	180	3,2	Kn-c	Cy	S	...	2,400	8-3-59	1,291	68	149	7.9	Water level reported 62 feet below land surface in 1954.
5ccc2	R &H Shawd	1914	150	2	Kn-c	Cy	D	...	2,270	7-22-59	1,290	86	140	7.7	
5dcc	W Kromer	.....	a155	3	Kn-c	Cy	S	...	2,390	7-22-59	1,296	34	131	8.1	

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued.									
105-60 6aaab1	R.P.Shawd,Jr.	1954	577	2	Kdl	Fu	D,S	...	2,970	8-3-59	1,290	137	105	7.9	Initial flow reported 4 gpm.
6baaa	G.Kingsbury	1914	a180	2½	Kn-c	Cy	D,S	...	2,200	8-4-59	1,290	68	105	7.6	
7bab	A.Clarambeau	a1919	a170	2	Kn-c	Cy	D,S	...	2,050	7-22-59	1,286	34	122	7.9	
8ada1	M.Northrop	a1953	a155	3	Kn-c	Cy	D,S	...	2,390	7-22-59	1,298	68	105	7.8	
8bcca2	W.Kromer	a1944	a160	3	Kn-c	Cy	D,S	...	2,330	7-22-59	1,295	51	149	7.9	
8dcd	L.VanOverschelde	1950	190	3,2	Kn-c	Cy	D,S	...	2,670	7-21-59	1,300	137	87	7.7	Water level reported 62 feet below land surface in 1950; 75 feet below land surface in 1953.
9aaa1	B.Steel	1953	170	3,2	Kn-c	J	D	...	2,690	7-22-59	1,300	445	96	7.3	Water level reported 66 feet below land surface in 1953.
9aaa3	B.Steel	1924	617	...	Kd	F1.5m	S	57	.....	7-22-59	1,300	.....	.....	...	
9baa	R.Ruml	1914	150	2	Kn-c	Cy	S	...	.....	7-22-59	1,298	.....	.....	...	
9cbc	L.VanOverschelde	1929	175	2½	Kn-c	Cy	D,S	...	2,470	7-21-59	1,300	103	87	7.5	Water level reported 73 feet below land surface in 1958.
10bccc2	J.&L.Bluhm	1951	170	3,2	Kn-c	....	D	...	2,540	7-27-60	1,299	154	96	7.7	Water level reported 72 feet below land surface in 1951.
10ccbc2	R.Ruml	1956	146	3,2	Kn-c	Cy	D,S	...	2,710	7-22-59	1,300	171	87	7.7	
10dddc2	C.Justra	1949	a160	3,2	Kn-c	Cy	D	...	2,860	9-3-59	1,300	103	166	7.6	
11acd	E.Rubendall	a1920	a600	3	Kd	F3.8m	S	55	2,700	9-4-59	1,230	668	105	7.3	
11bcc1	G.J.Ruml	1950	147	3,2	Kn-c	Cy	D,S	...	3,040	7-22-59	1,298	257	79	7.2	Water level reported 32 feet below land surface in 1950.
12bacb	E.Witzel	1950	478	2½,1¼	Kd	F4.6m	D,S	55	2,710	9-8-59	1,295	924	158	7.2	
13dadd	R.Baade	1955	469	1½,1	Kd	Fu	D,S	...	2,580	9-3-59	1,295	1,027	131	7.1	Initial flow reported 14 gpm. Copper casing.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
105-60 14bbba2	L.VanHeeble	1894	510	2	Kc	...	....	...	.....	.....	1,300	.....	.....	...	See log. Initial flow reported 2,000 gpm.
14ccbd1	C.Justra	1953	a500	2	Kd	F9.0m	S	56	2,530	8-28-59	1,293	907	96	7.2	
15cbcb	G.Hinders	1951	156	....	Kn-c	Cy	S	...	.....	8-28-59	1,295	.....	.....	...	
15dddd1	USBR	1954	165	....	...	...	T	...	.....	.....	1,295	.....	.....	...	See log.
15dddd2	A.Hinders	1921	498	2,1¼	Kd	F4.6m	D,S	57	2,500	8-28-59	1,297	924	105	7.3	
15dddd3	A.Hinders	1949	141	3,1	Kn-c	Cy	D,S	...	2,410	8-28-59	1,297	86	175	7.9	
16dad1	J.Northrup	1920	a500	2	Kd	F2.5e	S	57	2,410	7-20-59	1,295	1,096	87	7.1	
16dad2	J.Northrup	1949	156	2	Kn-c	Cy	D	...	2,210	7-20-59	1,296	68	131	7.9	
17adac	R.VanOverschelde	1941	506	2	Kd	F5.8m	S	57	2,430	7-21-59	1,290	1,147	96	7.1	
17adda	R.VanOverschelde	1960	165	2	Kn-c	Cy	S	...	.....	11-8-60	1,291	.....	.....	...	See log. Water level reported 60 feet below land surface November 8, 1960.
17babb1	L.VanOverschelde	1956	580	1½	Kd	F16.0m	S	57	2,280	3-16-59	1,295	976	96	7.2	See log. Initial flow reported 50 gpm. Copper casing.
17cccd	W.Welch	1919	440	....	Kd	F0.15m	S	57	.....	7-21-59	1,307	.....	.....	...	
17cddb	W.Welch	1956	492	3	Kd	F11.3m	D,S	57	.....	7-21-59	1,298	.....	.....	...	
17dddb	E.Ruml	1954	492	3,2	Kd	F18.0m	D,S	58	2,460	7-21-59	1,296	1,096	96	7.1	Initial flow reported 80 gpm.
18bbb	H.Koepke	b1929	606	7/8	Kd	F2.3m	D,S	56	2,660	7-21-59	1,307	565	96	7.4	Copper casing.
18cddc	E.Hewer	1949	550	3,2	Kd	F2.3m	D,S	56	2,450	7-21-59	1,313	1,044	79	7.2	
18dccd	D.Swank	....	530	3,2	Kd	F0.4m	D,S	...	2,440	7-21-59	1,313	924	96	7.2	
18dddd1	USBR	1954	160	....	...	.....	T	...	.....	.....	1,307	.....	.....	...	See log.
19bbba	G.Lucid	1956	525	3	Kd3	F4.5m	S	55.2	2,460	7-21-59	1,311	1,027	96	7.2	
20abab1	W.Welch	1892	497	2	Kd	.....	....	....	.....	.....	1,300	.....	.....	...	See log. Flow reported 165 gpm in 1892.
20abab2	W.Welch	1924	505	2	Kd	F1.7e	S	57	2,490	7-20-59	1,300	1,044	114	7.2	

Table 2.--Record of selected wells and test holes.--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued.									
105-60 20bbb	A Larimer	b1904	408	2½	Kd	F0.1m	S	...	2,490	7-21-59	1,302	959	96	7.1	
20cbb	J Steinfeld	1917	550	...	Kd	F1.5m	D,S	58	2,500	7-20-59	1,309	856	87	7.3	
20ddd	G Lucid	1951	466	2	Kd3	F1.5m	S	57	2,450	7-16-59	1,304	1,096	114	7.1	
21abab	G Kelley	a1944	a150	3	Kn-c	Cy	D,S	...	2,570	7-16-59	1,302	137	96	7.6	
21abb	G Kelley	1890	242	...	Kc	.....	...	...	.....	.....	1,302	.....	.....	...	See log.
21bbbc2	M VanWallegher	1923	480	2	Kd	F1.1e	D,S	57	2,460	7-20-59	1,297	1,061	96	7.3	
23aadd3	C Keogh	1960	67	2	Kn-c	J	D,S	52	2,690	7-28-60	1,230	120	201	7.7	See log. Water level reported 17 feet below land surface July 8, 1960.
23aadd4	C Keogh	1961	319	2	Kd	F5.0m	S	55	2,300	9-12-61	1,230	924	114	7.7	See log.
23bcbc	A Groeber	1942	180	3	Kn-c	Cy	D,S	...	2,360	8-28-59	1,301	103	105	7.6	
23daaa	L VanOverschelde	1960	290	2½	Kg	F6.0m	S	53	2,680	8-1-60	1,211	514	96	7.4	
24dcdd	B Cope	1959	432	2	Kd	F8.6m	S	51	2,370	1-10-62	1,292	942	200	7.7	
25cccd2	USGS	1960	117	....	....	.....	T	...	2,000	9-14-60	1,211	470	70	...	See log and chemical analysis. Water level measured 4.7 feet below land surface.
25cdcd	USGS	1960	117	....	....	.....	T	...	.....	9-14-60	1,290	.....	.....	...	See log.
26cccc	USGS	1960	117	....	....	.....	T	...	.....	9-14-60	1,303	.....	.....	...	See log. Dry hole.
26ccdd1	L Phillips	1909	480	4	Kd3	F0.6m	S	54	2,190	8-25-59	1,299	1,027	114	7.2	
26ccdd2	L Phillips	1958	138	3,2	Kn-c	Cy	D	...	2,400	8-25-59	1,299	360	87	7.5	Water level reported 70 feet below land surface December, 1958.
26ddcc	USGS	1960	54	....	....	.....	T	...	.....	9-14-60	1,225	.....	.....	...	See log.
27dcca	L Northrup	1956	350	3	Kg	Cy	D,S	...	2,460	8-25-59	1,308	1,010	87	7.3	
28aaca	E Ruml	b1898	442	....	Kd	.....	...	...	.....	.....	1,304	.....	.....	...	See log.
28aada2	E Ruml	1955	166	3	Kn-c	J	D,S	54.5	2,640	7-29-60	1,304	168	63	7.6	See chemical analysis. Water level reported 88 feet below land surface in 1955.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY--continued.															
105-60 29bba	N.Northrup	1943	550	3	Kd3	F1.1m	D,S	54	2,480	7-16-59	1,307	1,010	87	7.4	
29ccc1	P.VanOverschelde	a1910	360	3	Kg	F0.6m	S	56	2,500	7-16-59	1,307	959	87	7.4	
29dddc1	P.VanOverschelde	1950	163	3	Kn-c	Cy	D	...	2,430	7-16-59	1,306	103	105	7.7	
29dddc2	P.VanOverschelde	a1918	160	3	Kn-c	Cy	S	...	2,400	7-16-59	1,306	120	105	7.7	
30addc	R.Titus	1942	542	3,1¼	Kd2	F5e	S	58	2,480	7-13-59	1,308	850	67	7.0	See chemical analysis.
30addd	R.Titus	1944	188	2	Kn-c	Cy	D,S	...	2,600	7-13-59	1,308	137	87	7.8	
31aaaa	USGS	1961	152	....	....	.....	T	...	.....	10-18-61	1,302	.....	.....	...	See log. Water level measured 3.4 feet below land surface.
31aadd1	L.VanOverschelde	1951	160	2	Kn-c	Cy	D	...	2,540	7-13-59	1,303	137	87	7.3	
31cbcc	SDGS	1961	160	....	....	.....	T	...	.....	10-27-61	1,298	.....	.....	...	See log. Water level measured 15.0 feet below land surface.
31cdca	L.VanOverschelde	1915	350	3	Kg	F1.0e	S	65	2,450	7-13-59	1,300	976	79	7.3	
31dddd	USBR	1954	135	....	....	.....	T	...	.....	.....	1,301	.....	.....	...	See log.
32aad	E.Delaney	1924	160	3	Kn-c	Cy	D,S	...	2,480	7-13-59	1,305	137	105	7.4	
33aaaa	USGS	1961	140	....	....	.....	T	...	.....	7-18-61	1,304	.....	.....	...	See log. Water level measured 11.8 feet below land surface.
33ccdd2	R.Vermeulen	1955	130	5	Kn-c	Cy	D,S	...	2,550	7-13-59	1,301	291	70	7.4	
33ddcc	B.Vermeulen	1899	425	2	Kd3	F3e	D,S	54	2,460	7-13-59	1,301	1,130	105	7.3	Initial flow reported 80 gpm.
34abab2	Hanneman Estate	1951	190	3	Kn-c	Cy	D,S	50	2,710	8-25-59	1,307	308	70	7.4	Water level reported 90 feet below land surface.
34bbbc	F.Nugent	1946	180	3	Kn-c	Cy	D,S	...	2,430	8-25-59	1,304	188	96	7.9	
34ccbc1	J.Vermeulen	a1940	425	3	Kd3	F0.6m	S	56	2,410	8-25-59	1,304	1,010	96	7.4	
34ccbc2	J.Vermeulen	1954	150	3	Kn-c	Cy	D	...	2,690	8-25-59	1,304	325	70	7.4	Water level reported 79 feet below land surface in 1954.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued.									
105-60															
35bbbd2	J Davis	1950	134	3,2	Kn-c	Cy	D	...	2,390	8-25-59	1,302	360	87	7.3	Water level reported 94 feet below land surface in 1950.
36dbaa	O Tysdale	1942	a600	3,2	Kd3	F0.8m	S	...	2,240	8-27-59	1,300	1,147	103	7.3	
36dddd	SDGS	1961	160	....	...	.....	T	...	.....	10-27-61	1,301	.....	.....	...	See log. Water level measured 13.2 feet below land surface.
105-61															
1aaad1	S Fitak,Jr.	1925	160	2½	Kn-c	Cy	D,S	...	2,940	10-16-59	1,291	68	122	8.1	
1aaad2	S Fitak,Jr.	1905	585	1¼	Kd1	F1.5m	S	...	2,910	10-16-59	1,291	154	114	7.9	
1ddbb	S Fitak,Jr.	1958	657	3,2	Kd2	F9.0m	S	58	2,630	10-16-59	1,291	448	67	6.6	See log and chemical analysis.
2aaa	A Latza	1954	662	2½,1½	Kd2	F8.2m	S	59	2,460	10-15-59	1,299	496	79	7.9	Initial flow reported 20 gpm.
2cccc	L &E Meier	b1920	160	1½	Kn-c	Cy	D,S	...	2,090	10-15-59	1,297	103	122	7.8	
3bcbc	L Mernaugh	1958	574	2,1½	Kd1	F2.8m	S	55	2,710	10-15-59	1,290	171	105	8.1	Initial flow reported 8 gpm.
3ccbb	M Mernaugh	1950	572	2,1¼	Kd1	F1.8m	D,S	54	2,780	10-15-59	1,294	.....	.....	...	
3dddd	USGS	1961	152	....	...	.....	T	...	.....	10-17-61	1,290	.....	.....	...	See log. Water level measured 11.2 feet below land surface.
4cddd	D Bennett	b1910	a650	....	Kd1	F1.2m	D,S	...	2,820	10-15-59	1,302	120	105	8.2	
6cdd1	V Amick	a1947	160	3	Kn-c	Cy	D,S	...	2,460	10-15-59	1,307	86	280	7.8	
6cdd2	V Amick	1950	835	3,1½	Kd3	F20e	S	57	2,270	10-15-59	1,307	1,181	87	7.2	Initial flow reported 30 gpm. Copper casing.
7addc	W Parker	1957	817	1½	Kd3	F>25.0	S	54	2,280	10-15-59	1,288	1,233	87	7.2	See log.
7ccca1	V Amick	1950	155	3,2	Kn-c	J	D,S	...	2,620	10-15-59	1,300	68	350	7.8	Water level reported 25 feet below land surface in 1950.
8dd	T McGraw	1916	576	2	Kd1	F10e	D,S	57	2,890	7-21-59	.....	154	96	8.1	Initial flow reported 18 gpm.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
105-61 9cd	H.Pence	1948	714	3,2	Kd	F2.0e	D,S	...	2,490	7-15-59	.....	770	96	7.8	Initial flow reported 15 gpm.
10bcbb	W.Parker	1946	638	2½,1¼	Kd2	F5.0m	D,S	53	2,230	10-15-59	1,294	890	87	7.8	Initial flow reported 20 gpm.
12abcb	E.Latza	1959	735	2	Kd	F3.3m	S	58	2,320	10-16-59	1,300	633	96	7.9	
12dddd	E.Latza	1918	180	2½	Kn-c	Cy	D,S	...	.....	10-16-59	1,310	.....	.....	...	
13bbcc	W.Jochims	a1920	a120	4	Kn-c	Cy	D,S	...	1,980	10-16-59	1,306	103	79	7.8	
13dd	E.Hewer	1943	475	2	Kd	F<0.2m	S	55	2,680	11-2-59	1,308	428	105	7.5	
14addd	J.Heinzman	a1929	620	1¼,1	Kd	F>3.2m	D,S	...	2,500	10-16-59	1,305	582	87	7.7	
14ccbb	F.Blindauer	1949	160	3	Kn-c	P	D,S	...	2,160	10-16-59	1,295	240	105	7.9	Water level reported 11 feet below land surface in 1957.
14ccba	F.Blindauer	b1903	578	2	Kd	.....	....	...	.....	.....	1,295	.....	.....	...	See log.
15c	E.Bowman	1961	202	2	Kn-c	Cy	D	...	.....	1-12-62	.....	.....	.....	...	See log. Water level reported 39 feet below land surface on July 17, 1961.
15cbd	A.Hurban	1952	160	....	Kn-c	J	D	54	2,310	1-17-60	1,305	166	98	7.6	See chemical analysis. Water level reported 30 feet below land surface in 1952.
15cccd	L.Jopp	1960	672	2,1¼	Kd	F20r	D	...	.....	10-29-60	1,311	.....	.....	...	See log.
15cdab	C.Moody	1959	157	2	Kn-c	Cy	D	...	.....	1-12-62	1,300	.....	.....	...	See log. Water level reported 42 feet below land surface on November 25 1959.
15cdbb	W.Irving	1959	157	2	Kn-c	Cy	D	...	.....	1-12-62	1,306	.....	.....	...	See log. Water level reported 34 feet below land surface on May 28, 1959.
15cddb	D.McClane	1958	181	2	Kn-c	P	D	...	2,040	12-27-61	1,305	428	175	7.7	See log. Water level reported 35 feet below land surface on July 12, 1958.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued.									
105-61 15cddd	E.VanLoecken	1958	156	2	Kn-c	Cy	D	...	.....	1-12-62	.....	.....	.....	...	See log. Water level reported 37 feet below land surface on July 5, 1959.
15dbcd	A.VanLoecken	1959	157	2	Kn-c	J	D	...	2,170	12-27-61	1,294	171	162	7.7	See log. Water level reported 35 feet below land surface on February 2, 1959.
15dbd	Town of Letcher	1936	806	3,2	Kd	F18.0m	N	60	2,450	5-2-56	1,288	616	125	7.7	Initial flow reported 55 gpm. Maintains level of municipal swimming pool.
15dcaa	Town of Letcher	1940	780	3,2	Kd	F3e	D,PS	...	.....	1-12-62	1,290	.....	.....	...	Supplies city hall and several stores.
15dcdc	Letcher School	1921	700	3	Kd	F15e	D,PS	...	2,470	12-27-61	1,303	514	125	7.7	
16bddd	J.McGraw	1954	637	3,2	Kd	F12.0m	S	57.5	2,530	4-27-61	1,308	325	131	7.7	Initial flow reported 18 gpm.
16dada1	O.Clark	1959	163	2	Kn-c	Cy	D,S	...	.....	4-27-61	1,307	.....	.....	...	See log. Water level reported 41 feet below land surface on July 11, 1959.
17aab2	H.Smith	1955	160	3	Kn-c	J	D,S	...	.....	2-9-61	1,303	.....	.....	...	Water level reported 25 feet below land surface in 1955.
17dddd1	USBR	1954	135	1	...	.....	T	...	.....	.....	1,302	.....	.....	...	See log.
18daa1	A.Larimer	1910	615	2	Kdl	C	D	...	2,790	7-24-59	1,315	120	96	7.8	Fx.
18daa2	A.Larimer	1946	830	3,2	Kd3	F20e	S	58	2,410	7-24-59	1,315	1,130	66	6.8	See chemical analysis.
19aadd	V.Godber	1954	160	3	Kn-c	Cy	S	51	2,230	10-5-59	1,312	68	262	8.0	Water level reported 26 feet below land surface in 1954.
19bccc	C.Godber	1909	454	2	Kg	F0.1e	S	61	.....	7-24-59	1,302	.....	.....	...	
19cbbb	C.Godber	1957	155	3	Kn-c	Cy	D,S	...	2,200	7-24-59	1,298	86	245	7.7	Water level reported 22 feet below land surface in 1957.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued.									
105-61 19dada1	C.Godber	1949	233	2	Kn-c	Cy	D,S	...	2,940	10-5-59	1,307	68	332	7.9	
19dada2	C.Godber	1959	227	3	Kn-c	J	D,S	...	.....	10-5-59	1,307	.....	.....	...	
20bbbb	USBR	1954	143	....	...	.....	T	...	.....	.....	1,314	.....	.....	...	See log.
20bddd	C.Johnson	....	500	2,1¼	Kdl	F1.3m	D,S	56	3,010	10-5-59	1,307	137	96	7.6	
20ccbb	C.Johnson	....	140	2	Kn-c	Cy	S	52	2,210	10-5-59	1,310	120	175	7.9	Water level reported 60 feet below land surface in 1957.
20dabb	W.Johnson	1950	592	2,1¼	Kd2	F6.0m	D,S	57	2,390	10-5-59	1,307	753	96	7.8	
22cc1	F.Bluhm	1958	150	4	Kn-c	Cy	D,S	...	.....	7-21-59	1,307	.....	.....	...	Water level reported 25 feet below land surface in 1958.
23aabb1	L.Walters	1951	180	3,2	Kn-c	Cy	D,S	...	1,660	10-16-59	1,303	120	87	7.7	Water level reported 50 feet below land surface in 1956.
23bbb	D.Swank	1894	580	3,2	Kd2	.....	...	...	.....	.....	1,303	.....	.....	...	See log. Flow reported 300 gpm in 1894.
23bbba	D.Swank	a1947	a150	2	Kn-c	Cy	D,S	...	2,340	10-16-59	1,303	137	87	7.8	
24abba	H.Jochims	a1945	550	2,1¼	Kd2	F2.6m	D,S	54	2,320	10-16-59	1,305	651	96	7.8	
24cbcc	F.Stach	1901	420	3,1	Kg	F0.1e	D,S	...	.....	10-16-59	1,302	.....	.....	...	
25bbbb	L.Stach	1955	540	3,2	Kd2	F 3.0	D,S	56	2,480	10-19-59	1,301	702	96	7.6	
25dddd	USGS	1960	65	....	...	.....	T	...	.....	9-20-60	1,302	.....	.....	...	See log. Water level measured 12.5 feet below land surface.
26aaaa	USGS	1960	87	....	...	.....	T	...	.....	9-20-60	1,300	.....	.....	...	See log. Dry hole.
26bb	F.Parce	1918	420	2	Kg	F0.25m	D,S	...	3,120	7-16-59	1,312	223	96	7.5	Initial flow reported 0.75 gpm.
26ccd2	R.Peterson	1949	120	2	Ql	Cy	D,S	...	2,410	7-16-59	1,307	496	79	7.8	
26dddd	USGS	1960	117	.....	...	.....	T	...	.....	9-20-60	1,303	.....	.....	...	See log.
27dddd2	L.Selland	1961	111	2	Ql	J	S	...	.....	12-27-61	1,307	.....	.....	...	See log. Water level reported 26 feet below land surface April, 1961.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued.									
105-61															
28aaa2	R &L VanLoecken	1949	111	3,2	Ql	Cy	D,S	...	2,270	7-24-59	1,304	616	166	7.4	Water level reported 23 feet below land surface in 1961.
29aadc	W Johnson	b1904	683	....	Kd	.....	...	...	.....	.....	1,302	.....	.....	...	See log.
29bcbb	A McDonald	a1920	160	2	Kn-c	Cy	D,S	...	2,150	10-5-59	1,311	86	254	7.9	Water level reported 10 feet below land surface.
30dccc	M Runestad	1925	120	3	Kn-c	Cy	D,S	...	.....	10-1-59	1,290	.....	.....	...	Water level reported 8 feet below land surface.
31addd	A McDonald	a1900	349	2	Kg	F0.2e	S	54	2,800	10-5-59	1,300	86	114	7.9	
31cccc	SDGS	1961	100	....	...	.....	T	...	.....	10-27-61	1,308	.....	.....	...	See log. Water level measured 8.3 feet below land surface.
31daaa1	J Berg	1959	190	4	Kn-c	P	D	...	2,850	10-1-59	1,301	86	368	7.7	
32dddd	USBR	1954	105	....	...	.....	T	...	.....	.....	1,308	.....	.....	...	See log.
33cdcc	W Comstock	1950	189	....	Kn-c	Cy	D,S	...	2,700	10-5-59	1,307	103	323	7.9	
35aaad1	J Hoffman	1951	157	3	Kn-c	Cy	D,S	...	3,030	10-19-59	1,306	302	45	8.0	See chemical analysis.
35aaad2	J Hoffman	a1942	a365	1½	Kg	F1.0m	S	55	2,360	10-19-59	1,306	1,120	63	6.8	See chemical analysis.
35bbab	O Fouberg	b1930	323	2	Kg	F0.5e	D,S	62	2,340	7-16-59	1,305	770	96	7.7	
35bbbb	USGS	1960	87	....	...	.....	T	...	....	9-21-60	1,305	.....	.....	...	See log.
35cbcb	R Fouberg	1956	514	3,2	Kd3	F12.5e	D,S	...	2,360	7-16-59	1,307	1,027	87	7.4	Initial flow reported 52 gpm.
36baba	A Alt	1955	187	3	Kn-c	Cy	D,S	...	2,380	10-19-59	1,300	257	114	7.6	
36cccc	USGS	1960	60	....	...	.....	T	...	.....	9-21-60	1,307	.....	.....	...	See log. Dry hole.
105-62															
1aabb2	M Enfield	1954	170	3	Kn-c	Cy	D,S	...	2,330	10-6-59	1,317	120	254	7.7	Water level reported 41 feet below land surface in 1954.
1cbcb1	E Titus	1949	159	....	Kn-c	J	D,S	...	2,550	10-7-59	1,307	103	332	7.8	
2addd1	M Enfield	a1909	650	2	Kdl	F1.1m	D,S	56	2,800	10-6-59	1,313	103	96	7.5	

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued.									
105-62 2cc1	G.Johnson	b1904	610	2	Kdl	F0.25m	S	...	2,790	7-23-59	1,290	51	96	8.0	
3cbbb	USGS	1960	107	....	...	.....	T	...	.....	7-16-60	1,296	.....	.....	...	See log.
3cccc	USGS	1960	120	....	...	.....	T	...	.....	7-16-60	1,300	.....	.....	...	See log.
4ca1	J.Regynski	1954	570	3,2	Kd	F1.0m	S	58	.....	7-23-59	1,295	.....	.....	...	Initial flow reported 17 gpm.
4daa	J.Regynski	1946	585	3,2	Kd2	F1.0m	D,S	55.5	2,540	7-23-59	1,303	479	114	7.8	Initial flow reported 5 gpm.
5bbba1	R.Brewer	a1913	500	2	Kd	F0.25m	S	51	2,570	9-29-59	1,346	.....	.....	...	
5cccd1	M.Fristed	1948	160	2½	Kn-c	Cy	D,S	...	2,820	9-29-59	1,324	.....	.....	...	
6acbb1	L.Hollister	1940	600	2	Kd3	F4.0m	S	58	2,230	9-29-59	1,340	1,061	79	7.7	
6bcbb1	L.Hollister	1953	150	....	Kn-c	J	D,S	...	.....	9-29-59	1,330	.....	.....	...	
7bbaa2	L.Godfrey	b1903	a379	2	Kg	F0.7m	S	52	3,020	9-29-59	1,336	.....	.....	...	See log.
7ccd1	H.Digerness	1917	585	2	Kd	F1.9	S	54	1,920	9-28-59	1,335	342	96	7.6	
7dddd1	C.Digerness	1947	140	2	Kn-c	Cy	S	51	2,670	9-29-59	1,324	.....	.....	...	
8aabd1	I.Jensen	1946	566	2½,1¼	Kd	F2.1m	D,S	54	2,390	9-30-59	1,299	377	105	7.2	Initial flow reported 8 gpm.
8baaa	C.Hutton	a1900	385	2	Kg	F2r	D,S	49.5	2,800	12-27-61	1,327	171	138	7.8	
8bccc1	Heljeson School	a1925	181	....	Kn-c	Cy	D	52	2,210	9-29-59	1,334	.....	.....	...	
8cbcb1	L.Heljeson	a1895	181	2	Kn-c	Cy	D,S	...	.....	9-30-59	1,330	.....	.....	...	
9aaac1	T.Selland	b1910	500	1½	Kdl	F0.73m	S	52	2,680	9-29-59	1,302	51	105	8.2	
10bccc	USGS	1960	120	....	...	.....	T	...	.....	7-15-60	1,310	.....	.....	...	See log.
10cccc	USGS	1960	115	....	...	.....	T	...	.....	7-15-60	1,302	.....	.....	...	See log.
10cdcc1	T.Nelson	1956	657	2½,1½	Kd3	F15.0m	S	...	2,340	7-23-59	1,304	1,027	87	7.8	See log. Initial flow reported 15 gpm.
10cdcc2	T.Nelson	1956	147	3	Kn-c	J	D	...	2,900	7-23-59	1,304	68	350	7.9	Water level reported 37 feet below land surface in April, 1956.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
105-62															
11ddcc1	L.Edwards	1919	450	1¼	Kg	Fu	D,S	...	.....	10-6-59	1,288	.....	.....	...	
12aaaa1	E.French	a1910	450	2	Kg	F0.6m	S	...	2,390	10-6-59	1,315	86	96	7.2	
12bccc1	D.Jones	b1900	650	2	Kdl	F1.3m	D,S	54	2,840	10-7-59	1,308	68	105	8.1	
13aabc1	A.Berg	1908	570	1¼	Kd	F<0.2r	N	...	.....	10-7-59	1,300	.....	.....	...	
13abbd1	R.Edwards	1941	a700	3,1¼	Kd3	F6.0m	S	...	2,370	10-6-59	1,305	1,061	96	7.7	
13abbd2	R.Edwards	1957	147	4	Kn-c	Cy	D,S	...	2,780	10-6-59	1,305	68	280	8.1	
13cac1	A.Berg	1959	820	2	Kd3	F60.0m	S	61	2,300	10-6-59	1,275	1,233	96	7.8	
13cddc1	A.Berg	1957	120	3	Kn-c	J	D	...	2,330	10-6-59	1,285	45	253	7.8	See chemical analysis. Water level reported 17 feet below land surface in 1957.
13dddc1	A.Berg	1951	153	3	Kn-c	J	D	...	2,170	10-6-59	1,307	68	219	8.0	Water level reported 20 feet below land surface in 1951.
13dddc2	A.Berg	1947	831	2	Kd3	F25e	S	58	2,430	10-6-59	1,307	1,010	79	7.7	Initial flow reported 35 gpm.
13dddc3	A.Berg	a1890	475	1¼	Kd	F<0.1e	S	...	.....	10-6-59	1,307	.....	.....	...	
14abbb1	Mayhew School	a1954	140	2	Kn-c	Fu,Cy	D	...	2,360	10-6-59	1,280	120	332	7.7	Flows; casing tapped by drain about 6 feet below land surface.
14bbb1	B.Uhre	1955	580	2,1¼	Kdl	F3.1m	D,S	55	2,710	10-5-59	1,295	154	87	8.1	See log. Initial flow reported 15 gpm.
14ddcd1	B.Uhre	1957	168	3	Kn-c	Cy	D,S	...	2,250	10-5-59	1,298	120	298	7.6	
15aaad	C.Heminger	1909	560	2	Kdl	F3.9m	D,S	55	2,620	10-7-59	1,302	205	105	6.6	
15cb1	N.Heljeson	a1910	620	1¼	Kdl	F2e	D	55.5	2,710	7-23-59	.....	188	87	8.0	
16baba1	L.Brewer	b1920	a150	2½	Kn-c	Fu,Cy	D,S	...	2,570	10-1-59	1,306	.....	.....	...	Flows when not pumped.
16cddb1	A.Selland	1914	560	2	Kdl	F2.5m	S	55	2,680	9-29-59	1,315	240	96	7.7	
16daad	USGS	1960	110	....	...	.....	T	...	.....	7-15-60	1,302	.....	.....	...	See log.
17cbcc1	C.Digerness	a1947	724	2,1½	Kd3	F20r	S	55	2,210	9-29-59	1,340	1,164	96	7.6	Initial flow reported 30 gpm.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
105-62 17cbcc2	C.Digerness	1947	a140	....	Kn-c	J	D	...	2,580	9-29-59	1,340	.....	.....	...	
17dadd1	A.Selland	1903	470	2	Kd	F0.4m	S	56	2,590	9-29-59	1,337	.....	.....	...	Initial flow reported 4 gpm.
17ddaa	A.Selland	1950	150	3	Kn-c	J	D	...	.....	9-29-59	1,136	.....	.....	...	
18aaab1	H.Digerness	b1910	575	2	Kd	Fu	D,S	...	.....	9-30-59	1,336	.....	.....	...	
19adaa1	A.Selland	1958	150	3	Kn-c	J	D	...	2,560	9-30-59	1,336	68	289	7.8	Water level reported 22.5 feet below land surface in 1958.
19baaa2	L.Johnson	1956	140	2	Kn-c	J	D	...	1,890	9-30-59	1,338	.....	.....	...	
19dada1	A.Selland	1949	150	2	Kn-c	Cy	S	...	.....	9-29-59	1,342	.....	.....	...	
20cbbc1	A.Selland	1958	158	3	Kn-c	Cy	S	...	.....	9-29-59	1,340	.....	.....	...	
20cbcb1	A.Selland	1924	150	3	Kn-c	J	D,S	...	2,220	9-29-59	1,341	.....	.....	...	
20cbcb2	A.Selland	1915	a700	2	Kd	F3.2m	S	57	2,400	9-29-59	1,341	68	262	7.8	Water level measured 19.72 feet below land surface.
20cbcb3	A.Selland	1947	150	4	Kn-c	N	N	...	.....	9-29-59	1,341	.....	.....	...	
21aaaa	USBR	1954	125	....	...	.....	T	...	.....	.....	1,301	.....	.....	...	See log.
21aabb1	T.Selland	1948	a600	2,1½	Kd	F4.5m	D,S	...	.....	9-29-59	1,308	.....	.....	...	
21dc1	E.Selland	....	800	3	Kd3	F5e	D,S	...	2,380	7-28-59	1,332	1,387	105	7.2	
22dcdc1	B.Mulder	1950	150	2	Kn-c	P	D,S	...	2,710	9-28-59	1,303	68	289	7.9	Water level reported at land surface.
23aabb1	W.MacIntyre	a1940	820	2½	Kd3	F2.0m	D,S	56	2,430	10-6-59	1,303	1,079	96	8.0	
23cccc2	M.Godbur	1956	160	2	Kn-c	P	D,S	...	2,830	10-5-59	1,303	103	289	7.9	Water level reported 4 feet below land surface in 1956.
23ddaa1	M.Godbur	1942	531	2,1¼	Kdl	Fu	D,S	54	2,940	10-5-59	1,298	154	96	7.5	Initial flow reported 15 gpm.
23ddaa2	M.Godbur	1961	142	2	Kn-c	Cy	D,S	...	2,250	12-27-61	1,298	137	307	7.7	See log. Water level reported 23 feet below land surface in April, 1961.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued.									
105-62															
24aaac1	C Hawk	1912	480	2	Kdl	F0.7m	D,S	52	2,950	10-1-59	1,308	120	87	7.8	
24bacc1	C Heminger	a1952	a180	2	Kn-c	F0.8m	S	51	2,190	10-5-59	1,275	86	262	7.8	
24ddda1	A Horda	1938	a90	3½	Kn-c	F1.2m	S	52	2,410	10-1-59	1,270	.....	.....	...	
25dcbb1	J Berg	1955	805	4	Kd3	F>15e	S	59	2,220	10-1-59	1,291	1,335	96	7.7	See log. Initial flow reported 50 gpm.
25dccc2	J Berg	1952	110	4	Kn-c	J	D	...	2,360	10-1-59	1,293	.....	.....	...	Water level reported 17 feet below land surface in 1952.
26adaa1	H Cristopher	1910	462	2	Kdl	F1.5m	S	...	3,060	7-17-59	1,302	103	105	8.0	
27bbab1	A Ettswald	1937	160	2	Kn-c	Cy	N	...	.....	10-6-59	1,305	.....	.....	...	
27dd1	C Estabrook	1951	144	3	Kn-c	Fu,Cy	D,S	...	2,730	7-17-59	1,310	68	315	7.9	
28aada	USGS	1961	152	....	....	.....	T	...	.....	10-18-61	1,313	.....	.....	...	See log. Water level measured 5.6 feet below land surface.
28add1	H Christopher	1910	500	2	Kd2	F0.5m	S	...	2,540	7-17-59	1,323	565	79	7.8	
28add2	H Christopher	1951	161	3,2	Kn-c	Cy	D,S	...	2,290	7-17-59	1,323	120	219	7.6	Water level reported 12 feet below land surface in 1951.
28bccb1	J Davis	1948	178	2	Kn-c	Cy	S	...	.....	9-28-59	1,345	.....	.....	...	
28dddd1	A Luglan	....	a100	2	Kn-c	Cy	D	...	2,590	7-17-59	1,319	68	271	7.9	
30ddd1	M Runestad	1919	a170	3	Kn-c	Cy	D,S	...	2,060	9-26-59	1,355	.....	.....	...	Water level reported 21 feet below land surface.
31cccd1	O &M Runestad	b1920	160	2½	Kn-c	Cy	D	...	.....	9-26-59	1,357	.....	.....	...	Water level reported 12 feet below land surface.
31cccd2	SDGS	1961	140	....	...	.....	T	...	.....	10-27-61	1,354	.....	.....	...	See log. Water level measured 25.2 feet below land surface.
32aaad1	F Smith	1928	a350	3	...	F0.5m	S	53	2,090	9-28-59	1,351	.....	.....	...	
32bbbc1	W Mathis	1930	180	3	Kn-c	J	D	...	2,570	9-28-59	1,357	51	236	8.0	Water level reported 22 feet below land surface in September, 1959.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued.									
105-62															
32bbcb1	W.Mathis	1959	742	1¼	Kd3	F7.5m	S	59	2,440	9-28-59	1,356	1,330	79	7.0	See chemical analysis. Copper casing.
33bccb1	M.Uhre	1955	140	3	Kn-c	Cy	D,S	...	2,190	9-28-59	1,338	79	203	7.7	See chemical analysis. Water level reported 26 feet below land surface in 1955.
33bccb2	M.Uhre	a1888	564	1¼	Kd	F0.45m	S	52	2,410	9-28-59	1,338	.....	.....	...	
33ccdb1	M.Uhre	1913	600	2	Kdl	F0.1m	S	55	2,390	9-28-59	1,340	257	105	7.8	
33ccdc1	M.Uhre	1953	163	3	Kn-c	Cy	D,S	...	2,450	9-28-59	1,340	.....	.....	...	Water level reported 10 feet below land surface.
33dcdd2	M.Uhre	1955	150	4	Kn-c	Cy	D,S	...	2,630	7-17-59	1,326	68	245	7.9	
34abab2	W.Shay	1949	140	.....	Kn-c	Cy	D,S	...	2,700	7-23-59	1,307	86	323	7.9	
34bbb1	C.Larson	1958	557	2,1¼	Kd2	F3.0e	D,S	...	2,590	7-17-59	1,318	445	87	7.7	Initial flow reported 5 gpm.
34cccc1	USBR	1954	110	.....	...	.....	T	...	.....	.....	1,329	.....	.....	...	See log.
34dab1	D.Shay	1926	560	2	Kd2	F1.0m	D,S	...	2,530	7-23-59	1,314	308	105	8.1	
35abab2	A.Horda	1951	146	.....	Kn-c	P	D	...	2,650	10-1-59	1,310	.....	.....	...	
35dadb1	L.Berg	1959	130	4	Kn-c	T	D,S	...	.....	10-1-59	1,305	.....	.....	...	Water level reported 15 feet below land surface.
35ddcc1	L.Berg	1894	397	2½	Kg	F<0.2	S	...	.....	10-1-59	1,306	.....	.....	...	Initial flow reported "100 bbl/day."
36babb1	J.Berg	1956	150	4	Kn-c	J	D	...	.....	10-1-59	1,294	.....	.....	...	
106-59															
1ccba	L.Weabee	1956	135	2½	Qa	F18m	S	50	2,250	2-10-60	.....	715	74	7.4	See chemical analysis.
1dddc1	R.Looby	a1930	105	4	Qa	F2.1m	S	50	2,200	9-24-59	.....	753	105	7.5	
2addc2	E.Looby	1957	120	2	Qa	F20.0m	S	50	2,160	9-30-59	.....	668	.....	...	Initial flow reported 45 gpm.
2bbac1	R.Baade	1943	123	1	Qa	F1.8m	S	50	2,140	9-4-59	.....	.....	.....	...	Copper casing.
2cbda1	E.Abild	1959	120	2	Qa	F6.0m	S	49	2,150	9-29-59	.....	668	.....	...	
3add1	W.May,Sr.	1958	120	2	Qa	F3.5m	D,S	49	2,140	9-30-59	1,313	719	105	7.4	Initial flow reported 12 gpm.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued.									
106-59 3cbc1	L.Thomas	1944	40	1½	Qa	Fs	S	...	.....	9-26-59	.....	.....	.....	...	
3ccc1	L.Thomas	b1942	25	2½	Qa	Cy	D	...	2,190	9-29-59	.....	822	96	7.1	Water level reported 2.5 feet below land surface.
3dcc1	H.Stabelfeldt	....	130	2	Qa	F6.0m	D,S	49	2,200	9-26-59	.....	702	105	7.2	
4bdd1	M.Dowdell	1958	920	3	Kd3	F>30r	S	...	2,480	9-30-59	.....	.....	.....	...	
4bdd3	M.Dowdell	1955	240	1½	Kn-c	Cy	D	...	.....	9-30-59	.....	.....	.....	...	
4cb	City of Artesian	1930	265	....	Kn-c	Cy	PS	51	.....	7-7-59	.....	.....	.....	...	Furnishes water for municipal swimming pools
4dacc	F.Fiala	1960	158	2	Qa	Fs	S	...	.....	1-12-62	1,307	.....	.....	...	See log. Initial flow reported 1 to 2 gpm.
5bbbc	F.Ferguson	1957	135	2	Qa	Cy	S	47	1,450	5-26-60	1,343	377	105	8.3	Water level reported 9 feet below land surface in 1957.
5ccbd2	E.Brown	b1904	156	....	.....	.....	...	...	.....	.....	1,320	.....	.....	...	See log.
5dcc1	E.Brown	1949	276	3	Kn-c	Cy	D,S	...	2,600	10-1-59	.....	51	131	8.3	
5ddd1	A.Fairfield	a1910	a200	1½	Kn-c	Cy	D,S	...	2,640	10-1-59	.....	68	122	7.8	
6bbc1	E.Brown	1956	130	3,2	Qa	Cy	S	50	2,110	10-1-59	1,314	.....	.....	...	See log. Fs intermittently.
7cbba1	E.Bennett	a1940	500	2,1	Kg	F2.0r	D,S	...	2,860	9-10-59	.....	120	122	7.7	
7cbba2	E.Bennett	a1930	60	3,2	Qa	Cy	S	...	2,500	9-10-59	.....	753	140	7.8	Fx. Water level measured 22.2 feet below land surface.
8cccb	K.McKillop	1960	700	2,1¼	Kd1	F3.5m	S	58	2,700	9-11-61	1,308	188	138	7.8	See log. Initial flow reported 12 gpm.
9aaad	E.Eggert	1960	185	2,1½	Kn-c	P	D	...	.....	10-3-60	1,315	.....	.....	...	See log. Water level reported 11 feet below land surface.
9aada	City of Artesian	1949	850	4,2¼	Kd	F20r	PS	...	.....	2-6-60	1,315	.....	.....	...	Initial flow reported 25 gpm.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued.									
106-59 9acbc	I.Kuborn	1958	267	5,2	Kn-c	J	D	...	.....	12-10-58	1,315	.....	.....	...	See log. Water level reported 12 feet below land surface.
9adba	Artesian School	1924	760	1¼	Kd	F34,P	PS	...	.....	8-7-59	1,315	.....	.....	...	
9babc	City of Artesian	1902	708	6,2½	Kd	Fu	PS	60	.....	.....	.....	.....	.....	...	See log. Initial flow reported 125 gpm.
10abab1	F.Bitcher	1911	760	....	Kdl	F3.0m	S	58	2,780	9-24-59	.....	171	105	7.8	
10dadc	J.Reubendall	1941	700	2½	Kdl	F1.3m	S	57	2,800	9-24-59	1,310	154	163	7.7	
11bbbb	G.Bennett	....	a90	3	Qa	F5e	S	49.5	2,200	9-24-59	.....	.....	.....	...	
12aaaa	USGS	1961	140	....	...	.....	T	....	.....	7-18-61	1,315	.....	.....	...	See log. Water level measured 3.2 feet below land surface.
12baad	D.Jones	a1910	90	....	Qa	F1.4m	S	51	2,140	9-24-59	.....	839	105	7.8	
12dccc	D.Jones	a1940	445	2	Kg	F1.3m	D,S	55	2,720	9-23-59	.....	102	188	8.3	
13cba1	E.Hein	1959	647	3	Kdl	F15.0m	S	57	2,750	9-28-59	.....	.....	.....	...	
13dbdd	R.Threadgold	1961	137	....	...	.....	T	...	.....	1-10-62	.....	.....	.....	...	See log.
13dcd1	R.Threadgold	1916	660	3	Kdl	F2.6m	S	55	2,780	9-29-59	.....	188	122	7.8	
13ddbc	R.Threadgold	1961	122	....	...	.....	T	...	.....	1-10-62	.....	.....	.....	...	See log.
13dddb	R.Threadgold	1961	137	....	...	.....	T	...	.....	1-10-62	.....	.....	.....	...	See log.
13dddd	USGS	1961	152	....	...	.....	T	...	.....	10-18-61	1,318	.....	.....	...	See log. Water level measured 5.6 feet below land surface.
14adb1	E.Hein	1934	663	2	Kdl	F7.5m	D,S	...	2,800	9-28-59	1,318	68	114	8.2	
15cacc	R.Fiala	1959	110	2	Qa	F4r	S	49	2,320	4-27-61	1,305	788	140	7.0	See log.
15cccc1	R.Fiala	1911	578	3	Kdl	F3.5m	D,S	55	2,840	9-17-59	1,319	68	105	7.9	
16addd	E.Looby	1955	120	2	Qa	F3.0m	S	51	2,420	8-9-60	1,304	959	131	7.8	Initial flow reported 17 gpm.
16bbab1	E.Looby	1954	850	4	Kd3	F9.0m	D,S	58	2,580	9-17-59	1,318	993	158	7.8	
17aaaa2	R.Peer	a1894	692	2	Kd	Fu	D,S	54	2,740	9-17-59	1,318	325	122	7.9	See log.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued.									
106-59 17cccc1	F.Olwell	1956	90	2	Qa	F3.0m	D,S	50	2,420	9-11-59	1,291	719	122	7.8	
18aaab	K.McKillop	a1895	701	....	Kd	.....	...	...	.....	.....	1,312	.....	.....	...	See log.
18aaac2	K.McKillop	1957	a145	2	Qa	J	S	...	2,350	9-11-59	1,312	719	114	7.8	
18aaad1	K.McKillop	1960	745	....	Kd	.....	N	...	.....	.....	1,312	.....	.....	...	See log.
18aaad2	K.McKillop	1960	260	4,2	Kn-c	J	D,S	...	2,600	12-27-61	1,312	68	162	7.9	See log.
18ccba1	F.Tysdale	1959	660	2	Kdl	F4.2m	S	56	2,760	8-27-59	1,300	240	105	7.8	
18dca1	F.Tysdale	1955	625	2	Kd	F7.5m	S	58	.....	8-27-59	1,290	.....	.....	...	
22ddcc1	W.Peterson	b1942	a475	1½	Kg	F2.0m	D,S	55	2,760	9-29-59	1,322	274	105	8.2	
23ccc1	W.May,Jr.	1940	594	2½,1¼	Kdl	F3.3m	S	55	2,810	9-29-59	1,325	171	114	7.9	Initial flow reported 10 gpm.
23ddd1	E.Hein	1955	a125	....	Qa	Cy	S	49	2,170	9-28-59	.....	544	101	7.4	See chemical analysis. Water level reported 15 feet below land surface in 1955.
24cbb1	E.Hein	1958	610	2	Kdl	F4.0m	D,S	...	2,790	9-28-59	1,328	223	140	7.6	See log. Initial flow reported 5 gpm.
24ddd1	M.Kraft	1954	545	2½,1½	Kdl	F4.5m	D,S	53	2,870	9-29-59	.....	223	140	7.6	Initial flow reported 6 gpm.
25bab1	W.Jensen	1959	520	3,2	Kdl	F12.0m	S	55	2,770	9-29-59	.....	751	149	7.7	
25cdcc	Mitchell	1949	506	3,2	Kd	F1.6m	S	53.5	2,670	7-27-60	.....	734	166	7.7	Initial flow reported 7 gpm.
26aabb1	W.Jensen	1948	560	3,1¼	Kdl	F4.0m	D,S	...	2,730	9-29-59	1,319	205	166	7.8	
26aabb3	W.Jensen	1887	100	2	Qa	.....	...	...	.....	.....	1,319	.....	.....	...	See log. Flowed "5 bbl/hr" in 1895.
26cbbb	A.Hanson	1915	592	2	Kdl	F2.2m	D,S	54.5	2,820	7-27-60	1,324	223	131	7.8	
26dbb	R.Hamm	1954	410	2	Kg	F<1.0	S	52	2,880	7-27-60	1,315	396	107	7.1	See chemical analysis. Initial flow reported 15 gpm.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued.									
106-59 27dada	Vlieger Bros.	1940	557	2½,1¼	Kdl	Fu	D,S	54	2,780	7-27-60	1,324	274	114	8.5	Initial flow reported 9 gpm.
28ccda	J.Scott	1948	385	2	Kg	F6.0m	S	55	2,700	7-25-60	1,314	907	166	7.3	
28ddad	J.Scott	1948	420	2	Kg	F2.4	D,S	54	2,710	7-25-60	1,324	751	158	7.1	
29aaba1	C.Rozum	1942	235	3	Kn-c	Cy	D,S	....	2,430	9-23-59	1,308	685	131	7.8	
29bbaa1	M.Mohawold	.....	600	1¾	Kd	F2.2m	D,S	...	2,620	9-15-59	1,297	1,130	175	7.6	Copper casing.
31abab	H.Rogiers	1959	545	2	Kdl	F5.0m	D,S	56	2,980	7-28-60	1,292	188	114	8.2	
31dadd1	W.Grunewaldt	1958	515	2	Kd	F>8.5	D,S	57	2,730	7-27-60	1,298	959	183	7.4	See log. Initial flow reported 25 gpm.
32cddd	A.Stratman	1958	540	2	Kd	F4.25m	D,S	56	2,690	7-25-60	1,311	959	183	7.4	
33ccbc	C.Boysen	1953	476	2½,1½	Kd	F7.5m	D,S	56	2,710	7-25-60	1,322	907	175	7.3	Initial flow reported 30 gpm.
34abbb	A.Scott	1919	555	2,1¼	Kd	F0.8m	D,S	54	2,720	7-25-60	1,322	514	131	7.6	
34dab	A.Scott	1955	547	2	Kd	F3.3m	S	54	2,560	7-25-60	1,315	839	149	7.7	Initial flow reported 8 gpm.
35aaba	A.Pody	1959	525	2	Kd	F2.1m	D,S	54.5	2,730	7-27-60	1,328	719	158	7.9	
35ddcb	A.Scott	1955	545	2	Kd	F6.0m	S	54	2,610	7-25-60	1,320	914	126	7.2	See chemical analysis.
36bccc	C.Moody	1955	574	3,2	Kd	F6.0m	S	54.5	2,720	7-27-60	.....	651	131	7.7	Initial flow reported 10 gpm.
106-60 1aaa	H.Wise	1955	833	3,1½	Kd	F3.0m	D,S	59	2,580	10-1-59	1,312	753	131	7.3	See log. Initial flow reported 28 gpm. Copper casing.
1aaab	SDGS	1961	140	....	...	.....	T	...	.....	10-18-61	1,315	.....	.....	...	See log. Water level measured 16.6 feet below land surface.
1bcbb2	D.Jones	1954	948	3,1½	Kd	F>5.5	D,S	60	2,620	4-26-60	.....	942	175	7.9	Initial flow reported 45 gpm.
1ccab1	D.Jones	1958	110	2½	Qa	F3.5m	S	50	2,340	4-26-60	.....	497	88	7.5	See chemical analysis. Initial flow reported 10 gpm.
1ccab2	D.Jones	a1935	a115	1¼	Qa	F0.2m	N	...	.....	4-26-60	.....	.....	.....	...	

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued.									
106-60 1dcdd2	W.Hosmer	1959	190	3,1½	Kn-c	Cy	D,S	50	2,340	8-11-60	1,315	531	105	7.3	See log. Water level reported 14 feet below land surface February 10, 1959.
2dac	H.Laude	1959	125	2½	Qa	F5.0m	S	50	2,280	4-26-60	.....	377	131	7.8	
3cbcb	W.McCarthy	1953	735	2½,1¼	Kd2	F4.0m	D,S	58	2,390	4-27-60	1,291	396	114	8.1	Initial flow reported 10 gpm.
3dccd1	G.Nelson	a1922	600	1¼	Kdl	F0.6m	S	55	2,970	4-27-60	1,299	103	105	8.2	
4bd	A.Jansen	1955	670	2	Kdl	Fu	S	...	2,720	4-27-60	1,282	291	105	8.2	
4dddb	D.Rogers	1955	171	2½,2	Kn-c	J	N	...	.....	6-8-60	1,293	.....	.....	...	See log. Water level reported 65 feet below land surface November 9, 1955.
5addc	O.Shefsky	a1917	740	2	Kdl	F0.2m	D,S	55	2,850	4-27-60	1,291	103	131	8.1	
6babb	C.Tlustos	a1955	345	3,2	Kg	F12.0m	S	53	3,050	4-27-60	1,240	68	70	8.2	Initial flow reported 20 gpm.
7adad2	C.Tlustos	1950	720	3,1½	Kd2	F>3.0m	D,S	58	2,320	4-27-60	1,283	599	105	7.9	Initial flow reported 20 gpm.
7cacc1	M.Jopp	1893	160	2	Kn-c	.....	...	...	.....	.....	1,230	.....	.....	...	See log. Initial flow reported "8 1/3 bbb/hr."
7ccab	M.Jopp	1955	114	2	Kn-c	F2e	S	...	.....	8-5-59	1,226	.....	.....	...	See log.
8aadc	R.Jopp	1912	596	2	Kdl	F1.5m	D,S	54	2,900	4-27-60	1,283	68	114	8.2	
8bccb	E.Tlustos	1912	a715	¾	Kd2	F2.0m	D,S	58	2,590	4-27-60	1,283	548	114	8.0	Copper casing.
9aaaa2	D.Rogers	1950	127	2	Kn-c	J	D	...	2,050	8-11-60	1,285	51	175	7.8	
9bbac1	L.Ellingson	1912	740	3	Kd2	F4.2m	D,S	55	2,690	1-10-62	1,290	565	114	8.1	
9bbac2	L.Ellingson	1961	167	3	Kn-c	Cy	D,S	...	2,240	1-10-62	1,290	137	225	7.8	See log. Water level reported 65 feet below land surface on September 18, 1961.
9ccdd1	A.Ellingson	1946	693	3	Kd2	F1.1m	D,S	54	2,730	8-5-59	1,300	428	105	7.8	

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued.									
106-60 9ccdd2	A.Ellingson	1961	188	2½,1½	Kn-c	J	D,S	...	2,290	1-10-62	1,300	103	200	7.8	See log. Water level reported 65 feet below land surface on September 22, 1961.
10aacd	R.Nelson	1948	150	3	Kn-c	Cy	S	...	.....	9-10-59	1,291	.....	.....	...	
10cddd1	J.Turner	1957	a750	2	Kd2	F1.2m	D,S	56	2,700	9-10-59	1,300	599	96	7.2	
11baaa	W.Hoffman	.....	130	2½	Qa	J	D,S	...	2,400	4-26-59	1,291	308	114	7.6	Fx. Flow of 2.5 gpm reported June 18, 1947. Water level reported less than 8 feet below land surface.
11bada	W.Hoffman	1957	130	2	Qa	F0.7m	S	49	2,310	4-26-59	1,291	274	131	7.6	
13aaa	J.Rubendall	1959	860	2½	Kd3	F30e	S	61	2,710	9-10-59	1,295	1,027	219	...	
13caab	V.McCarthy	1958	124	2	Qa	Fu	S	...	.....	1-10-62	1,297	.....	.....	...	See log. Initial flow reported 25 gpm with casing 1 foot above ground. Water level reported 5 feet above land surface on June 4, 1958.
13cddc	V.McCarthy	1958	148	2½,1½	Kn-c	J	D,S	...	2,470	9-15-59	1,300	291	150	7.6	See log. Water level reported 9 feet below land surface on June 3, 1958.
14baba	R.Nelson	1949	790	1	Kd3	Fu	D,S	...	2,640	9-10-59	1,293	993	192	7.2	Initial flow reported 30 gpm. Copper casing.
16babb	A.Ellingson	1954	170	2½,2	Kn-c	Cy	S	...	2,310	8-5-59	1,297	86	210	7.6	Water level reported 58 feet below land surface in 1954.
16dbaa1	W.Kromer	1958	812	3,2	Kd3	F9.0m	S	60	2,620	7-22-59	1,298	976	140	7.5	
17bbbd2	C.Cassens	....	780	¾	Kd2	F1e	D,S	57	2,730	8-5-59	1,290	514	105	7.6	Copper casing.
17ddbb	L.Smith	a1954	734	3	Kd2	F6.4m	S	61	2,660	8-5-59	1,290	625	91	7.4	See chemical analysis.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
106-60 18bdaa	L.Cassens	1940	627	¾	Kd2	F3.0m	D,S	56	2,780	8-5-59	1,230	394	105	7.6	Initial flow reported 6 gpm. Copper casing.
18dacb	L.Cassens	1954	740	3,2	Kd	F0.5m	S	54	.....	8-5-59	1,227	.....	.....	...	Initial flow reported 18 gpm.
20ccdd	A.Mark,Jr.	1949	570	2	Kdl	Fu	D,S	60	2,910	8-4-59	1,286	223	96	7.8	Initial flow reported 18 gpm.
20dbaa	L.Smith	1952	65	3	Kn-c	F5.0m	D,S	50	.....	8-5-59	1,230	.....	.....	...	
20dadc	L.Smith	1903	660	2	Kd	F0.4m	S	55	.....	8-5-59	1,235	.....	.....	...	Initial flow reported 60 gpm.
22adaa	L.Wendell	1918	a485	2	Kg	F3.0m	D,S	57	2,820	9-11-59	1,288	171	105	8.3	
23cccb	H.Buzay	1950	704	2,1¼	Kd2	F2.4m	D,S	58	2,610	9-9-59	1,283	565	122	7.7	Initial flow reported 5.6 gpm.
23dcdc	L.Sundstrom	a1915	150	3	Kn-c	Cy	S	...	.....	9-9-59	1,285	.....	.....	...	
24aacc	M.Schmit	1959	130	3	Kn-c	F2.2m	S	50	2,330	9-11-59	1,290	154	93	7.4	See chemical analysis.
24cbbc	C.Johnson	1944	560	2½,1¼	Kdl	F0.9m	D,S	55	2,940	9-11-59	1,294	103	105	7.8	Initial flow reported 7 gpm.
25aacb	G.Bennett	....	a80	1¼	Qa	F0.9m	S	50	.....	9-11-59	1,270	.....	.....	...	
25baa	D.Wendell	1893	125	2	Kn-c	.....	...	...	.....	.....	1,260	.....	.....	...	See log.
25bada	D.Wendell	1956	465	2½	Kg	F6.4m	S	57	2,760	9-11-59	1,260	103	105	8.3	
25daad1	F.Bilka	b1891	72	2	Qa	.....	...	...	.....	.....	1,290	.....	.....	...	See log. Flow reported 3 gpm in 1891.
25daad2	F.Bilka	1893	150	2	Kn-c	Cy	S	50	2,260	9-11-59	1,290	86	105	7.4	See log. Fx
26adad1	D.Trusty	1956	140	4	Kn-c	J	D,S	...	2,360	9-9-59	1,291	104	97	7.9	See chemical analysis. Water level reported 49 feet below land surface in 1955.
26bcbb1	L.Sundstrom	a1915	580	¾	Kd	F2.5m	S	51	2,760	10-23-59	1,291	394	138	7.7	
26bcbb2	L.Sundstrom	1960	168	2½	Kn-c	Cy	D	...	2,290	1-10-62	1,291	137	162	7.8	Water level reported 40 feet below land surface on August 8, 1960.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
106-60															
26bcbb3	L.Sundstrom	b1903	150	....	...	.....	...	...	.....	.....	1,291	.....	.....	...	See log.
27aada	E.Stekl	1917	672	1½,¾	Kd2	F1.6m	D,S	57.5	2,730	9-9-59	1,290	342	105	7.7	
28bbaa	L.Smith	1958	80	2	Kn-c	F2.3m	S	51	.....	8-5-59	1,225	.....	.....	...	
29adda	L.Smith	1949	80	2	Kn-c	F3.0m	S	50	.....	8-5-59	1,222	.....	.....	...	
29bab	M.Keen	1955	100	2	Kn-c	F4.6m	S	50	2,450	8-4-59	1,225	51	183	8.1	Initial flow reported 15 gpm.
29ccbc2	A.Halling	1958	228	3	Kn-c	Cy	D,S	...	2,280	8-4-59	1,295	34	166	8.3	
29dbba	L.Smith	1954	80	2	Kn-c	F9.0m	S	50	.....	8-5-59	1,288	.....	.....	...	Initial flow reported 20 gpm.
30adda	M.Keen	b1933	a500	2	Kdl	F3.8m	D,S	59	2,830	8-4-59	1,282	240	105	7.9	
30dccc	F.Zoss	1940	160	2,1½	Kn-c	Cy	D,S	...	2,330	8-4-59	1,283	86	149	7.8	
31aaac	F.Zoss	a1915	158	3	Kn-c	Cy	D,S	...	2,200	8-4-59	1,292	68	96	7.9	
31cccc	SDGS	1961	140	....	...	.....	T	...	.....	10-27-61	1,297	.....	.....	...	See log. Water level measured 23.5 feet below land surface.
31cddd	C.Latza	a1895	a165	2	Kn-c	Cy	D,S	51	2,170	8-4-59	1,289	68	105	7.9	
32ccab	A.Smith&K.Rogan	1897	580	2	Kd	.....	...	...	.....	.....	1,289	.....	.....	...	See log.
32ccccl	USBR	1954	140	....	.....	....	T	...	.....	.....	1,285	.....	.....	...	See log.
32cccc2	A.Smith	1946	162	3	Kn-c	Cy	D,S	...	2,540	8-3-59	1,291	51	254	7.8	
33dadd	A.Stekl	1919	112	2	Kn-c	F1.4m	S	51	2,830	8-3-59	1,215	51	131	7.9	
34abl	C.Moody	1951	174	....	Kn-c	Cy	D	...	2,800	9-9-59	1,280	51	131	7.8	
34bdcc	C.Moody	a1957	60	1½	Kn-c	F1.2m	S	52	2,800	7-29-60	1,230	68	131	7.8	
34cbcc	C.Moody	....	112	2	Kn-c	F1.4m	S	51	2,780	8-3-59	1,225	51	122	7.9	
34dbb	C.Moody	....	60	1½	Kn-c	F1.5m	S	52	2,690	7-29-60	1,225	86	105	7.9	
106-61															
1bbbd2	A.Kundert	1960	122	2,1½	Kn-c	J	D	...	2,450	1-10-62	1,265	103	262	7.8	See log. Water level reported 35 feet below land surface on September 2, 1960.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued.									
106-61 1bbcc1	Town of Forest-burg	1952	750	4,2½	Kd2	F60r	PS	...	....	10-27-59	1,277	605	77	...	See log and chemical analysis.
1bbcc2	Forestburg School	1934	140	3,2	Kn-c	Cy	PS	...	2,450	1-10-62	1,280	68	250	7.8	Water level reported 41 feet below land surface on November 30, 1961.
1bdcb	W.Nelson	1955	78	2,1½	Kn-c	Fu	D,S	...	2,420	12-28-61	1,235	137	225	7.8	See log. Initial flow reported 3 gpm.
1cccc1	SDWRC	1957	20	1¼	....	...	T,O	...	....	1958	1,278	.....	.....	...	See log. Water level measured 10.88 feet below land surface.
2aad1	C.Nelson(Cafe)	1941	140	3,2	Kn-c	Cy	D	...	2,490	10-27-59	1,282	86	192	7.5	Water level reported 20 feet below land surface.
2abdd	W.Burrill	1959	145	2½,1½	Kn-c	J	D,S	...	2,410	9-10-60	1,283	103	219	7.8	See log. Water level reported 13 feet below land surface on August 31, 1959.
2add1	Sanborn County 4-H Center	1958	140	2	Kn-c	Cy	PS	...	.....	10-27-59	1,283	.....	.....	...	Water level reported 20 feet below land surface.
2bbc1	L.Ellingson	1956	150	3,2	Kn-c	Cy	S	...	.....	10-27-59	1,285	.....	.....	...	Water level reported 21 feet below land surface in 1956.
3aad	A.Burrill	a1930	150	3	Kn-c	Cy	D,S	...	2,300	10-27-59	1,282	68	201	7.9	
3baa	H.Hinker	1955	145	2½,1½	Kn-c	Cy	S	...	2,380	8-30-59	1,284	68	219	7.8	Water level reported 12 feet below land surface in 1955.
3dddd	USGS	1961	130	....	...	.....	T	...	.....	6-27-61	1,284	.....	.....	...	See log.
4bdd1	G.LaBreche	....	90	2½	Kn-c	Cy	D,S	...	2,290	10-27-59	1,286	68	192	7.9	Water level reported 4 feet below land surface in 1950.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued.									
106-61 5abaa	S.&A.Peterson	1959	573	2,1¼	Kdl	F4e	S	...	.....	4-21-61	1,283	.....	.....	...	See log. Initial flow reported 12 gpm.
6dcc2	A.Tailor	1959	152	2,1½	Kn-c	J	D,S	...	2,480	10-22-59	1,285	51	254	7.8	See log. Water level reported 5 feet below land surface June 17, 1959.
9acc	O.Oehlerking	1941	597	3	Kdl	F10.0m	S	57	2,810	10-27-59	1,283	86	87	7.8	
10abd1	E.Nyrnberg	a1910	a150	2½	Kn-c	Cy	D,S	...	2,320	10-27-59	.....	51	219	7.8	
10bccc	M.Lamphir	a1955	160	2½	Kn-c	Cy	S	...	.....	10-27-59	.....	.....	.....	...	Water level reported 4.5 feet below land surface.
10dddd	H.Peterson	1959	558	2½,1½	Kdl	F8.6m	S	57	2,800	10-27-59	1,283	68	96	7.8	See log. Initial flow reported 10 gpm.
11acdd	W.Burrill	1959	596	2½,1½	Kdl	F12.0m	S	58	2,960	4-27-60	1,277	86	105	8.2	See log. Initial flow reported 15 gpm.
11ccc	H.Peterson	b1910	150	....	Kn-c	J	D,S	...	2,310	9-1-59	1,285	86	228	8.0	Water level reported 12 feet below land surface.
12acd1	W.Siegenthaler	1958	130	4	Kn-c	J	D	...	.....	9-1-59	1,225	.....	.....	...	
12acd2	G.Abild	a1929	130	2,1¼	Kn-c	C	D	...	.....	9-1-59	1,225	.....	.....	...	Fx until 1949. Copper casing.
12acd3	W.Siegenthaler	1900	125	2	Kn-c	Fu	PS	...	.....	9-1-59	1,225	.....	.....	...	
12acd4	G.Dowdell	1955	125	2	Kn-c	Fs	S	...	.....	9-1-59	1,225	.....	.....	...	
12bdaa	A.Kundert	1955	97	2	Kn-c	F3.3m	S	51	2,440	4-27-60	1,225	86	280	7.6	Initial flow reported 20 gpm.
12caca	A.Kundert	....	Spr.	....	Qw	F<10	D,S	...	1,040	4-27-60	1,240	486	89	7.4	See chemical analysis.
12dabb	A.Kundert	1917	96	5,2	Kn-c	F2.5m	S	49	2,620	4-27-60	1,225	68	280	7.6	
12dbab	A.Kundert	1941	95	2	Kn-c	F0.8m	S	52	2,430	4-27-60	1,222	86	245	7.5	
13ccb	R.Olson	1933	163	2½,1¼	Kn-c	J	D,S	...	2,780	9-4-59	1,281	188	201	7.8	Water level measured 52 feet below land surface.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued.									
106-61 14cbbd	C Schwemle	1914	160	2,1¼	Kn-c	J	D,S	...	2,480	9-4-59	1,292	68	315	8.1	Water level measured 56 feet below land surface.
14daa	E Schwemle Estate	1957	17	2½	Qw	Cy	N	...	.....	9-4-59	1,285	.....	.....	...	Water level reported 17 feet below land surface.
15aaa1	A Zoss	1942	584	2½,1½	Kdl	F4.0m	D,S	56	2,820	9-4-59	1,285	120	79	7.8	Initial flow reported 15 gpm.
15cdd1	A Zoss	a1917	700	2½	Kd2	F3.25m	S	...	2,560	9-8-59	1,295	565	87	7.4	
15dccc1	T Kneen	1925	600	2½	Kdl	F1.0m	D	55	.....	9-8-59	1,292	.....	.....	...	
16acbb	S Fitak,Jr.	1960	765	2	Kd2	F3.3m	S	56	2,480	4-27-61	1,293	599	122	7.7	
17add	J Fitak	a1920	600	2,1¼	Kdl	F12.0m	S	...	2,830	9-8-59	1,293	86	96	7.4	
18bbcd	A.VanLeur	1961	167	2½,1½	Kn-c	Cy	S	50.5	2,450	9-11-61	1,294	103	575	7.7	See log. Water level reported 3 feet below land surface on March 11, 1961.
20aaa	E Bowman	1958	135	3,2	Kn-c	J	D,S	...	2,480	9-8-59	1,297	86	315	7.6	
20baa	E Bowman	1953	680	2	Kdl	F2e	S	56	2,720	9-8-59	1,287	171	96	7.2	
21bbb	E Bowman	a1900	650	2,1¼	Kdl	F5.0m	D,S	56	2,880	9-8-59	1,297	68	87	8.2	
21cdc	E Bowman	1935	650	....	Kdl	F1e	S	55	2,900	9-8-59	1,292	103	96	8.0	
22ccd	E Feistner	1951	180	3	Kn-c	Cy	S	50	2,490	9-8-59	1,290	86	367	7.9	Water level reported 31 feet below land surface in 1951.
23bbbb	USGS	1961	142	....	....	.....	T	...	.....	6-27-61	1,284	.....	.....	...	See log.
23bcb1	L Larson	1945	a750	4½	Kd2	Fu	D	55	2,620	9-8-59	1,295	428	96	7.1	
24cdcd	P Lee	1926	750	2,1¼	Kd2	F1.2m	D,S	57	2,480	10-20-59	1,280	548	79	7.8	
24daab	C Zoss	1955	664	1½	Kd2	F8.5m	S	59	2,400	10-20-59	1,278	633	96	7.9	See log.
25adad	C Zoss	1914	160	2½	Kn-c	Cy	D,S	...	2,310	8-4-59	1,288	68	192	7.8	
25bccb	J Zoss	a1892	143	....	Kn-c	.....	...	...	.....	.....	1,292	.....	.....	...	See log.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
106-61 25ccca	C.Zoss	1938	163	2	Kn-c	Cy	D,S	...	2,180	10-20-59	1,287	68	183	7.9	Water level reported 50 feet below land surface in 1938.
25ccca2	C.Zoss	1899	576	....	Kdl	F<1.0	S	...	3,030	10-20-59	1,287	51	105	8.1	Flow reported 3 gpm in 1900.
25ddcb	A.Zoss	a1946	170	3	Kn-c	Cy	D,S	...	2,090	10-20-59	1,283	.....	.....	...	
26cccc	E.Rearick	1922	160	3	Kn-c	Cy	D	...	2,310	10-20-59	1,293	120	228	7.8	
26cdcc2	O.Oehlerking	a1944	697	3,2	Kd2	F3.5e	D,S	...	2,620	10-20-59	1,293	411	96	7.9	Initial flow reported 7 gpm.
27aaad	J.Zoss	a1900	160	2½	Kn-c	Cy	N	...	.....	10-20-59	1,291	.....	.....	...	
27bbba	E.Feistner	a1953	168	3	Kn-c	Cy	D,S	...	2,450	10-20-59	1,292	103	417	7.6	Water level reported 38 feet below land surface in 1953.
27ddad	J.Zoss	1925	a450	2½,1¼	Kg	F1.3m	D,S	53	2,900	10-20-59	1,296	68	96	7.9	
27dddd	USGS	1961	152	....	...	.....	T	...	.....	10-17-61	1,290	.....	.....	...	See log. Water level measured 10.8 feet below land surface.
29dddd	J.Smith	1914	a390	2	Kg	F2.5m	D,S	55	2,690	10-21-59	1,288	120	105	7.9	
30aaab2	C.McDonough	1945	570	2½	Kdl	Fu	D,S	...	2,780	7-31-59	1,302	154	105	8.0	Flow reported 12.5 gpm in 1945.
30cddc	D.McCormick	a1915	160	1¼	Kn-c	Cy	D,S	...	2,230	10-21-59	1,296	120	298	7.6	Water level reported 20 feet below land surface in 1954.
30ddaa	C.Edwards	a1947	170	2½	Kn-c	Cy	D,S	...	2,190	10-21-59	1,294	.....	.....	...	Water level reported 24 feet below land surface in 1947.
31adad	M.Edwards	1959	650	2	Kd2	F15.0m	S	57	2,000	10-21-59	1,298	993	96	7.5	Initial flow reported 30 gpm.
31bbaa	J.McCormick	1958	148	2½,1½	Kn-c	Cy	D,S	...	2,400	7-31-59	1,290	120	236	7.8	See log. Water level reported 17 feet below land surface on October 8, 1958.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
106-61 31cccc	SDGS	1961	160	....	....	....	T	...	.....	10-18-61	1,312	.....	.....	...	See log.
33bccb	A.Payne	b1930	a160	1½,¾	Kn-c	Cy	D,S	...	2,020	10-21-59	1,293	86	280	7.8	Water level reported 33 feet below land surface in 1953.
33ddcc	W.Moody	b1920	640	2	Kdl	F0.2m	D,S	55	2,700	10-15-59	1,300	240	105	7.8	
34adaa1	O.Oehlerking	1953	690	3,2	Kd2	F7.5m	D,S	57	2,490	10-20-59	1,295	377	87	7.8	Initial flow reported 30 gpm.
35aacc	A.Zoss	a1895	350	1½	Kg	F0.75m	S	54	3,100	10-20-59	1,300	50	83	7.2	See log and chemical analysis.
35ddcb	C.Shafranek	a1935	120	3,2½	Kn or Qo	Cy	D,S	...	.....	1959	1,300	.....	.....	...	Water level reported 60 feet below land surface.
36aaaa	A.Zoss	1957	138	2½	Kn-c	Cy	S	50.5	2,460	10-20-59	1,276	52	110	8.2	See chemical analysis. Water level reported 40 feet below land surface in 1957.
106-62 1bcac	Burg Farms, Inc.	1959	154	2	Kn-c	F4.7m	S	50	2,300	4-21-61	1,286	51	175	7.8	See log. Water level reported 3 feet above land surface April 22, 1959.
2ac	J.White	1959	169	3,2	Kn-c	Fu	S	...	.....	11-29-59	.....	.....	.....	...	
2babb1	H.Johnson	1910	160	3	Kn-c	Cy	D,S	...	.....	11-28-59	1,302	.....	.....	...	
2babb2	H.Johnson	1951	158	2½,1¼	Kn-c	F	D,S	...	2,400	11-28-59	1,302	68	183	8.1	Water level reported 14 feet below land surface in 1952.
2cdcc2	L.Dankey	1950	156	2½,1¼	Kn-c	P	D,S	...	2,470	11-28-59	1,304	51	192	7.8	Water level reported 20 feet below land surface in 1950.
3bcb1	C.Trudeau	....	150	3	Kn-c	Cy	D,S	...	2,480	10-28-59	1,296	.....	.....	...	
3bcb2	C.Trudeau	1947	147	2½,1¼	Kn-c	P	D,S	...	2,470	10-28-59	1,296	86	201	7.8	Water level reported 15 feet below land surface in 1947.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
106-62 4cdcc2	J.Schutt	1960	164	2,1½	Kn-c	P	D,S	...	2,350	12-27-61	1,300	86	225	7.8	See log. Water level reported 16 feet below land surface on May 4, 1960.
4dad1	J.Leonard	1937	154	2½,1¼	Kn-c	Cy	D,S	...	2,430	10-28-59	1,306	68	219	7.8	
5daa2	H.McCracken	1949	140	2½,1¼	Kn-c	Cy	D,S	...	.....	10-2-60	1,302	.....	.....	...	Water level reported 15 feet below land surface.
6aad1	N.Oe	1942	170	3	Kn-c	Cy	D,S	...	2,290	11-1-59	1,326	68	158	8.3	
8cccc	A.Rejynski	a1945	160	2,1¼	Kn-c	Cy	D,S	...	2,180	10-28-59	1,308	120	166	7.7	
9aaa	D.Swenson	1947	157	2½	Kn-c	Cy	S	...	.....	11-1-59	1,303	.....	.....	...	
9cbbc1	F.Druse	1950	178	3,2	Kn-c	J	D,S	...	2,270	11-1-60	1,322	86	201	7.7	Water level reported 15 feet below land surface.
9cbbc2	F.Druse	b1915	165	2½	Kn-c	Cy	S	...	.....	11-1-60	1,322	.....	.....	...	
10abba	J.&M.Dankey	1944	716	1	Kd2	F2.0m	D,S	...	2,480	10-28-59	1,311	702	87	7.3	Initial flow reported 25 gpm. Copper casing.
10cbbc	USGS	1960	155	....	....	.....	T	...	.....	7-20-60	1,296	.....	.....	...	See log.
11babb2	R.Linke	1954	170	2½,1½	Kn-c	J	D,S	...	2,460	10-28-59	1,306	103	219	7.6	Water level reported 24 feet below land surface in 1954.
11bada	R.Linke	1959	130	2	Kn-c	F3.4m	S	49.5	2,530	4-27-61	1,292	68	228	7.7	
12baa	USGS	1960	82	....	...	.....	T	...	.....	10-10-60	1,284	.....	.....	...	See log.
12ccc1	F.Jensen	b1920	165	2½	Kn-c	.....	N	...	.....	10-29-59	1,306	.....	.....	...	Water level measured 24.56 feet below land surface.
12cccc4	USGS	1960	82	....	...	.....	T	...	.....	10-10-60	1,301	.....	.....	...	See log.
13aadb1	A.VanLeur	1948	160	2,1¼	Kn-c	J	D,S	...	2,370	10-28-59	1,295	137	385	7.7	Water level reported 12.5 feet below land surface in 1948.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
106-62 13aadb2	A.VanLeur	a1928	a165	2½	Kn-c	Cy	S	...	.....	10-28-59	1,295	.....	.....	...	Water level measured 16.4 feet below land surface.
13abbb	A.VanLeur	1960	148	2½,1½	Kn-c	Cy	S	...	.....	4-21-61	1,290	.....	.....	...	See log. Water level reported 4 feet below land surface on May 3, 1960.
14bda1	E.Larson	1911	594	1	Kdl	F3.0m	S	55	2,810	11-1-59	1,315	190	67	6.7	See chemical analysis.
14bda2	E.Larson	1948	179	2½,1½	Kn-c	Cy	D	...	2,330	11-1-59	1,315	120	307	7.9	Water level reported 42 feet below land surface in 1948.
15aadd1	M.Nielson	1948	145	2½	Kn-c	C,P	D,S	...	2,380	10-28-59	1,305	120	245	8.0	Water level reported 5 feet below land surface in 1948.
15aadd3	M.Nielson	1956	150	2½,1½	Kn-c	.....	N	...	.....	.....	1,305	.....	.....	...	See log. Water level reported 7 feet below land surface in October, 1956.
15adb	M.Nielson	1959	135	2	Kn-c	F3.2m	S	50	2,450	10-28-59	1,290	38	219	7.9	See log and chemical analysis. Initial flow reported 9 gpm. Water level reported 2 feet above land surface on September 2, 1959.
15cbbb	USGS	1960	155	....	...	.....	T	...	.....	7-19-60	1,294	.....	.....	...	See log.
15daaa	J.Vetter	a1935	140	3	Kn-c	Cy	D,S	...	2,320	10-28-59	.....	51	236	7.9	
16aaad	USGS	1960	145	....	...	.....	T	...	.....	7-20-60	1,304	.....	.....	...	See log.
16add1	M.Helgeland	a1915	160	2	Kn-c	Cy	S	...	2,180	10-28-59	.....	86	219	8.0	
16add2	M.Helgeland	1950	160	2½,1¼	Kn-c	P	D	...	2,250	11-1-59	.....	68	210	8.0	Water level reported 18 feet below land surface in 1950.
17ddd	A.Johanson	1957	150	2½	Kn-c	Cy	S	50	2,140	11-1-59	1,297	103	175	7.5	Water level reported 9 feet below land surface in 1957.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
106-62															
18baac1	G.Thill	1918	800	¾	Kd2	F5.0m	S	60.5	2,420	7-21-59	1,312	770	87	7.8	Copper casing.
18baac2	G.Thill	1942	160	3,2½	Kn-c	C	D	...	2,380	7-21-59	1,312	154	262	7.8	Water level reported 14 feet below land surface in 1942.
18bbbb	USGS	1961	152	....	...	.....	T	...	.....	10-18-61	1,338	.....	.....	...	See log. Water level measured 8.9 feet below land surface.
19dddd	E.Larson	1961	160	2½,2	Kn-c	Cy	S	51	2,110	9-11-61	1,312	120	158	7.7	See log. Water level reported 22 feet below land surface on July 28, 1961.
20cbb2	F.Howard	1950	158	2½,1¼	Kn-c	J	D,S	...	2,100	11-1-59	1,310	120	166	7.8	Water level reported 21 feet below land surface in 1950.
20ddda	T.Grassel	1952	138	2,1½	Kn-c	C	D,S	...	2,100	7-21-59	1,295	86	166	7.7	Water level reported 6 feet below land surface in 1952.
21aaad	USGS	1960	140	....	...	.....	T	...	.....	7-20-60	1,289	.....	.....	...	See log.
21aada1	A.Vetter	1927	137	2½,1¼	Kn-c	C	D	...	2,380	8-6-59	1,295	68	280	7.9	
21aada2	A.Vetter	1930	653	3,2	Kd3	Fu	S	...	2,350	8-6-59	1,295	942	79	7.2	Initial flow reported 80 gpm.
21dcd	A.Vetter	1928	152	2½,1½	Kn-c	Cy	S	...	.....	8-6-59	1,293	.....	.....	...	Initial flow reported 6 gpm.
22bbcc	R.Vetter	b1917	160	2	Kn-c	J	D	...	2,380	8-6-59	1,295	86	280	7.9	Fx until 1917.
22daac	J.Vetter	1952	138	2,1½	Kn-c	.....	D,S	...	2,230	7-21-59	1,296	86	271	7.8	Water level reported 5.5 feet below land surface in 1952.
23aaaa	USGS	1960	82	....	...	.....	T	...	.....	10-10-60	1,314	.....	.....	...	See log. Water level measured 16.3 feet below land surface.
23cddc	K.Nielson	a1920	164	3	Kn-c	J	D,S	...	2,200	7-31-59	1,310	86	280	7.9	
23dccd1	K.Nielson	1918	165	2½	Kn-c	Cy	S	...	.....	7-31-59	1,314	.....	.....	...	

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued									
106-62 23dccd2	K.Nielson	1951	165	3,2	Kn-c	J	D,S	...	.....	7-31-59	1,314	.....	.....	...	Water level reported 29 feet below land surface in 1951.
24cccc1	Cuthbert School	1953	160	2½,1½	Kn-c	Cy	PS	...	2,310	7-31-59	1,312	86	358	7.9	Water level reported 18 feet below land surface in 1953.
24cd1	J.Godfrey	1951	160	3,2	Kn-c	.....	D	...	2,350	7-31-59	.....	120	332	7.7	Water level reported 22 feet below land surface in 1951.
24cdcc	H.Tollefson	a1920	350	2	Kg	Cy	N	...	.....	.....	1,308	.....	.....	...	
25aaad	C.Arch	1910	550	2	Kdl	F8.0m	S	...	2,700	7-31-59	1,300	188	79	7.8	Flow reported 13 gpm in 1926.
25aba	C.Arch	1935	a160	2½	Kn-c	Cy	D,S	...	2,380	7-31-59	1,300	120	350	7.9	Water level reported 20 feet below land surface in 1957.
25cccc	D.Gere	a1930	a160	2½	Kn-c	C	D,S	...	2,240	7-31-59	1,306	68	271	7.8	Water level reported 15 feet below land surface in 1956.
26abbb1	J.Smith	a1920	165	2½	Kn-c	Cy	S	...	.....	7-31-59	1,312	.....	.....	...	Water level reported 16 feet below land surface in 1959.
26abbb2	J.Smith	1958	165	2½	Kn-c	Cy	D,S	...	2,250	7-31-59	1,312	86	280	7.8	
27bba	J.Vetter	b1900	150	2	Kn-c	Cy	S	53	1,000	7-21-59	1,292	51	140	8.0	Fx until spring of 1959.
27cbbb	USGS	1960	128	....	...	.....	T	...	.....	7-19-60	1,291	.....	.....	...	See log.
27dadc2	O.&B.Larson	1944	580	1	Kdl	F2.3m	S	57	2,310	7-21-59	1,294	86	254	7.9	Copper casing. Initial flow reported 12 gpm.
28aabd2	G.Trudeau	1959	132	2,1½	Kn-c	P	D,S	...	2,100	9-30-59	1,295	51	210	7.7	Water level reported 5 feet below land surface.
28baba1	C.Ballard	1951	145	3,2½	Kn-c	Cy	D	...	2,020	9-30-59	1,295	.....	.....	...	Water level reported 6 feet below land surface in 1951.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
106-62 28baba2	C.Ballard	1925	145	2	Kn-c	Cy	S	...	.....	9-30-59	1,295	.....	.....	...	
28cddc	E.Sorvaag	1916	430	3	Kg	F0.5m	S	52	2,860	9-30-59	.....	137	105	8.0	Flow reported .5 gpm in 1926.
29aaad1	A.Larson	b1917	160	4	Kn-c	Cy	S	52	.....	9-30-59	1,298	.....	.....	...	Water level measured 12.1 feet below land surface.
29aaad2	A.Larson	a1952	180	4	Kn-c	J	D,S	...	2,970	9-30-59	1,298	51	404	8.0	Water level reported 6 feet below land surface in 1952.
29bbab2	N.Howard	1959	144	2½,1½	Kn-c	Cy	D,S	...	.....	11-1-59	1,312	.....	.....	...	Water level reported 17 feet below land surface.
29daaa	Twin Lake School	b1927	a145	2½	Kn-c	Cy	D	53	1,940	9-30-59	.....	137	183	8.1	
29ddcc	A.Vetter	a1930	140	....	Kn-c	Cy	D	...	.....	9-30-59	1,307	.....	.....	...	
30abab1	A.Budde	1952	148	2,1½	Kn-c	J	D,S	...	2,030	11-1-59	1,316	137	158	7.3	Water level reported 7 feet below land surface in 1952.
30abab2	A.Budde	1948	148	2½,1½	Kn-c	Cy	D,S	...	2,000	11-1-59	1,316	205	149	7.6	Water level reported 31 feet below land surface in 1948.
30babb	G.Jarabek	1959	163	3,2	Kn-c	Cy	D	...	2,080	11-1-59	1,317	154	149	7.6	See log. Water level reported 16 feet below land surface on March 11, 1959.
30bbcb	SDGFP	1959	945	2 7/8	Kd3	F50.0m	PS	62	2,460	4-14-61	1,319	1,310	85	6.9	See log and chemical analysis. Maintains lake level. Water level measured 41.77 feet above land surface on April 14, 1961.
30bd	SDGFP	a1930	760	8,6	Kd2	F50e	PS	...	.....	11-1-59	1,314	.....	.....	...	Maintains lake level.
31cccc	SDGS	1961	140	....	...	.....	T	...	.....	10-27-61	1,328	.....	.....	...	See log. Water level measured 16.2 feet below land surface.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
106-62 32bbca	W Mathis	a1915	a500	2	Kd2	F2.1m	S	55	2,580	10-7-59	.....	360	105	7.9	
32daad1	D Hjelm	1955	145	2½,1½	Kn-c	J	D	...	2,040	9-30-59	1,302	.....	.....	...	Water level reported 14 feet below land surface in 1955.
32daad2	D Hjelm	1911	465	2	Kg	F0.75m	S	53	2,520	9-30-59	1,302	86	105	7.9	Flow reported 2 gpm in 1926.
33aaaa	USGS	1960	124	....	....	.....	T	....	.....	7-19-60	1,288	.....	.....	...	See log.
33aaad	J Bergeson	1916	426	2	Kg	Fs	D,S	52	2,910	9-30-59	1,290	86	114	7.9	Flow reported 4 gpm in 1926.
33addd	USGS	1960	108	....	....	.....	T	....	.....	7-19-60	1,288	.....	.....	...	See log.
33cccd	A Godfrey	1914	450	2	Kg	F0.8m	D,S	52	2,790	9-30-59	.....	.....	.....	...	Flow reported 2 gpm in 1926.
33ddaa2	S Brown	1954	158	3	Kn-c	Fs,Cy	D,S	...	.....	9-30-59	.....	.....	.....	...	
33dddd	USGS	1960	112	....	....	.....	T	....	.....	7-18-60	1,291	.....	.....	...	See log.
34cccd1	R Vetter	1956	560	3,1½	Kd3	F 4.0	S	....	2,260	10-7-59	1,290	1,061	96	7.7	See log. Initial flow reported 45 gpm.
34dccd	T Nelson	1916	550	1¼	Kd	F 0.2	S	....	.....	10-7-59	.....	.....	.....	...	Flow reported 5 gpm in 1926.
35baba	M Eddy	1924	500	2	Kd2	F3.0m	S	56	2,470	10-7-59	1,307	342	96	7.8	Flow reported 12 gpm in 1926.
35cca	W Parker	1955	580	2,1½	Kd1	F>3.1	S	55	2,420	10-7-59	1,292	719	79	7.8	Initial flow reported 12 gpm.
107-59 1cccc	Mrs L Rowan	1910	880	1¼	Kd1	F0.9m	D,S	55	2,850	5-6-60	.....	137	175	7.8	Initial flow reported 30 gpm.
1dadd1	G Halmer	1958	90	4	Qa	Cy	S	53	2,990	5-9-60	.....	1,130	62	7.4	
2dddc	G Williams	a1907	a95	2½	Qa	Cy	D,S	44	2,430	5-9-60	.....	668	70	7.2	
4aaaa	A Hetland	1886	68	2	Qa	Cy	S	....	.....	5-6-60	1,330	.....	.....	...	See log.
4bcbc	R Hazen	a1920	680	2	Kd	F1.7m	S	56	2,640	5-6-60	.....	274	158	7.8	

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
107-59 4ddda	G.Klinker	a1919	960	2	Kdl	F1.1m	S	58	2,780	5-6-60	.....	205	166	7.8	
5cccd2	R.Tysdale	1955	111	2	Qa	Fu	S	...	.....	5-6-60	.....	.....	.....	...	
6aada1	F.Beier	1894	125	5	Qa	Cy	S	...	.....	5-25-60	.....	.....	.....	...	
6aada2	F.Beier	1955	125	3,2	Qa	P	D,S	...	2,370	5-25-60	.....	462	122	7.2	Water level reported 12 feet below land surface in 1955.
6bbbc	F.Beier	1958	115	2,1½	Qa	F3.0m	S	49	2,320	5-27-60	1,297	128	131	7.6	See log. Water level reported 5 feet above land surface on August 23, 1958. Initial flow reported 12 gpm at 1.5 feet above land surface.
6cdda2	R.Tysdale	1904	740	3,2	Kdl	Fu	D,S	...	2,740	5-6-60	.....	137	122	7.9	Initial flow reported 90 gpm.
7aadd	V.Olson	1961	122	2	Kn-c	Fs	...	...	.....	1-10-62	.....	.....	.....	...	See log. Water level reported 1.5 feet below land surface on October 31, 1961.
7dabb	E.Johnson	a1945	746	2½	Kdl	F3.5m	D,S	58	2,750	5-6-60	.....	205	122	7.8	Initial flow reported 6 gpm.
8bcbc	V.Olson	1920	750	2	Kdl	F3.3m	D,S	58	2,750	5-6-60	.....	86	122	8.1	
8ddab	V.Olson	1954	130	2	Qa	F3.4m	S	50	2,300	5-6-60	.....	496	131	7.2	Initial flow reported 8 gpm.
9aaad1	G.Klinker	a1919	916	2½	Kdl	Fu	D,S	62	2,730	5-6-60	.....	103	131	7.8	
9bcac	O.Olson	1952	120	3,2	Qa	F0.2m	S	...	2,320	5-6-60	.....	479	122	7.2	
9cdcc	O.Olson	b1895	65	2	Qa	F1e	N	50	.....	5-6-60	.....	.....	.....	...	
9cdda	O.Olson	1956	764	2½	Kdl	F3.3m	D,S	58.5	2,680	5-6-60	.....	257	131	7.9	
10acd	R.Hetland	a1936	a110	2	Qa	Fu	S	...	.....	5-10-60	.....	.....	.....	...	
11abaa	G.Williams	1954	75	2	Qa	F1.1m	S	48	3,120	5-9-60	.....	1,020	35	7.4	See chemical analysis. Initial flow reported 2 gpm.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
107-59 11badc	W.Greer	1959	930	2	Kd2	F5.0m	S	60	2,630	5-9-60	.....	496	149	7.2	
11cccc2	Mrs L.Rowan	a1925	a110	1¼	Qa	F1.8m	S	49.5	2,660	5-6-60	.....	976	62	7.7	
15aaaa	J.Thomas	a1917	867	2	Kdl	F>3.3	D,S	59.5	2,750	5-4-60	.....	137	131	7.7	
16abcb	O.Olson	a1956	a120	1¼	Qa	F3e	S	50	2,320	5-2-60	.....	531	114	7.4	
16bcba	O.T.Olson	1959	115	2	Qa	Fu	S	...	.....	5-4-60	.....	.....	.....	...	
16ccbb	Hines Bros.	a1950	a125	2	Qa	F1.2m	S	50	2,220	5-4-60	.....	599	114	7.4	
17aadc	A Strand	1961	103	2	Qa	F<1.0	S	50	2,290	12-27-61	1,303	548	150	7.7	See log. Initial flow reported 20 gpm. Water level reported 2.5 feet above land surface on December 27, 1961.
17adaa1	A.Strand	1959	120	2½	Qa	Cy	D,S	...	.....	5-2-60	.....	.....	.....	...	Fx until 1960.
17addd	A.Strand	1959	120	2	Qa	.....	S	49	2,430	5-2-60	1,304	542	92	7.4	See log and chemical analysis. Fx until 1961.
17cbab	I.Olson	1955	118	2	Qa	F<0.2	S	...	.....	5-2-60	.....	.....	.....	...	Initial flow reported 20 gpm.
17ddaa	A.Kessler	b1930	120	1¼	Qa	F2.0m	D,S	49.5	2,220	5-2-60	.....	599	105	7.4	
18bcba	O.Olson	a1955	a117	2½	Qa	F8e	S	...	.....	5-2-60	.....	.....	.....	...	
18cdcd2	O.Olson	1950	890	3,1½	Kdl	F11.0m	S	61	2,770	5-2-60	1,307	103	105	8.2	See log. Initial flow reported 60 gpm. Copper casing.
18ddda	I.Olson	a1942	720	2½	Kdl	F1.6m	D,S	56	2,660	5-2-60	.....	152	122	7.9	
19ddcb	O.Olson	a1956	a112	2	Qa	F10.0m	S	50	2,150	5-2-60	.....	788	96	7.1	
20adcd	G.Conner	a1930	a85	1¼	Qa	F5.5m	S	50	2,200	5-3-60	.....	616	96	7.4	
20bbbb	O.A.Olson	1955	930	3,2	Kd3	Fu	D,S	...	2,500	5-2-60	1,306	1,096	149	7.1	See log. Initial flow reported 60 gpm.
20cbad	O.A.Olson	1953	120	2	Qa	F3.2m	D,S	49.5	2,200	5-2-60	.....	651	105	7.4	Initial flow reported 8 gpm.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
107-59 20daab	Mrs.P.Kaster	a1946	a120	2	Qa	F18.7m	N	50	2,200	5-6-60	.....	668	114	7.3	
20dddd	USGS	1961	147	....	...	.....	T	...	.....	10-18-61	1,298	.....	.....	...	See log. Water level measured 2.1 feet below land surface.
21daca	H.Conner	a1945	a100	2	Qa	F4.0m	S	50	2,330	5-6-60	.....	565	131	7.3	
21dacd	H.Conner	1950	273	1¼	Kn-c	J	D	...	2,900	5-6-60	.....	68	368	7.8	Water level reported 4 feet below land surface on May 6, 1960. Copper casing.
22aabb	M.Dowdell	a1951	a92	2	Qa	F5.5m	S	49	2,160	5-31-60	.....	565	122	7.4	
22dddd	USGS	1961	100	....	...	.....	T	...	.....	7-13-61	1,318	.....	.....	...	See log.
23bbbc1	M.Dowdell	b1904	a68	2	Qa	F2.7m	S	49	2,230	5-31-60	.....	616	114	7.3	
23bbbc2	M.Dowdell	1959	830	3,2	Kd2	F3.0m	D,S	60	2,400	5-31-60	.....	548	131	7.6	
23ccbb2	D.Wire	....	a150	3	Kn-c	Cy	D,S	...	2,880	5-9-60	.....	205	114	8.1	
24ddba1	D.Jones	a1900	768	....	Kd	Cy	D	...	.....	5-31-60	.....	.....	.....	...	
24ddba2	D.Jones	a1958	1020	3,2	Kd3	F7.9m	D,S	61	2,760	5-31-60	.....	913	149	7.3	See chemical analysis.
25bba1	E.Jones	1917	a500	2	Kd1	F2.3m	S	58	2,730	5-9-60	.....	171	131	7.9	
25cddc	E.Jones	....	a75	2	Qa	F5.0m	S	50	2,220	5-9-60	.....	668	105	7.2	
25dbba	E.Jones	a1958	715	2	Kd1	F7.0m	S	59	2,730	5-9-60	.....	223	122	7.7	
25dddd	USGS	1961	158	....	...	.....	T	...	.....	7-12-61	1,330	.....	.....	...	See log.
26bbcc1	E.Jones	1958	204	2½	Kn-c	P	D	...	.....	5-9-60	.....	.....	.....	...	
26bbcd	E.Jones	a1931	145	2½	Qa	Cy	S	48	2,210	5-9-60	.....	616	114	7.4	
26cccb2	B.Ischen	1958	a750	2½	Kd1	F>2	D,S	57	2,740	5-9-60	.....	223	122	7.7	
26dacd	B.Ischen	1958	a750	2	Kd1	F10.0m	S	60	2,800	5-9-60	.....	154	140	7.8	
27adaa	E.Jones	a1922	a165	2½	Qa	Cy	S	50	2,310	5-9-60	.....	599	105	7.1	
28bbc1	R.Knust	1952	130	3	Qa	F0.5e	S	49	2,050	5-31-60	.....	685	96	7.8	

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
107-59 28cccb	E.Looby	1960	115	2	Qa	Fu	S	49.5	2,100	9-11-61	1,300	599	113	7.5	See log. Initial flow reported 20 gpm. Water level reported 3 feet above land surface in 1960.
28ddbd	R.Hendrix	1959	122	2	Qa	F7.6m	S	50	2,140	5-6-60	1,302	719	96	7.6	See log. Initial flow reported 20 gpm 18 inches above land surface. Water level reported 4 feet above land surface on May 12, 1959.
29bcc1	O.Hoffman	1955	115	2	Qa	F12.0m	S	49	2,220	10-13-59	.....	.....	.....	...	Initial flow reported 20 gpm.
30adad	O.Hoffman	1952	740	3,1½	Kdl	F>4.0	D,S	58	2,660	5-3-60	1,305	240	114	7.9	See log. Initial flow reported 12 gpm.
30dcb1	G.Highland	1959	142	2	Qa	F30.0m	S	50	2,130	5-3-60	1,294	736	105	7.4	See log. Initial flow reported 35 gpm at 2 feet above land surface. Water level more than 7 feet above land surface on July 2, 1959.
31ccc1	W.Hoffman	1958	120	3	Qa	Cy	S	50	2,100	10-1-59	.....	.....	.....	...	
31daa1	C.Nelson	1957	130	2	Qa	F3.7m	S	50	2,170	10-13-59	.....	.....	.....	...	
31ddd1	C.Nelson	1946	133	2	Qa	P	D,S	...	2,070	10-13-59	.....	.....	.....	...	
32cdcd	F.Ott	1942	175	....	Kn or Qa	Cy	D,S	...	1,990	9-30-59	.....	702	105	7.3	
32dcbb	F.Ott	1942	a100	2	Qa	F5.4m	S	50	2,070	9-30-59	.....	.....	.....	...	
33bbbc	R.Hazen	1957	120	2	Qa	F4.8m	D,S	50	2,240	5-4-60	.....	648	72	7.9	See chemical analysis. Initial flow reported 15 gpm.
34bac	E.Jones	a1958	946	2	Kd3	F>15.0	S	61	2,480	5-6-60	.....	1,027	158	7.7	
34ccdb2	R.Baade	1918	765	2	Kdl	F0.5m	D,S	59	2,550	9-4-59	.....	171	122	8.0	

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
107-59 35abbb	B.Hindes	....	a80	3,2	Qa	P	D,S	...	2,200	5-9-60	.....	736	105	150	Well flows during wet spells. Water level reported 3 feet below land surface on May 9, 1960.
36dadd	D.Jones	1953	695	2½,1½	Kdl	F2.7m	S	57	2,610	5-31-60	1,321	240	114	7.9	See log. Initial flow reported 6 gpm.
107-60 2ddb	J.Fairfield	1959	120	2	Qa	F<1.0m	S	...	2,800	1-11-60	1,302	68	162	7.8	See log. Initial flow reported 8 gpm at outlet 3 feet below land surface. Water level reported 1.33 feet below land surface on May 6, 1959.
2adaa	C.Talley	1958	123	2	Qa	F6.7m	S	50	2,170	5-3-60	.....	599	105	7.1	
3adda2	C.Talley	1961	930	4,2	Kd3	F42.8m	S	62.5	2,520	10-4-61	1,301	942	212	7.1	See log. Water level measured 78.96 feet above land surface on October 4, 1961.
3adda3	C.Talley	1961	920	....	Kd3	.....	...	...	.....	8-8-61	1,301	.....	.....	...	See log. This well caved in before casing could be set. Flow reported 30 gpm.
4bccb1	J.Dowdell	....	196	3	Kn-c	Cy	...	...	.....	4-28-60	1,300	.....	.....	...	
5addd1	D.Talley	1905	660	1½	Kdl	F4.25m	D,S	55	2,520	4-28-60	1,301	223	105	7.8	
6bcda	H.Briggs	b1918	750	3,1½	Kdl	Fu	D,S	...	2,780	10-17-60	1,245	137	114	7.7	Flow reported 3 gpm in 1947.
6ccdd	C.Morse	1908	700	2½	Kdl	F25r	D,S	...	2,940	8-31-60	1,243	188	96	7.4	Flow reported 50 gpm in 1926.
8cadb	G.Davis	1912	610	2	Kdl	F3.0m	D,S	56	2,590	4-28-60	1,294	103	114	8.2	
9daab	J.Burg	1955	140	2¼	Qa	F0.6m	S	50	2,020	4-27-60	1,295	223	183	7.6	Initial flow reported 2.5 gpm.

Table 2.--Record of selected wells and test holes -- continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued.									
107-60 10bcac	J.Burg	....	...	1¼	Qa	F1.2m	S	44	2,340	4-27-60	1,300	284	90	7.5	See chemical analysis.
10bdad	J.Burg	1952	106	3,2	Qa	Fu	S	...	.....	4-27-60	1,300	.....	.....	...	
10ccca2	J.Burg	1957	140	2	Qa	J	D,S	...	2,020	4-28-60	1,305	291	114	7.7	
11dca	H.&R.Janzing	1955	108	2	Qa	F6e	S	50	1,950	4-28-60	.....	702	96	7.5	Initial flow reported 15 gpm.
12bdcc	H.&R.Janzing	1953	90	2	Qa	F6.0m	S	50	1,950	4-28-60	.....	616	105	7.3	Initial flow reported 12 gpm.
13abc	C.Weinberger	1960	113	2	Qa	Fu	S	...	.....	1-11-62	1,290	.....	.....	...	See log.
13bcca2	C.Weinberger	1961	124	3	Qa	F18.0m	D,S	51	2,090	1-10-62	1,295	616	125	7.1	See log. Water level reported 3 feet above land surface on October 27, 1961.
13bcca3	C.Weinberger	b1925	a110	2	Qa	F1.0m	D,S	49	2,000	5-31-60	.....	702	105	7.3	
13dbd	O.Olson	a1956	115	2	Qa	F6e	S	...	2,030	5-2-60	.....	616	97	7.1	Initial flow reported 30 gpm.
14addc2	J.Burg	1907	a165	1¼	Qa	Fu	D,S	...	2,000	4-28-60	.....	685	79	7.1	
16cbbc	X.Joeger	1960	160	2	Kn-c	Cy	D	51	2,075	9-11-61	1,298	188	122	7.8	See log. Water level reported 15 feet below land surface on September 11, 1961.
16daa	D.McKillop	....	125	....	Qa	Fu	S	...	2,100	5-4-60	1,288	257	114	7.5	Initial flow reported 25 gpm.
17aca	O.Schefsky	1959	700	2	Kdl	F13.3m	S	58	2,990	3-3-60	1,285	188	77	7.6	See chemical analysis.
17ddda1	C.Torgerson	....	100	3	Qa	Cy	D,S	...	.....	6-19-47	1,295	.....	.....	...	
17ddda2	C.Torgerson	1954	707	3,2	Kdl	F2.7m	D,S	54.5	2,480	4-27-60	1,295	223	105	7.8	
19baba2	G.Davis	1944	691	3,2	Kdl	F7.0m	D,S	58	3,040	9-1-60	1,275	274	114	7.4	Initial flow reported 45 gpm.
20abaa2	V.Rubert	1950	670	3	Kdl	F4.5m	D,S	55	2,520	4-27-60	1,291	240	105	7.9	
20bacc	V.Rubert	b1900	136	....	...	.....	...	...	.....	.....	1,291	.....	.....	...	See log.
21cdcd	F.Ferguson	1958	900	3,1½	Kd3	F26	S	60	2,250	4-27-60	1,298	1,153	183	7.7	See log. Initial flow reported 130 gpm. Copper casing.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- Continued															
107-60 21daab	F.Ferguson	1959	168	2½	Kn-c	F 2.0m	S	49.5	1,930	4-27-60	1,258	154	122	7.7	See log. Initial flow reported 3 gpm.
22baab1	X.Joeger	1950	a765	2½	Kdl	F 2.0m	D,S	56	2,610	5-2-60	1,299	240	105	7.9	
22cccc	USGS	1961	147	...	....	.....	T	...	.....	9-19-61	1,300	.....	.....	...	See log.
23bbcd	R.Dean	1961	84	2	Qa	F 60e	S	50	2,150	9-11-61	1,275	411	162	7.5	See log. Water level reported more than 15 feet above land surface in May, 1961.
23cdcc1	O.Kneen	....	860	¾	Kdl	F 2r	D,S	...	2,650	5-2-60	1,314	240	114	7.7	
23cdcc2	O.Kneen	1961	176	....	....	.....	...	...	.....	12-27-61	1,312	.....	.....	...	See log.
23cdcc3	O.Kneen	1961	960	1½	Kd2	F 25r	S	...	2,500	9-11-61	1,312	738	212	7.5	Copper casing.
23dabd	O.Kneen	1959	118	2	Qa	F 5.0m	S	49	2,210	5-27-60	1,296	668	131	7.8	See log. Initial flow 6 gpm at 3 feet above land surface. Water level reported 5 feet above land surface on July 7, 1959.
24abcd	O.Kneen	1961	105	2	Qa	F 15.0m	S	49.5	2,100	9-11-61	1,291	616	125	7.5	See log. Initial flow reported 30 gpm.
24cbca1	R.Palmer	....	...	1¼	Qa	F 2.8m	S	49	2,200	5-3-60	.....	685	114	7.2	
24dbbd	C.Talley	1894	85	2	Qa	.....	...	...	.....	.....	1,290	.....	.....	...	See log. Fx.
24ddac	C.Talley	1958	126	2,1½	Qa	Fu	...	...	.....	8-22-58	1,304	.....	.....	...	See log. Water level reported 2 feet above land surface on August 22, 1958.
25aabb	C.Talley	1958	130	2	Qa	F 12.0m	S	50	2,130	5-3-60	1,293	685	96	7.1	See log. Initial flow reported 30 gpm at 1 foot above land surface and 15 gpm at 6 feet above land surface.
25cccc	Brewster	a1952	a190	2½	Kn-c	Cy	S	...	.....	5-3-60	.....	.....	.....	...	
26bcca	Q.McKillop	1955	924	3,1½	Kd3	F 4.0m	S	58	2,430	5-3-60	1,305	1,079	175	7.2	See log. Initial flow reported 35 gpm.
26dada	D.Nelson	1959	835	3,2	Kd2	F 4.5r	D,S	55	2,420	5-3-60	.....	565	114	7.4	
27adda	F.Ferguson	a1910	a720	2	Kdl	F 1.2m	S	55	2,520	4-27-60	1,300	240	114	7.8	

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
107-60 27ddad	K.McKillop	1961	864	2,1¼	Kd3	F 6.0m	D,S	60	2,500	9-11-61	1,294	993	225	7.5	See log. Initial flow reported 25 gpm.
28ccda	R.Lee	1947	826	4,1¼	Kd2	F > 10	D,S	57	2,200	4-27-60	1,294	685	131	7.5	Initial flow reported 15 gpm.
28ccda3	R.Lee	1960	148	2	Kn-c	Cy	D,S	...	2,090	1-11-62	1,292	205	131	7.8	See log. Water level reported 45 feet below land surface July 9, 1960.
28ddda	F.Ferguson	1949	890	3,1½	Kd3	F>30	S	60	2,270	4-27-60	1,295	1,164	183	7.2	Initial flow reported 100 gpm. Copper casing.
29adab	S.Judy	.....	a800	....	Kd2	F 1.0m	D,S	55	2,470	4-26-60	1,293	377	105	7.9	
29cbcd2	S.Judy	1952	885	1½	Kd3	F>30m	D,S	59	2,340	4-26-60	1,294	907	210	7.4	Copper casing.
29cccb	R.Judy	1956	192	3	Kn-c	J	D	....	2,040	4-26-60	1,296	154	105	7.8	See log. Water level reported 78 feet below land surface in 1956.
29ddcc	S.Judy	1922	689	3,2	Kd2	F 1.1m	S	55	2,420	4-26-60	1,293	411	96	7.8	Initial flow reported 259 gpm.
30abdb	R.Briggs	1955	620	2	Kd2	F 28.8m	S	59	2,510	5-31-60	1,230	360	105	7.7	
30bcb	H.Briggs	1937	114	2½,2	Qa	Cy	D	51	1,520	5-31-60	1,243	82	97	8.3	See chemical analysis. Water level measured 15 feet below land surface June 18, 1947.
32bdd	H.Mathews	1959	703	2	Kd2	F 7.5m	S	58.5	.....	4-26-60	1,260	651	87	7.7	
32dddd1	S.Brakke	....	780	2	Kdl	F 0.7m	S	57	2,500	4-26-60	1,285	291	96	7.9	
32dddd2	S.Brakke	1958	143	2½	Kn-c	J	D,S	....	2,170	4-26-60	1,285	108	87	7.9	See log and chemical analysis. Water level reported 63 feet below land surface on October 26, 1958.
33abab	F.Ferguson	1957	a880	2¼	Kd3	F>45	D,S	60	2,330	4-26-60	1,288	1,079	192	7.3	
33bcbc2	H.Mathews	1961	147	2	Kn-c	J	D,S	...	2,240	1-11-62	1,285	188	162	7.8	See log. Water level reported 66 feet below land surface on November 21, 1961.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- Continued															
107-60 34cda	F.Ferguson	1950	903	3,1½	Kd3	F>10	D,S	60	2,370	4-27-60	1,302	1,096	166	6.9	Initial flow reported 100 gpm. Copper casing.
35cbcb	D.McKillop	1912	700	2½	Kdl	F10r	D,S	56.5	2,520	4-27-60	1,301	223	105	8.0	
107-61 1cdad	C.Morse	a1954	680	2	Kdl	F 8.6m	S	...	2,940	8-31-60	1,285	188	131	7.1	
2aaad	H.McCracken	1947	730	4,1½	Kdl	F 3.0m	D,S	58	2,960	8-31-60	1,293	171	149	7.5	Copper casing.
3ccbc	D.Senska	1956	150	2½,1½	Kn-c	Cy	S	51.5	2,450	10-17-60	1,286	68	446	7.5	Water level reported 49 feet below land surface in 1956.
5bcc2	C.Fee	1959	a140	2	Kn-c	F 2.1m	S	50	2,370	10-20-60	1,265	51	332	7.6	
5dcd	G.Senska	a1900	a146	2½	Kn-c	P	D,S	...	2,270	10-20-60	1,283	51	323	7.6	Water level reported 14 feet below land surface.
6bbbb	USGS	1960	77	...	.....	.....	T	...	1,350	9-13-60	1,288	330	25	...	See log and chemical analysis. Water level measured 9.2 feet below land surface.
6cbb	A.Lynch	....	180	2½	Kn-c	J	S	...	.....	8-23-60	1,293	.....	.....	...	
6dddd	SDWRC	1957	22	1¼	Qw	O	...	...	.....	12-15-60	1,283	.....	.....	...	Water level measured 11.09 feet below land surface.
7bada1	S.Ross	....	180	2	Kn-c	Cy	S	...	2,280	10-19-60	1,293	68	323	7.4	
7bada2	S.Ross	1954	160	2½,1½	Kn-c	.....	D	...	2,280	10-19-60	1,293	68	315	7.4	Water level reported 10 feet below land surface in 1954.
8ddd	R.Schmiedt	1943	676	2½,1¼	Kdl	F>6.0	D,S	59.5	2,670	10-17-60	1,275	308	122	7.4	Initial flow reported 30 gpm.
9aab	P.&A.Barstead	a1930	138	2½	Qw	Cy	D,S	...	.....	4-21-61	1,287	.....	.....	...	
9dcc	B.Anderson	b1925	150	2½	Kn-c	Cy	D,S	...	2,140	10-17-60	1,290	51	175	7.8	
9ddd	J.Anderson	1907	187	2½	Kn-c	Cy	D,S	...	3,090	10-17-60	1,290	1,832	122	6.7	
10bbbc	A.Barstead	1959	169	2½,1½	Kn-c	N	N	...	.....	4-21-61	1,288	.....	.....	...	See log. Water level reported 50 feet below land surface on December 21, 1959.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
107-61						SANBORN COUNTY -- Continued									
10ccbd2	A.Knutson	1959	175	2	Kn-c	Cy	D	...	2,180	10-17-60	1,298	68	192	7.7	See log. Water level reported 68 feet below land surface on August 16, 1959.
10dcca1	H.Larson	a1920	180	2½	Kn-c	Cy	S	...	.....	8-31-60	1,290	.....	.....	...	
10dcca2	H.Larson	1960	165	2,1½	Kn-c	J	D,S	...	2,240	8-31-60	1,290	51	192	7.7	See log. Water level reported 52 feet below land surface on April 12, 1960.
12ccbc1	H.Whitlow	1923	710	2½,1¼	Kdl	F 4.0m	S	58.5	2,940	8-31-60	1,292	171	122	7.5	Initial flow reported 20 gpm.
14bbca	S.Strand	1959	704	2½,1½	Kdl	F 12e	S	60	2,820	10-17-60	1,285	137	122	7.4	See log. Initial flow reported 15 gpm.
14dcdd1	O.Ostenson	b1904	84	....	Qw	....	...	...	.....	.....	1,290	.....	.....	...	See log.
14dcdd2	O.Ostenson	1949	708	2½,1¼	Kdl	F 5.0m	D,S	58	2,890	8-31-60	1,290	240	114	7.4	
15bcb	M.Larson	....	a168	2½	Kn-c	Cy	D,S	...	2,100	10-17-60	1,288	51	192	7.7	
16cbbc	W.Moe	....	a130	...	Kn-c	F 3.0m	D,S	50.5	2,010	10-17-60	1,281	68	131	7.9	
17abb	R.Carver	1959	12	2	Qw	Cy	S	...	.....	10-19-60	1,277	.....	.....	...	Water level reported 6 feet below land surface in 1959.
17bbd	R.Carver	1956	140	2,1¼	Kn-c	F 4r	S	...	.....	10-19-60	1,282	.....	.....	...	
17cbcb	E.Schmiedt	....	120	3	Kn-c	P	D,S	...	2,010	10-19-60	1,290	51	140	7.5	
17daab	E.Schmiedt	....	120	3	Kn-c	F 2.0m	S	...	2,010	10-19-60	1,276	68	140	7.7	
18baaa2	C.Thompson	a1948	143	2½,1¼	Kn-c	J	D,S	...	2,050	10-19-60	1,287	103	166	7.5	Water level reported 9 feet below land surface in 1948.
18ccc1	L.Baruth	....	143	2½,1¼	Kn-c	P	D,S	...	1,970	10-19-60	1,295	68	122	7.8	Water level reported 18 feet below land surface.
18ccc2	L.Baruth	...	740	2,1¼	Kd2	F 4.0m	S	60.5	2,640	10-19-60	1,295	616	158	7.7	
19ccdc	Ferguson	1954	150	2½,1½	Kn-c	J	D	...	2,030	10-19-60	1,293	68	149	7.8	Water level reported 5 feet below land surface in 1954.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- Continued									
107-61 19cdd	A.Siedschlaw	....	150	1½	Kn-c	Cy	D,S	...	2,090	8-31-60	1,293	34	158	7.8	Water level reported 15 feet below land surface. Copper casing.
19daaa1	O.Strand	....	136	3	Kn-c	Cy	S	...	2,050	10-19-60	1,290	68	149	7.8	
19daaa2	O.Strand	1953	136	2	Kn-c	P	D	...	.....	10-19-60	1,289	.....	.....	...	Water level reported 12 feet below land surface in 1953.
19dccd	USGS	1961	100	....	.....	.....	T	...	.....	7-18-61	1,289	.....	.....	...	See log. Water level measured 6.8 feet below land surface.
20addd	A.Olson	....	120	3	Qw	J	D,S	...	2,030	10-17-60	1,284	68	213	7.8	See chemical analysis. Water level reported 4 feet below land surface.
20ddd	R.Schmiedt	....	170	3	Kn-c	Cy	S	52	2,160	10-17-60	1,285	58	124	7.5	See chemical analysis.
21aabb	S. Strand	1930	140	2½	Kn-c	Cy	D,S	...	1,990	10-18-60	1,270	68	158	7.7	
21bbdc	A.Barstead	1890	147	2½,1½	Kn-c	P	D,S	...	1,990	10-17-60	1,283	51	166	7.6	
21ccc	A.Barstead	1958	143	2	Kn-c	Cy	S	...	.....	10-18-60	1,285	.....	.....	...	Water level reported 3 feet below land surface in 1958.
22bcdd2	M.Hilton	1947	691	1¼	Kdl	F 4.0m	D,S	57	1,670	10-17-60	1,283	274	113	7.5	Copper casing.
23babb2	W.&M.Dent	....	165	2½	Kn-c	Cy	D,S	...	2,260	10-17-60	1,290	51	158	7.6	Water level reported 57 feet below land surface.
23bbbb	USGS	1961	118	....	.....	.....	T	...	.....	6-26-61	1,290	.....	.....	...	See log.
23ddcd1	T.Hinde	a1916	610	1½	Kdl	F 0.5m	S	...	.....	8-31-60	1,292	.....	.....	...	
23ddcd2	T.Hinde	1959	616	2½,1½	Kdl	F 3.6m	D,S	57	2,990	8-31-60	1,292	68	114	7.1	See log. Initial flow reported 10 gpm.
23ddcd3	T.Hinde	1961	611	4,2	Kdl	F 8.0m	D,S	...	.....	1-10-62	1,293	.....	.....	...	See log.
25dcab	T.Fouberg	1959	716	2	Kd2	F 6.0m	S	56	2,740	8-31-60	1,292	462	105	7.3	
26aaba	T.Fouberg	....	165	2½	Kn-c	Cy	D,S	...	2,360	8-31-60	1,291	102	228	7.4	

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- Continued.									
107-61															
26bbdd1	L.Larson	a1915	782	2	Kd2	F 2.4m	S	58	2,730	8-31-60	1,282	360	114	7.4	Copper casing.
26bbdd2	L.Larson	1951	170	3,2	Kn-c	J	D,S	...	2,450	8-31-60	1,282	51	254	7.5	Water level reported 53 feet below land surface in 1951.
26ddcb2	T.Hinde	a1945	a190	3	Kn-c	J	D,S	...	2,730	8-31-60	1,283	51	394	7.9	
27baa2	C.Christenson	1952	660	2½,1½	Kd2	F>9.0m	D,S	60	2,760	8-30-60	1,255	445	114	7.1	Initial flow reported 60 gpm.
27cdb	D.Jones	1957	735	2	Kd2	F 30m	S	61	2,690	8-30-60	1,285	533	83	7.4	See chemical analysis. Water level measured 40.15 feet above land surface on April 14, 1961.
27dabc1	L.Larson	1934	580	2½,1½	Kd1	F 4.0m	S	58	2,900	8-31-60	1,275	120	131	7.1	Initial flow reported 20 gpm.
28aaaa	USGS	1960	77	.....	.....	.....	T	...	.....	10-11-60	1,288	.....	.....	...	See log. Water level measured 7.9 feet below land surface.
28acdd	R.Schimke	1961	696	2,1¼	Kd2	F 6.5m	D,S	60	2,500	9-11-61	1,287	428	87	7.7	See log. Initial flow reported 20 gpm.
28bbbd	H.Peterson	1956	150	2½	Kn-c	Cy	S	...	1,750	4-21-61	1,290	51	166	8.4	See log.
28cdc2	D.Fredericks	1955	400	3,2	Kg	F>3.0m	D,S	56	3,000	9-6-60	1,293	28	104	7.8	See chemical analysis.
28dbad	D.Fredericks	1961	704	3,2	Kd1	Fu	S	59	2,500	9-11-61	1,290	496	87	7.7	See log. Initial flow reported 35 gpm.
29bbba1	D.&M.Scott	.....	160	2,¾	Kn-c	J	D,S	...	2,220	8-30-60	1,288	51	149	7.9	Water level reported 6 feet below land surface.
29bbbd	D.&M.Scott	.....	20	2½	Qw	Cy	S	...	.....	8-30-60	1,289	.....	.....	...	Water level reported 7 feet below land surface.
29cbb	D.&M.Scott	b1945	20	2½	Qw	Cy	S	...	.....	8-30-60	1,288	.....	.....	...	Water level reported 7 feet below land surface in August, 1960.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY – Continued.															
107-61 29dddd	D.Fredericks	1955	164	2½,1½	Kn-c	C	S	...	.....	9-6-60	1,286	.....	.....	...	Flowed until 1959. Water level reported 5 feet below land surface.
30ccaa	L.Gerleman	.....	130	3	Kn-c	Cy	S	53	2,060	8-22-60	1,292	86	131	7.8	
30dad	A.Thompson	a1938	140	...	Kn-c	Cy	D,S	...	2,240	8-22-60	1,287	51	183	7.6	
30dccd	A.Alfson	a1940	140	3,2½	Kn-c	P	D,S	...	2,230	8-30-60	1,291	51	192	7.7	Water level reported 8 feet below land surface.
31cbb	L.Estabrook	....	140	3	Kn-c	Cy	D,S	...	2,270	8-22-60	1,290	51	158	7.5	
32ccd	E.Anderson	b1904	160	3	Kn-c	Cy	S	...	2,410	8-30-60	1,293	103	219	7.3	
32dcaa	R.Peterson	1958	585	1½	Kd2	F 4.3m	S	...	2,700	8-30-60	1,287	342	122	7.4	
33dddd1	H.Hinker	a1900	144	2	Kn-c	Cy	S	...	.....	8-30-60	1,290	.....	.....	...	
33dddd2	H.Hinker	a1949	150	2½,1¼	Kn-c	P	D,S	...	2,350	8-30-60	1,290	68	192	7.4	Water level reported 14 feet below land surface in 1949.
34bcc	M.Hilton	a1955	a130	2	Kn-c	Cy	S	55	2,350	8-30-60	1,292	51	210	7.7	
34dcca1	F.Ellingson	b1904	175	1¼	Kn-c	.....	...	...	.....	.....	1-285	.....	.....	...	See log.
35aacc	T.Hinde	1959	590	3,2	Kd1	F 1.7m	S	56	2,900	8-30-60	1,271	120	122	7.6	See log.
35bcc	USGS	1961	135	...	...	.....	T	...	.....	.....	1,283	.....	.....	...	See log.
35cadb	M.Sawyer	1910	730	2¼,1½	Kd1	F 6.0m	D,S	60	2,980	8-30-60	1,275	137	114	7.2	
35cbdd	W.Irving	1958	148	2½,1½	Kn-c	J	S	...	.....	4-21-61	1,281	.....	.....	...	See log. Water level reported 36 feet below land surface on October 28, 1958.
35cdad	SDGFP	1955	148	4	Kn-c	Cy	PS	...	2,350	8-30-60	1,285	68	183	8.3	See log. Water level reported 32 feet below land surface in June 1955. Picnic area water supply.

Table 2.--Record of selected wells and test holes--continued

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- Continued															
107-61 35cddd	SDGFP	1957	25	6	Qw	Cy	PS	...	5,160	8-30-60	1,280	3,090	2	7.1	See chemical analysis; not used for drinking. Water level reported 10 feet below land surface in September 1957.
36cdcb2	V.Fairfield	1960	660	3,2	Kd2	F 2.5m	S	58	2,550	9-11-61	1,226	496	125	7.5	See log. Initial flow reported 30 gpm.
107-62 1bccc	H.Sturek	.....	160	2½	Kn-c	P	D,S	...	2,120	8-24-60	1,298	51	245	7.7	Water level reported 20 feet below land surface.
1ddcd2	J.Warren	1954	180	2,1½	Kn-c	J	D	...	2,260	8-24-60	1,296	51	262	7.8	Water level reported 13 feet below land surface in 1954.
2addd	R.Huber	.....	165	2½	Kn-c	J	D,S	...	1,980	8-23-60	1,299	51	236	7.7	
2dddd	USGS	1960	70	...	.....	.....	T	...	.....	10-6-60	1,292	.....	.....	...	See log. Water level measured 4.8 feet below land surface.
3aaaa	SDWRC	1957	40	1¼	.....	.....	O	...	.....	12-2-59	1,302	.....	.....	...	See log. Water level measured 11 feet below land surface.
3baaa	H.Lucas	.....	160	2½	Kn-c	C	D,S	...	1,710	8-23-60	1,305	86	131	7.5	
3cdcc	W.&A.Lynch	1958	160	2	Kn-c	J	S	...	.....	8-23-60	1,303	.....	.....	...	
4cccc1	M.&W.Jensen	.....	160	2½	Kn-c	Cy	S	...	.....	8-24-60	1,307	.....	.....	...	
4cccc2	M.&W.Jensen	1955	180	2½,1½	Kn-c	J	D,S	...	1,510	8-24-60	1,307	188	96	7.4	Water level reported 14 feet below land surface.
4dcc	M.&W.Jensen	1954	210	2½,1½	Kn-c	Cy	S	...	.....	8-24-60	1,303	.....	.....	...	Water level reported 14 feet below land surface.
5bcd2	L.Walter	1959	165	2	Kn or Qw	Cy	D,S	...	1,980	8-24-60	1,312	103	201	7.5	Water level reported 17 feet below land surface.
5dad	T.Gormally	1939	150	2½,1¼	Kn or Qw	P	D,S	...	1,600	8-24-60	1,307	154	87	7.4	Water level reported 12 feet below land surface.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- Continued.															
107-62 6aaaa	USGS	1960	25	....	....	.....	T	...	.....	9-9-60	1,311	.....	.....	...	See log. Water level measured 8.2 feet below land surface.
6babb	R.Hollingsworth	a1915	163	2,1¼	Kn-c	C	D,S	...	2,550	8-24-60	1,319	86	437	7.6	
6cdd	F.Davis	....	a162	3	Kn or Qw	Cy	D,S	...	1,670	8-24-60	1,323	68	105	7.6	
6ddcc2	M.&J.Goergen	1940	162	2½,1¼	Kn or Qw	Cy	D,S	...	2,460	8-24-60	1,318	291	131	7.2	Water level reported 18 feet below land surface.
7cdad2	O.Teller	1957	160	2½,1½	Kn-c	Cy	S	...	.....	10-9-57	1,310	.....	.....	...	See log. Water level reported 20 feet below land surface.
7cdad3	O.Teller	1948	148	2½,1¼	Qw	J	D	...	1,470	8-23-60	1,310	257	79	7.2	Water level reported 23 feet below land surface in 1948.
8aad2	E.Starr	1940	165	2½	Qw	P	D,S	...	1,470	8-23-60	1,308	308	79	7.2	Water level reported 25 feet below land surface in 1954.
8daad2	T.Murtha	1955	162	3,1½	Qw	J	D,S	...	1,360	8-23-60	1,317	240	79	7.3	See log. Water level reported 25 feet below land surface on November 3, 1955.
9dbda1	D.Couch	....	160	2½	Qw	Cy	S	...	.....	8-23-60	1,304	.....	.....	...	
9dbda2	D.Couch	1955	180	2,1½	Qw	J	D,S	...	1,490	8-23-60	1,304	154	70	7.7	Water level reported 23 feet below land surface in 1955.
10abaa1	J.Jensen	....	165	3	Kn or Qw	Cy	S	52	1,790	8-23-60	1,302	39	80	7.4	See chemical analysis.
10abba2	J.Jensen	1957	160	3,1½	Qw	P	D,S	...	1,730	8-23-60	1,302	51	122	8.3	Water level reported 11 feet below land surface.
11aaa1	I.&N.Turton	....	160	2½	Kn-c	Cy	S	...	2,020	8-23-60	1,298	86	228	8.1	Water level reported 10 feet below land surface in 1947.
11aaa2	C.Baysinger	1955	195	2,1½	Kn-c	J	D	...	2,010	8-23-60	1,298	51	228	8.2	Water level reported 14 feet below land surface in 1955.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- Continued.									
107-62 11ddad1	R.Patterson	1915	153	2½,1¼	Kn-c	P	D,S	...	2,270	8-23-60	1,295	68	315	7.8	
11ddad2	R.Patterson	a1955	25	2	Qw	Cy	S	...	3,050	8-23-60	1,295	1,000	26	8.1	See chemical analysis.
12acd	O.Rurode	b1945	165	2½	Kn-c	P	D,S	...	2,340	8-23-60	1,292	68	323	7.5	
12cccc	USGS	1960	70	...	.....	...	T	...	.....	10-6-60	1,292	.....	.....	...	See log. Water level measured 6.7 feet below land surface.
12cdcc1	A.Rurode	b1947	165	2½	Kn-c	J	D,S	...	2,360	8-23-60	1,296	68	393	7.9	
12cdcc2	A.Rurode	1920	165	2	Kn-c	Cy	S	...	.....	8-23-60	1,296	.....	.....	...	
12dccd	A.Flynn	.....	160	2½	Kn-c	Cy	S	51.5	2,310	8-23-60	1,295	86	262	7.9	
13ddad2	J.Wiberg	1960	140	2½	Kn or Qw	Cy	D,S	53.5	1,980	8-23-60	1,296	51	114	7.9	
14aaad1	M.Thill	1914	156	2½	Kn-c	Cy	N	...	2,280	8-23-60	1,295	68	307	7.8	
14aaad2	M.Thill	1932	154	2½,1¼	Kn-c	Cy	D	...	2,350	8-23-60	1,295	68	323	7.9	Water level reported 11 feet below land surface.
15bcbb	Brisbane & Bratsburg	.....	160	2½	Qw	P	D,S	...	1,700	8-23-60	1,302	137	114	7.9	Water level reported 6 feet below land surface in 1947.
15ccdd1	V.Baruth	.....	150	2½	Qw	Cy	S	...	1,880	8-23-60	1,328	68	114	7.9	
15ccdd2	V.Baruth	1950	155	2½,1¼	Qw	J	D,S	...	1,800	8-22-60	1,327	68	105	7.8	Water level reported 10 feet below land surface in 1950.
16bccb	J.Stevens	1959	158	2½,1¼	Qw	Cy	S	...	.....	8-23-60	1,310	.....	.....	...	
17dddb1	J.Stevens	1919	158	2½	Qw	Cy	D	...	1,610	8-23-60	1,302	171	79	7.6	Water level reported 16 feet below land surface.
17dddb2	J.Stevens	1946	156	2½,1½	Qw	Cy	S	...	1,590	8-23-60	1,302	137	70	7.7	Water level reported 15 feet below land surface in 1956.
17dddb3	J.Stevens	1912	80	2	Qw	...	N	...	.....	8-23-60	1,302	.....	.....	...	
17dddd	USGS	1961	152	...	.....	...	T	...	.....	10-17-61	1,298	.....	.....	...	See log. Water level measured 4.3 feet below land surface.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- Continued															
107-62 19adcb2	F.Rauch	1956	165	2½,1½	Qw	J	D,S	...	1,860	8-23-60	1,316	257	79	7.5	Water level reported 26 feet below land surface in 1956.
19bac	M.Vearrier	1958	148	2,1½	Qw	J	D,S	...	1,830	8-23-60	1,306	308	79	7.5	See log. Water level reported 18 feet below land surface on October 19, 1958.
19ddda2	W.Grensichen	1959	160	2,1½	Kn or Qw	P	D,S	...	1,880	8-23-60	1,307	188	87	7.4	See log. Water level reported 17 feet below land surface.
20cccc1	H.Kobriger	b1940	140	2½	Qw	P	D,S	...	1,910	8-23-60	1,308	171	96	7.7	
20dddc1	M.Ayen	b1940	a160	2½	Kn or Qw	Cy	S	...	.....	8-22-60	1,305	.....	.....	...	
20dddc2	M.Ayen	1956	152	2,1½	Qw	P	D,S	...	1,690	8-22-60	1,305	86	122	7.9	See log. Water level reported 8 feet below land surface.
21bcb	J.Budde	1947	40	2½	Qw	Cy	D,S	...	1,830	8-22-60	.....	205	87	7.8	Water level reported 8 feet below land surface in 1947.
21cdca	G.Davis	1920	150	...	Kn or Qw	P	D,S	...	1,820	11-7-60	.....	86	105	7.4	
21daaa	P.Donahue	1959	166	2,1½	Kn-c	P	D	...	1,710	6-30-59	.....	51	62	7.7	See log. Water level reported 11 feet below land surface.
21dbdb	P.Donahue	1890	775	6,4	Kd	.....	...	...	.....	.....	.....	.....	.....	...	See log. Initial flow reported more than 1,200 gpm, 250 psi. Plugged prior to 1915. This is "mill well" reported by Darton.
21dcac1	Town of Woonsocket	1916	775	2,1½	Kdl	F 20e	PS	...	2,240	1-10-62	1,305	762	74	7.1	See chemical analysis. Maintains lake level.
21dccd	Town of Woonsocket	1958	160	4,3	Kn-c	J	PS	...	.....	8-24-58	.....	.....	.....	...	School well. Water level reported 9 5 feet below land surface. Well capped in 1960.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- Continued									
107-62 21dcdb1	Town of Woonsocket	1954	735	6,4	Kdl	F 130e	PS	...	2,500	12-3-61	1,305	817	75	7.6	See chemical analysis. Maintains lake level. Water level measured 55.36 feet above land surface on December 3, 1961.
21ddcc	Town of Woonsocket	1888	725	6	Kd	.....	...	...	.....	.....	.....	.....	.....	...	See log. Stopped flowing in 1896. Initial flow reported 2,750 gpm at 250 psi by Nettleton (1892).
21dddd	A.Peterson	1960	167	2,1½	Kn-c	.....	D	...	1,960	6-28-60	1,303	51	150	7.8	See log. Water level reported 10 feet below land surface.
22ccaa	J.Swanson	1958	180	2,1½	Kn-c	.....	D	...	.....	8-24-58	1,311	.....	.....	...	See log. Water level reported 17 feet below land surface.
22cdcd	M.Kappel	1960	165	2,1½	Kn-c	.....	D	...	.....	6-27-60	1,299	.....	.....	...	See log. Water level reported 11 feet below land surface.
23aaaa	USGS	1960	84	...	...	.....	T	...	.....	10-6-60	1,294	.....	.....	...	See log.
23bbcc	J.Miller	1961	165	2½,1½	Kn-c	Cy	S	...	.....	9-11-61	1,293	.....	.....	...	See log. Water level reported 6 feet below land surface.
24bccb	W.Torwicki	1951	145	2½,1½	Kn or Qw	Cy	S	...	.....	8-23-60	1,293	.....	.....	...	Water level reported 8 feet below land surface in 1951.
24cccc1	M.Larson	1959	165	2,1½	Kn-c	J	D	...	1,950	8-22-60	1,295	51	105	82	See log. Water level reported 9 feet below land surface.
24ccd	E.Larson	1946	155	2½,1¼	Kn-c	J	D,S	...	1,930	8-22-60	1,295	68	105	7.8	Water level reported 4 feet below land surface in 1946.
24dccb2	J.Miller	a1947	160	2,1¼	Kn or Qw	P	D,S	...	1,950	8-22-60	1,297	51	105	8.3	Water level reported 12 feet below land surface.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- Continued															
107-62 25aaaa1	E.Weatherford	....	12	24	Qw	...	N	...	214	8-17-48	.....	107	4	8.0	See chemical analysis. Water level reported 6 feet below land surface.
25bbbc1	B.Schelske	....	160	2½	Kn-c	Cy	S	...	1,900	8-22-60	1,296	34	105	8.1	
25bbbc2	B.Schelske	1953	160	2,1½	Kn-c	J	D	...	1,910	8-22-60	.....	51	114	8.1	Water level reported 7 feet below land surface.
25cdcc2	M.Forbes	1954	700	2½,1½	Kd2	F>10.0m	S	59	2,520	8-22-60	1,292	496	114	7.8	Initial flow reported 35 gpm.
25cdcc3	M.Forbes	1952	140	2	Kn or Qw	P	D	...	2,010	8-22-60	1,292	51	131	8.2	Water level reported 30 feet below land surface in 1952.
26aaaa	USGS	1960	117	...	.....	...	T	...	.....	10-7-60	1,294	.....	.....	...	See log. Water level measured 17 feet below land surface.
26abba1	N.Schabot	....	160	2½	Kn-c	Cy	S	...	1,940	8-22-60	1,298	51	122	8.2	
26bbab2	J.Murtha	1958	148	2,1½	Kn-c	Cy	D,S	...	1,850	8-22-60	1,296	86	105	8.3	See log. Water level reported 7 feet below land surface on October 29, 1958.
26cbbc	F.Howard	....	140	2½	Kn-c	P	D,S	...	2,040	8-22-60	1,296	51	122	7.9	
27aab1	A.McDowall	1938	160	2½,1¼	Kn-c	P	D,S	...	1,860	8-22-60	1,300	51	96	8.2	
27baad	B.Moran	1956	153	2½,1½	Kn-c	P	D	...	.....	12-27-61	1,298	.....	.....	...	See log. Water level reported 10 feet below land surface on February 4, 1956.
27dcdd	D.Swenson	1958	168	2,1½	Kn-c	J	D	...	2,260	8-22-60	1,301	34	114	7.5	See log. Water level reported 12 feet below land surface on October 12, 1958.
28aaba2	Town of Woonsocket	1932	163	8	Kn-c	T	PS	...	.....	1-10-62	.....	48	84	7.6	See chemical analysis. Main city well.
28aaca	W.Basham	1956	160	2,1½	Kn-c	Cy	D	...	1,940	12-27-61	1,304	68	138	7.8	See log. Water level reported 15 feet below land surface on November 20, 1956.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- continued.															
107-62 28aacb	Town of Woonsocket	1922	163	6	Kn-c	T	PS	...	.....	1-10-62	1,305	66	96	8	See chemical analysis. Auxiliary city well (summer).
28abab	Sanborn County	1929	158	2½,1¼	Kn-c	P	PS	...	.....	11-18-61	.....	.....	.....	...	Emergency supply for courthouse.
28addd	D.Spracklin	1961	188	2,1½	Kn-c	...	D	...	.....	11-18-61	1,303	.....	.....	...	See log. Water level reported 14 feet below land surface.
29aaaa	R.Parsons	.....	160	2½	Kn-c	...	D,S	...	1,720	8-22-60	1,304	68	105	7.8	
29bbaa	M.Anderson	1946	160	3	Kn-c	Cy	D,S	...	1,830	8-22-60	1,302	103	122	7.8	
30baaa1	E.McCormack	b1940	160	2½	Kn-c	Cy	D,S	52	1,930	8-22-60	1,300	171	140	7.7	
30baaa2	E.McCormack	b1940	150	2½	Kn-c	Cy	S	...	.....	8-22-60	1,298	.....	.....	...	
30ccbd2	M.Anderson	1952	181	3,2	Qw	Cy	D,S	...	1,500	8-22-60	1,338	212	70	7.6	Water level reported 61 feet below land surface in 1952.
31abbc2	W.Burtwistle	.....	a140	3,2	Kn-c	J	D,S	...	1,930	8-22-60	1,320	86	122	8.2	Water level reported 29 feet below land surface in November 1960.
32daab	J.Schroeder	b1940	a135	3,1½	Kn-c	Cy	D,S	...	2,250	8-22-60	1,297	86	149	7.9	
33abba2	V.Trudeau	1950	160	2½,1¼	Kn-c	J	D,S	...	1,980	8-22-60	1,308	51	105	7.8	Water level reported 16 feet below land surface in 1950.
33cbba	A.Larson	1959	148	2½,1½	Kn-c	Cy	S	...	2,200	11-2-59	1,300	103	149	7.8	See log. Water level reported 11 feet below land surface in November, 1959.
33dada	W.Goergan	1945	142	3,2	Kn-c	P	D,S	...	2,060	8-22-60	1,305	51	122	7.8	Water level reported 15 feet below land surface.
33dddd	USGS	1961	152	...	.....	...	T	...	.....	10-18-61	1,300	.....	.....	...	See log. Water level measured 12 feet.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- Continued															
107-62 35aaaa1	USGS	1960	75	...	....	...	T	...	.....	10-7-60	1,287	.....	.....	...	See log. Water level measured 6.68 feet below land surface.
35aaaa2	SDWRC	1957	70	1¼	....	...	T,O	...	.....	.....	1,287	.....	.....	...	See log.
35aadd	Duane Swenson	1960	161	3,1½	Kn-c	...	S	...	....	8-22-60	1,286	.....	.....	...	See log. Initial flow reported 4 gpm. Water level reported 1.5 feet above land surface on June 14, 1960; measured .25 feet above land surface on August 22, 1960.
35bcba	T.&F.McCall	.....	160	2½	Kn-c	Cy	D,S	...	.....	10-28-59	1,300	.....	.....	...	
35cddc1	A.Ross	b1910	a160	3,1¼	Kn-c	P	D,S	...	2,350	10-28-59	1,301	51	114	7.9	
35cddc2	A.Ross	a1906	a160	3,1¼	Kn-c	Cy	S	...	.....	10-28-59	1,301	.....	.....	...	
36caaa	Donald Swenson	1955	157	2½,1½	Kn-c	Cy	S	...	2,380	8-30-60	1,289	51	158	7.8	Water level reported 1 foot below land surface in 1955.
36cccc	USGS	1960	75	....	...	.....	T	...	.....	10-7-60	1,287	.....	.....	...	See log. Water level measured 2.4 feet below land surface.
108-59 1aab	R.Brace	1902	850	2	Kdl	C	D,S	...	.....	5-27-60	.....	.....	.....	...	Initial flow reported 90 gpm; flow reported 3 gpm in 1926; flowed until 1945. Water level reported 2 feet below land surface.
1ccdd	L.Mosier	1920	900	1¼	Kdl	F 1.1m	D,S	59	2,880	5-11-60	.....	68	183	8.2	Flow reported 2 gpm in 1926.
1ddcd	K.Reed	1916	800	2½,1¼	Kdl	F 0.75m	S	59.5	2,840	5-11-60	.....	51	175	8.2	Flow reported 3 gpm in 1926.
2ddcd	L.Mosier	1921	800	1¼	Kdl	F 0.5e	S	57	2,810	5-11-60	.....	51	175	7.8	Flow reported 3 gpm in 1926.
3dccd	H.Grassel	a1918	a780	2	Kdl	F 2.0m	D,S	57	2,750	5-11-60	.....	51	149	7.3	

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- Continued									
108-59 4daa	H.Headlee	1953	155	3,2	Kn-c	Cy	D,S	...	2,910	5-12-60	.....	55	128	7.6	See chemical analysis. Water level reported 22 feet below land surface in 1953.
5dcaa	R.Unterbrunner	1952	742	2½,1½	Kdl	F 2.4m	S	...	2,660	5-12-60	1,328	171	158	7.8	
6bcca	S.Noack	1947	204	....	Kn-c	Cy	S	59	1,940	5-17-60	.....	377	131	7.3	
6bccc	SDGS	1961	145	....	....	.....	T	...	.....	10-21-61	1,323	.....	.....	...	See log. Water level measured 24.6 feet below land surface.
6cbbb	M.Kopplin	1924	a800	2	Kdl	F 0.4m	D,S	57	2,610	5-17-60	.....	223	175	7.8	
6dddd	A.Tysdale	1916	1000	1¼	Kdl	F 0.1e	N	...	2,530	5-17-60	.....	223	166	7.9	Flow reported 3 gpm in 1926.
7cccc	USGS	1961	120	....	....	.....	T	...	.....	7-8-61	1,321	.....	.....	...	See log.
7cdda	R.Ward	1911	760	¾	Kd2	F 0.7m	S	56	2,500	5-17-60	.....	325	166	7.8	Initial flow reported 120 gpm.
7dccd	R.Ward	1960	175	4	Qa	Cy	D,S	...	2,020	5-17-60	.....	411	114	7.5	
8bdd	M.Wormstadt	1944	786	2½,1¼	Kdl	F 5.5m	S	60.5	2,530	5-17-60	1,323	257	158	7.7	
8ddcd1	R.Unterbrunner	1958	143	4	Kn-c	J	D,S	...	2,080	5-12-60	1,322	223	298	7.6	Water level reported 14 feet below land surface in 1958.
8ddcd2	R.Unterbrunner	1912	800	1¼	Kdl	F 3.0m	D,S	...	2,820	5-12-60	.....	86	166	8.1	Flow reported 40 gpm in 1926.
9cbbd	W.Grassel Estate	1955	637	3,1¼	Kdl	F 5e	S	...	2,750	5-11-60	.....	86	166	7.8	Initial flow reported 6 gpm.
9cccc	USGS	1961	110	....	....	.....	T	...	.....	7-11-61	1,319	.....	.....	...	See log.
10bbbb	E.Hostler	1955	159	3,2	Kn-c	Cy	S	...	.....	5-12-60	.....	.....	.....	...	Water level reported 16 feet below land surface in 1955.
10cddc	E.Hostler	1919	800	2	Kdl	.....	D,S	...	2,650	5-12-60	.....	205	158	7.8	Flow reported 3 gpm in 1919; quit flowing in 1959.
10dddd1	O.Maddock	1948	215	3,2	Kn-c	Cy	D,S	...	2,280	5-17-60	.....	188	840	7.7	Water level reported 30 feet below land surface in 1948.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- Continued.															
108-59 10dddd2	USGS	1961	129	...	...	....	T	...	.....	7-10-61	1,351	.....	.....	...	See log.
11adda	W.Starzl	b1904	224	2	Kn-c	J	D,S	...	2,940	5-11-60	1,359	86	1,290	7.6	
11bbab	M.Taller	1918	825	1¼	Kdl	F 0.1m	S	...	2,870	5-12-60	.....	51	183	8	Flow reported 10 gpm in 1926.
11ddaa1	C.Legg	1947	229	2½,2	Kn-c	Cy	S	48	2,660	5-12-60	.....	86	1,050	7.9	Water level reported 30 feet below land surface in 1947.
11ddaa2	C.Legg	1916	850	1¼	Kdl	Fu	D,S	...	2,890	5-12-60	.....	51	183	7.7	Flow reported 5 gpm in 1926.
12aaab	USGS	1961	59	...	...	....	T	...	.....	7-11-61	1,363	.....	.....	...	See log.
12ddcd	W.Zilko	1922	800	2	Kdl	Cy,F .25m	D,S	...	3,010	5-12-60	.....	51	175	8.1	Flow reported 3 gpm in 1926.
13adad1	D.DeJong	1954	1015	3,2	Kdl	F>7.5	D,S	58	2,950	5-11-60	.....	129	162	7.7	See chemical analysis. Initial flow reported 30 gpm.
13adad2	D.DeJong	1912	750	2	Kdl	Fu	D	...	.....	5-11-60	.....	.....	.....	...	Flow reported 2 gpm in 1926.
13dddd	USGS	1961	107	...	...	....	T	...	.....	6-30-61	1,368	.....	.....	...	See log.
15aaaa	O.Maddock	1947	199	2½,2	Kn-c	Cy	S	...	2,260	5-12-60	.....	171	770	7.7	Water level reported 45 feet below land surface in 1947.
15bcdc	J.Grassel	1953	610	2½,1½	Kdl	F 2.1m	S	...	2,740	5-12-60	1,332	68	183	8	See log. Initial flow reported 7 gpm.
15ddaa	H.Grassel	a1900	240	2	Kn-c	Cy	D,S	...	2,170	5-12-60	.....	205	175	7.9	
16cccb	W.Grassel Estate	1954	694	2½,1¼	Kdl	F 2.6m	S	59	2,650	5-12-60	.....	223	289	7.5	Initial flow reported 9 gpm.
16ddcc	J.Grassel	1957	158	4	Qa	T	D,S	...	2,380	5-12-60	.....	462	114	7.4	Water level reported 36 feet below land surface in 1957.
18abba	R.Ward	a1930	80	2	Qa	C	S	...	.....	5-12-60	.....	.....	.....	...	
18cdcc	C.Graves	1919	720	1¼	Kdl	F 0.4m	S	...	2,650	5-12-60	.....	274	158	7.8	Flow reported 15 gpm in 1926.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- Continued									
108-59 19aadc	J.Vlach	1922	162	2½	Qa	Cy	D,S	...	2,380	5-12-60	.....	582	114	7.6	
19dcbd1	C.Graves	1952	140	3,2	Qa	J	D,S	...	2,100	5-11-60	.....	325	114	7.4	Water level reported 12 feet below land surface in 1952.
19dcbd2	C.Graves	1949	140	2½,1¼	Qa	Cy	S	...	2,040	5-11-60	....	291	114	7.5	Water level 26 feet below land surface in 1949.
20aaad	W.Grassel Estate	1930	741	2,1¼	Kdl	F 2.1m	S	...	2,650	5-11-60	.....	205	166	7.8	Initial flow reported 10 gpm.
20cddb	J.Effling	1959	730	2,1½	Kdl	F 9.7m	S	60	3,000	5-11-60	1,307	250	80	7.7	See chemical analysis. Water level measured 29.72 feet above land surface on April 14, 1961.
21abaa	J.Grassel	1956	730	3,2	Kdl	F 1.1m	S	...	2,940	5-12-60	1,343	68	158	7.8	See log.
21bcda	J.Effling	1954	696	2½,1¼	Kdl	F 3.9m	S	58.5	2,650	5-11-60	.....	223	175	7.7	Initial flow reported 6 gpm.
21cccc1	J.Effling	1960	150	4	Qa	J	D,S	...	2,410	5-11-60	.....	702	96	7.4	
22babc	H.Grassel	.....	a240	2½	Kn-c	Cy	S	...	2,840	5-12-60	.....	68	1,260	7.8	
22cccc1	J.Austerman	1905	a120	2	Qa	Cy	D,S	...	2,700	5-11-60	1,349	401	89	7.4	See chemical analysis.
22cccc4	J.Austerman	1952	690	2	Kdl	....	N	...	.....	.....	1,349	.....	.....	...	See log.
23ccdc	C.Austerman	a1904	a810	2	Kdl	F 1.5m	D,S	60	2,650	5-11-60	.....	154	166	8.0	
23ddda	E.Hein	1890	167	2	Kn-c	.....	...	...	.....	.....	1,353	.....	.....	...	See log.
24aadd	J.Heinrich	1951	226	...	Kn-c	J	D,S	...	2,630	5-11-60	.....	86	910	7.9	Water level reported 56 feet below land surface in 1960.
24cccd	Rowan Brothers	a1900	800	1¼	Kdl	F 0.75m	D,S	...	2,900	5-10-60	.....	68	158	7.9	
25aacc	Rowan Brothers	1941	151	2	Kn-c	Cy	S	48	2,570	5-10-60	.....	86	1,010	8.0	Water level reported 8 feet below land surface in 1941.
25ccdd	V.Rowan	1921	703	1¼	Kdl	F 0.5m	S	48	2,970	5-11-60	.....	51	166	7.8	Flow reported about 10 gpm in 1926.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- continued									
108-59 25dcdd	P.Miller	1922	700	2,1¼	Kdl	Fu	D,S	...	2,960	5-11-60	.....	51	175	8.0	
26bccb	B.Putnam	a1940	999	1	Kdl	F 3.75m	D,S	61	2,980	5-11-60	.....	137	245	8.0	Copper casing.
26ddaa	B.Putnam	a1940	a140	2½	Kn-c	Cy	N	48	1,990	5-11-60	.....	51	875	8.7	
27aadd1	L.Putnam	1928	a939	2	Kdl	F>12	D,S	60	2,840	5-11-60	.....	137	210	7.6	
27cddc	L.Cote	b1910	a900	2	Kdl	F 3.4m	D,S	58.5	2,790	5-10-60	.....	120	166	7.3	
28aabb	J.Austerman	.....	802	¾	Kdl	Cy	S	54	2,700	5-11-60	.....	205	158	7.2	Fx until 1940; recased in 1941 and flowed until 1950.
29cccc	V.Olson	1950	130	2	Qa	Fu	S	...	2,450	5-6-60	.....	462	96	7.4	
30baac1	M.Hamilton	1914	750	2	Kdl	F 3.4m	S	58	2,700	5-10-60	.....	291	158	7.5	Flow reported 30 gpm in 1926.
30cdab	E.Watsnauer	1918	735	2	Kdl	F>4.4	D,S	56.5	2,720	5-10-60	.....	291	175	7.7	Flow reported about 30 gpm in 1926.
31abdd	A.&E.Brown	1955	380	3,2	Kc	F 1.9m	S	53	3,390	5-10-60	.....	68	140	7.8	Initial flow reported 20 gpm.
31ddcc	SDGS	1961	105	...	...	.....	T	...	.....	10-18-61	1,312	.....	.....	...	See log. Water level measured 15.5 feet below land surface.
32cddc	J.Samuelson	b1920	a580	1¼	Kdl	F>3.2	D,S	57	2,700	5-6-60	.....	291	183	7.8	
33badd1	H.Effling	a1907	a700	2	Kdl	F 0.7m	D,S	57	2,750	5-6-60	.....	291	201	7.7	
33cbcb	G.Klinkner	.....	22	2	Qa	Cy	S	...	.....	5-6-60	.....	.....	.....	...	
34abaa	R.Hetland	.....	927	2	Kdl	F 1.2e	S	60	2,760	5-10-60	.....	223	192	7.6	
35cccc	J.Kempf	1950	924	3,1½	Kd2	F 17.1m	D,S	62	2,720	5-9-60	.....	342	175	7.6	Initial flow reported 40 gpm.
36aad	P.Miller	a1957	170	2½	Kn-c	Cy	S	...	.....	5-9-60	.....	.....	.....	...	
36dccc	M.Nelson	1921	750	1¼	Kdl	F 1.1m	D,S	53	2,700	5-10-60	.....	154	166	7.8	Flow reported 12 gpm in 1926.
108-60 1bcab	A.Noack	a1920	a157	3	Kn-c	Cy	S	...	.....	5-17-60	.....	.....	.....	...	Initial flow reported 12 gpm.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- Continued									
108-60 1cbcb1	A.Noack	1949	770	2½,1½	Kdl	F>3.0	D,S	56	2,520	5-17-60	.....	291	166	7.7	
1dccc	S.Noack	1951	150	3,2	Kn-c	P	D,S	...	1,680	5-17-60	.....	291	140	7.3	Water level reported 24 feet below land surface in 1951.
3bcdd	A.Newman	1947	793	1½	Kd2	F>4.0	D,S	61	2,730	5-23-60	1,311	445	201	7.5	Initial flow reported 20 gpm. Copper casing.
4addd	A.Newman	1945	120	3,2	Qa	Cy	S	50	2,210	5-23-60	1,319	403	98	7.4	See chemical analysis. Water level reported 22 feet below land surface in 1945.
5cdcb2	R.Rhoads	1953	165	3,2	Kn-c	J	D,S	...	2,100	5-23-60	1,317	103	140	7.6	Water level reported 31 feet below land surface in 1953.
6bcbb	SDGS	1961	180	...	...	....	T	...	.....	10-21-61	1,294	.....	.....	...	See log. Water level measured 43.5 feet below land surface.
6cbbb	M.McCoy	a1906	a760	2	Kdl	F 4.8m	D,S	...	2,660	5-23-60	1,301	129	166	7.9	
7aab	L.Ingle	....	150	3	Kn-c	Cy	S	50	2,030	5- -60	1,315	68	228	8.2	
7bbbb	J.Hansen	a1956	a179	3	Kn-c	Cy	S	50	2,240	5-24-60	1,312	86	945	7.6	
7cdcd2	J.Hansen	a1949	967	2½,1½	Kd3	F>4.0	D,S	63	2,320	5-23-60	1,330	1,096	149	7.3	Initial flow reported 30 gpm.
8dddd	USGS	1961	130	....	....	....	T	...	.....	7-6-61	1,323	.....	.....	...	See log.
9abaa	W.Johannsen	....	120	2½	Qa	Cy	S	50	2,190	5-23-60	1,304	531	105	7.2	
9bbbc3	R.Rhoades	1950	965	1½	Kd3	F 10m	D,S	64	2,540	5-23-60	1,315	890	175	7.2	Initial flow reported 100 gpm. Copper casing.
9bbbc4	R.Rhoades	a1950	160	2	Kn-c	P	D,S	...	.....	5-23-60	1,315	.....	.....	...	
10abad	H.Johannsen	a1916	a140	2	Kn-c	P	D,S	...	1,620	5-17-60	1,312	240	149	7.3	
10bbab	E.McCann	....	180	...	Qa	Cy	D,S	...	2,030	5-23-60	1,311	325	131	7.2	
10cdd	E.Kempf	1950	180	3,2	Qa	Cy	D,S	46	2,130	5-23-60	1,322	462	131	7.2	Water level reported 36 feet below land surface in 1950.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- Continued															
108-60 10dddd	USGS	1961	126	.....	...	.....	T	...	.....	7-6-61	1,324	.....	.....	...	See log.
11cccc1	O.Maddock	a1939	160	2	Qa	Cy	N	...	.....	5-17-60	1,325	.....	.....	...	
11cccc2	O.Maddock	a1958	a165	4	Qa	T	D,S	...	2,020	5-17-60	1,325	428	114	7.2	
11cccc3	O.Maddock	1942	961	1¼	Kd2	F 2.0m	S	60	2,490	3-16-59	1,324	633	236	7.2	Initial flow reported 12 gpm. Copper casing.
11dddc	G.Bauer	1925	a190	2½	Kn-c	Cy	D,S	...	1,540	5-17-60	.....	103	149	7.3	
12bdc	M.Wormstadt	1954	760	3,2	Kd2	F 10m	S	61	2,470	5-17-60	.....	342	140	7.6	
13aaab1	M.Wormstadt	1958	a150	4	Qa	S	D,S	...	3,010	5-17-60	.....	342	105	7.3	
13aaab2	M.Wormstadt	1948	990	2,1½	Kdl	F 1.3m	S	57	2,510	5-17-60	.....	188	201	7.9	Initial flow reported 5 gpm.
13aaab3	M.Wormstadt	1930	1092	2½,1½	Kdl	F 0.2m	S	...	2,790	5-17-60	.....	257	289	7.8	Initial flow reported 5 gpm.
13daaa1	E.Wormstadt	1947	773	1	Kdl	F 2.0m	S	...	2,710	5-12-60	.....	291	183	7.7	Initial flow reported 9 gpm. Copper casing.
13daaa2	E.Wormstadt	1939	788	1¼	Kd2	F 2.0m	D,S	...	2,680	5-12-60	.....	325	183	7.7	Initial flow reported 15 gpm. Copper casing.
14dccc1	A.Bauer	1951	140	3,2	Qa	J	D,S	...	3,000	5-17-60	1,323	342	131	7.2	Water level reported 24 feet below land surface in 1951.
14dccc2	A.Bauer	1941	160	3,2	Qa	Cy	S	...	.....	5-17-60	1,323	.....	.....	...	Water level reported 30 feet below land surface in 1941.
15abbd	E.Kemph	1942	140	3,2	Qa	Cy	S	49	3,110	5-17-60	1,316	582	105	7.3	
15bbbc	P.Johannsen	1937	795	3,2	Kd2	F 0.4m	D,S	...	2,530	5-17-60	1,321	377	158	7.8	Initial flow reported 18 gpm.
16cdaa	O.Maddock	1929	931	2½,1½	Kd2	F 20.0m	S	63	2,450	5-17-60	1,318	873	158	7.3	Drilled in 1929 to 903 feet; initial flow reported 6.5 gpm. Redrilled in 1945 to 931 feet; initial flow reported 35 gpm.
17aaaa2	G.Crandell	1951	900	3,2	Kd2	F>6.7	D,S	64	2,380	5-17-60	1,325	788	183	7.4	Initial flow reported 60 gpm.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- Continued									
108-60															
17abab1	C.Thomas	a1941	180	3	Kn-c	Cy	S	49	2,210	5-23-60	1,321	103	140	7.9	
17dadc3	C.Thomas	1954	180	3,2	Qa	J	D,S	...	2,180	5-23-60	1,316	428	114	7.3	Water level reported 23 feet below land surface in 1954.
18cbcd1	F.Wormstadt	1944	946	1½	Kd3	F 100e	D,S	63	2,360	5-24-60	1,312	1,147	158	7.2	Initial flow reported 80 gpm. Copper casing.
19bbb1	A.Pearson	1950	865	3,2	Kd2	F>4.0	D,S	...	2,320	5-24-60	1,295	668	131	7.4	
20abbb	H.Edwards	a1944	150	...	Kn-c	Cy	D,S	...	1,850	5-24-60	1,317	171	219	7.6	
20baa1	A.Edwards	....	a500	2	Kg	F 5.0m	D,S	55	2,840	5-24-60	1,316	6	162	8.2	See chemical analysis.
21abba	H.Effling	1954	758	2½,1½	Kdl	F 2.2m	D,S	...	2,720	5-17-60	1,322	274	158	7.8	Initial flow reported 4 gpm.
21dddc	G.Crandell	1961	735	4,2	Kd	F 4.0m	D,S	60	2,730	12-27-61	1,310	171	188	7.8	See log. Initial flow reported 6 gpm.
23bbba1	A.Hollander	1951	959	1½	Kd2	Fu	D,S	...	2,780	5-10-60	1,317	745	172	7.2	See chemical analysis. Drilled to 755 feet in 1951, flow reported 7 gpm; later drilled to 959 feet, flow reported 32 gpm at 40 psi. Copper casing.
23cccd1	N.Drake	1946	720	3,2	Kdl	Fu	D,S	56	2,800	5-10-60	1,315	274	158	7.7	Initial flow reported 15 gpm.
23cccd2	N.Drake	1924	455	1¼	Kg	F0.75m	D,S	52	2,720	5-10-60	1,315	120	201	8.1	
24dddd1	H.Sizer	a1900	769	2	Kdl	F 4.5m	D,S	55	2,720	5-10-60	.....	86	175	7.7	
24dddd2	USGS	1961	152	...	...	.....	T	...	.....	9-19-61	1,325	.....	.....	...	See log.
25cccc	M.Eining	1918	664	2	Kdl	F 3.4m	D,S	57	2,870	5-10-60	.....	120	131	7.3	
25ddda	D.Eining	a1945	166	2½	Qa	Cy	S	47	2,300	5-10-60	.....	445	114	7.3	
26abb1	A.Bauer	a1958	a170	...	Qa	J	D,S	...	2,230	5-10-60	.....	548	105	7.4	
27aadc	A.Hallander	a1938	147	2½	Qa	Cy	S	47	1,600	5-10-60	1,305	291	87	8.1	
27cccc2	USGS	1960	117	...	...	....	T	...	5,700	9-14-60	1,300	1,600	160	...	See log and chemical analysis.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- Continued															
108-60 27cddd1	A.Alt	a1946	a85	2,1½	Qa	F 5.0m	S	50	.....	11-2-55	1,297	.....	.....	...	Well cut off at bottom of stock dugout in 1960.
27dccb	O.Maddock	1950	80	2	Qa	F 1.5m	S	49	2,080	5-10-60	1,303	616	87	7.2	Initial flow reported 8 gpm.
28cbcc1	O.Zimmerman	a1925	a135	2	Qa	F 0.9m	S	52	2,010	5-24-60	1,300	291	140	7.4	
28bddd	C.&D.Pearson	a1948	a125	2	Qa	F 3e	S	...	.....	5-24-60	1,297	.....	.....	...	
28cbcc2	O.Zimmerman	1952	139	2	Qa	J	D	...	2,010	5-24-60	1,305	308	131	7.2	
29aab1	J.Mauer	1922	180	3,2	Kn-c	J	D	...	2,020	5-25-60	1,306	240	166	7.6	
29aab2	J.Mauer	a1908	a785	2	Kdl	F 3r	D,S	58.5	2,530	5-24-60	1,306	240	140	8.2	
29aab3	J.Mauer	1893	76	2	Qa	...	...	...	.....	.....	1,306	....	.....	...	See log. Flow reported 2 gpm in 1895.
29dab1	E.Pearson	1941	121	2	Qa	J	D,S	...	2,020	5-25-60	1,302	291	175	7.3	
29dab2	E.Pearson	1955	120	2	Qa	F 0.5m	S	49.5	2,270	5-24-60	1,302	263	219	8.0	See chemical analysis. Initial flow reported 3 gpm.
29dab4	E.Pearson	1890	74	2	Qa	.....	...	...	.....	9-23-95	1,295	.....	.....	...	See log. Flow reported 5 gpm. Water level measured 16 feet above land surface in 1895.
30bbb1	D.Rogers	1947	699	2½,1¼	Kdl	F 0.9m	D,S	55	2,540	5-24-60	1,285	240	131	8.2	
30dada	J.Mauerer	a1945	a145	2	Qa	Cy	S	50	590	5-26-60	1,277	17	43	10	
31ddda	C.&D.Pearson	1957	a975	3	Kdl	F 4.6m	S	58.5	2,760	5-24-60	1,288	188	96	7.9	
32cddd	SDGS	1961	60	...	...	.....	T	...	.....	10-27-61	1,291	.....	.....	...	See log. Water level measured 8 5 feet below land surface.
33abba	A.Alt	1950	129	2	Qa	J	D,S	...	2,050	5-25-60	1,301	616	96	7.3	
33ccb	J.Spellburg	a1944	60	3	Qa	Cy	D,S	49	2,240	5-24-60	1,304	591	56	7.2	See chemical analysis.
34caad	L.Skow	1955	121	2	Qa	F 15e	S	49	.....	5-25-60	1,296	.....	.....	...	Initial flow reported 10 gpm.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- Continued															
108-60 35dddc	K.Davison	1959	122	2	Qa	F 8.7m	S	50	2,320	5-3-60	1,299	562	77	7.3	See log and chemical analysis. Initial flow reported 12 gpm at 1 foot above land surface; water level reported 2 feet above land surface January 16, 1959.
36ddcc	E.Looby	1955	120	2	Qa	F 4e	S	50	2,240	5-10-60	.....	548	114	7.7	Initial flow reported 17 gpm.
108-61 1ccbc1	Ivan Hopper	1948	750	2½,1½	Kd	Fs	N	...	.....	10-21-60	1,295	.....	.....	...	Initial flow reported 9 gpm; dropped to a trickle in 1951. Water level reported 1.5 feet above land surface on October 21, 1960.
1ccbc2	Ivan Hopper	1957	800	2,1¼	Kd2	F 3.6m	D,S	63	2,630	10-21-60	1,296	531	210	7.3	Initial flow reported 9 gpm. Copper casing.
1ccbc3	Ivan Hopper	1938	765	2½,1¼	Kd	Fs	S	...	.....	10-21-60	1,300	.....	.....	...	Initial flow reported 12 gpm.
2adba2	S.Pearson	1947	866	1,¾	Kd3	F>6.0m	D,S	66	2,610	10-21-60	1,299	1,079	219	7.2	Initial flow reported 8 gpm. Copper casing.
2adba3	S.Pearson	....	160	...	...	N	N	50	1,970	7-7-47	1,299	36	255	7.5	See chemical analysis.
4bcba1	W.Hegg	b1910	80	2	Qw	J	D,S	52	2,170	10-20-60	1,294	664	65	7.5	See chemical analysis. Water level reported 25 feet below land surface.
4bcba2	W.Hegg	1954	110	3½	Qw	J	D,S	...	2,000	10-20-60	1,294	582	87	7.2	
4ccd1	T.Hegg	....	80	30	Qw	....	N	...	2,180	10-20-60	1,298	616	60	7.4	See chemical analysis. Water level measured 20 feet below land surface.
4dcdc1	O.Brueske	1947	720	1¼	Kd1	F>5.5	D,S	61.5	2,910	10-20-60	1,292	154	192	7.5	Initial flow reported 12 gpm. Copper casing.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- Continued															
108-61 5cddd1	E.Fenske	....	40	18	Qw	Cy	S	50	2,130	10-20-60	1,296	444	102	7.8	See chemical analysis. Water level reported 25 feet below land surface in 1947.
5cddd2	E.Fenske	1958	108	2	Qw	J	D,S	...	2,020	10-20-60	1,296	308	175	7.6	See log. Water level reported 23 feet below land surface on October 1, 1958.
5dcd1	E.Fenske	...	85	24	Qw	Cy	S	48	5,180	10-20-60	1,296	2,800	183	7.3	See chemical analysis. Water level reported 30 feet below land surface in 1947.
6adda	G.Johnson	....	865	1¼,¾	Kdl	F 4r	D,S	59.5	2,800	10-20-60	1,292	154	166	7.7	
6cccc1	C.Hegg	....	400	...	Kg or Kc	Fs	N	50	2,650	6-5-47	1,307	59	665	7.8	See chemical analysis.
6cccc2	C.Hegg	1956	a100	2	Qw	Cy	D	50	1,560	10-21-60	1,307	428	87	7.6	
6ddcd1	W.Kukuk	....	55	18	Qw	Cy	S	30	1,980	10-20-60	1,296	552	68	7.8	See chemical analysis. Water level reported 50 feet below land surface.
6ddcd2	W.Kukuk	1954	65	12	Qw	J	D,S	...	1,760	10-20-60	1,296	240	114	7.5	Water level reported 20 feet below land surface.
7aad	W.Hansen	1947	772	2	Kdl	F 4.0m	D,S	56.5	2,820	10-20-60	1,302	291	175	7.5	
7babb1	G.Johannsen	....	40	36	Qw	.....	N	50	2,230	6-5-47	1,308	780	86	7.4	See chemical analysis. Water level reported 30 feet below land surface in 1947.
7babb2	G.Johannsen	1956	83	2	Qw	Cy	D,S	...	.....	10-20-60	1,308	.....	.....	...	
7cccc	USGS	1961	130	...	...	.....	T	...	.....	7-1-61	1,302	.....	.....	...	See log.
9aadc	C.Hegg	....	Spring	...	Qw	F 3e	S	49	1,610	10-20-60	1,250	291	105	7.8	
9abac	C.Hegg	1947	710	¾	Kdl	F>4.7	D,S	60	2,890	10-20-60	1,292	205	140	7.7	Copper casing.
9daab	N.Hegg	a1912	705	2	Kdl	F>2.0	D,S	58.5	2,890	10-20-60	1,295	240	183	7.4	
10addd	USGS	1961	124	...	...	.....	T	...	.....	7-5-61	1,283	.....	.....	...	See log.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- Continued															
108-61 10cbbc	N.Hegg	1961	140	2½	Kn-c	Cy	S	52	2,300	9-11-61	1,288	138	638	7.5	See log. Water level reported 31 feet below land surface in June, 1961.
10cddd	USGS	1961	87	...	...	.....	T	...	.....	10-14-61	1,227	.....	.....	...	See log.
10daad	C.Hegg	1945	700	2	Kd2	F 2.0m	D,S	60	2,810	10-21-60	1,285	377	158	7.6	
11abaa	H.Hanson	1947	780	2½,1¼	Kdl	F 2.4m	S	58	2,850	10-21-60	1,310	308	149	7.6	Initial flow reported 25 gpm.
11abaa3	H.Hanson	1958	110	1½	Qw	Cy	D	...	2,920	10-21-60	1,310	496	105	7.3	
12aaac	R.Rhoods	b1904	150	...	...	.....	...	...	.....	.....	1,295	.....	.....	...	See log.
12bbaa2	I.Hopper	1951	790	1	Kd2	F 10r	D,S	...	2,750	10-21-60	1,295	496	158	7.3	Copper casing.
13aaba	USGS	1961	158	...	...	.....	T	...	.....	7-5-61	1,318	.....	.....	...	See log.
13bcbb	S.Pearson	1960	135	3	Qw	Cy	S	...	.....	10-21-60	1,325	.....	.....	...	
15dccc1	E.Hagman	a1915	685	2	Kdl	F 0.7m	S	56	2,910	10-20-60	1,308	154	158	7.8	
15dccc2	E.Hagman	1954	807	3,2	Kdl	F>5.0	D,S	60	2,820	10-20-60	1,308	291	158	7.6	See log. Initial flow reported 45 gpm.
17aacc	W.Brosnan	1956	169	16	Qw	.....	I	...	1,760	10-14-61	1,300	288	49	8.1	See log and chemical analysis. Water level measured 32.2 feet below land surface in 1961. Hole 32 inches in diameter, 16-inch casing, gravel packed to 120 feet.
17addd1	W.Brosnan	1936	73	8	Qw	J	D,S	50	1,710	11-12-60	1,304	297	44	7.5	See chemical analysis. Water level reported 35 feet below land surface.
17cddd2	M.Jerke	1954	780	3,2	Kdl	F 3.0m	D,S	52	2,960	10-20-60	1,325	154	131	7.6	Initial flow reported 4 gpm.
18bdcc1	H.Hegg	1918	a760	2	Kdl	.....	...	...	2,940	10-20-60	1,322	104	98	7.4	See chemical analysis. Flowed until 1948.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- Continued															
108-61 18bdcc2	H.Hegg	1954	768	...	Kdl	Fu	D,S	...	2,970	10-20-60	1,322	171	175	7.3	Initial flow reported 5 gpm. Copper casing.
20bada2	E.Amick	1947	a1000	1	Kd3	F>10.0	D,S	63	2,610	10-20-60	1,323	1,164	210	7.3	Copper casing.
20dcdd2	A.Nielson	1954	a1000	3,1½	Kd3	F>7.0	D,S	62	2,550	10-20-60	1,330	1,061	183	7.3	Initial flow reported 40 gpm.
21ddcc2	A.Nielson	1959	a1000	2	Kd3	F>15.0	D,S	63.5	2,570	10-20-60	1,325	1,147	183	7.4	
23baab2	S.Murphy	1947	768	1	Kdl	Fu	D,S	60	2,800	10-20-60	1,305	223	158	7.4	Initial flow reported 12 gpm. Copper casing.
23ccd	B.Senska	1944	850	1	Kd2	F 8.6m	D,S	61	2,710	10-20-60	1,235	445	140	7.4	Copper casing.
24daab	S.Pearson	1954	228	3	Kn-c	Cy	S	...	.....	10-19-60	1,300	.....	.....	...	Water level reported 65 feet below land surface in 1954.
26bbbb	USGS	1961	152	....	...	.....	T	...	.....	.....	1,301	.....	.....	...	See log.
26cdcb2	A.Pearson	1959	940	2	Kd3	F>20.0	D,S	62.5	2,600	10-19-60	1,298	1,061	201	7.2	Initial flow reported 70 gpm.
26dddb2	M.Nelson	1955	705	2	Kdl	F>3.2	D,S	58	2,810	10-19-60	1,298	257	140	7.5	
27adab	M.Senska	1954	125	3	Qw	Cy	S	...	.....	10-20-60	1,315	.....	.....	...	Water level reported 77 feet below land surface in 1954.
27dcdc1	M.Loring	....	...	...	Kd	F 1r	...	...	.....	6-5-47	1,309	982	136	...	See chemical analysis.
27dcdc2	M.Loring	1952	950	2½,1½	Kd3	F>30r	S	63	2,620	10-20-60	1,309	1,061	275	7.2	See log and chemical analysis. Initial flow reported 60 gpm and 32 psi.
28babc	H.Moe	1956	185	2	Kn-c	Cy	S	...	.....	10-20-60	1,299	.....	.....	...	See log. Water level reported 50 feet below land surface in 1956.
29cddc2	C.Larson	1957	185	2	Kn-c	J	D,S	...	3,000	10-19-60	1,310	103	280	7.6	
29ddad	A.Knutson	1959	205	2	Kn-c	Cy	S	...	.....	8-14-49	1,315	.....	.....	...	See log. Water level reported 44 feet below land surface in 1949.
30bbca	R.Nicholas	....	a160	2½	Kn-c	Cy	D,S	...	2,930	10-19-60	1,293	86	910	7.5	

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- Continued															
108-61 30ccd1	D.Carr	1934	197	2½,1½	Kn-c	J	S	...	.....	10-19-60	1,287	.....	.....	...	Initial flow reported 3 gpm. Water level reported 5 feet below land surface in 1960.
30daaa	F.Furguson	....	...	2	...	Cy	N	50	3,300	10-20-60	1,303	144	804	7.4	See chemical analysis.
31add1	C.Larson	....	150	2	Kn or Qw	Cy	S	...	.....	10-20-60	1,285	.....	.....	...	Flowed until 1947.
31add2	C.Larson	1954	170	2½,1½	Kn-c	J	D,S	...	2,660	10-20-60	1,285	68	700	7.8	Water level reported 10 feet below land surface in 1954.
31bccc	V.Doering	1950	188	2½,1¼	Kn-c	P	D,S	...	.....	10-20-60	1,292	.....	.....	...	Water level reported 12 feet below land surface in 1950.
31ddcd	G.Fuerst	1961	206	3,1½	Kn-c	Cy	S	56.5	2,100	9-11-61	1,285	68	375	7.8	See log. Water level reported 5 feet below land surface on March 20, 1961.
32abbd2	E.Larson	a1902	163	2	Kn-c	Cy	D,S	...	2,850	10-26-60	1,308	103	885	7.7	
32cccc	USGS	1960	95	...	...	.....	T	...	1,850	9-13-60	1,275	330	125	...	See log and chemical analysis. Water level measured 6.7 feet below land surface.
32dddd	W.Brosnan	....	a150	3	Kn or Qw	Cy	D,S	51	2,410	6-19-60	1,298	28	289	8.4	See chemical analysis.
33abbb	E.Larson and M.Whitney	1954	202	2½,2	Kn-c	Cy	S	...	.....	6-13-60	1,302	.....	.....	...	Water level reported 48 feet below land surface in 1954.
33ccbd	H.Moe	b1904	165	...	Kn-c	.....	...	...	.....	.....	1,295	.....	.....	...	See log.
33ccc	USGS	1960	75	...	...	.....	T	...	.....	9-13-60	1,292	.....	.....	...	See log.
33cccd	H.Moe	....	165	3	Kn-c	.....	D,S	...	.....	6-13-60	1,292	.....	.....	...	
33ddd	F.Baruth	1953	150	3,2	Qw	.....	D,S	...	.....	.....	1,296	.....	.....	...	Water level reported 46 feet below land surface in 1953.
33dddd	USGS	1960	60	...	...	.....	T	...	.....	9-14-60	1,299	.....	.....	...	See log. Dry hole.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- Continued									
108-61 34aadd	M.Senske	a1938	730	2	Kdl	F 2.1m	D,S	57.5	2,890	10-20-60	1,304	291	140	7.7	
35cbba	H.McCracken	1938	730	1¼,¾	Kdl	F 2r	S	...	.....	6-5-47	1,295	.....	.....	...	
35cccc	USGS	1961	142	...	...	....	T	...	.....	10-15-61	1,290	.....	.....	...	See log.
108-62 1aadd	SDGS	1961	180	...	...	.....	T	...	.....	10-21-61	1,300	.....	.....	...	See log.
1bddc	L.Grace	1959	745	2	Kdl	F 4.6m	S	61	3,210	8-29-60	1,312	137	131	7.8	Initial flow reported 10 gpm.
1ccc1	Nielson Estate	....	48	36	Qw	J	N	...	4,080	8-29-60	1,325	2,490	78	7.4	See chemical analysis. Water level measured 35.5 feet on June 4, 1947 and 49.8 feet below land surface in December 12, 1956.
1ccc2	Nielson Estate	1959	98	2	Qw	J	D,S	...	1,270	8-29-60	1,325	753	62	6.8	See log. Water level reported 50 feet below land surface on March 3, 1959.
1dcd	Huron College	....	760	2,1½	Kdl	F 1.6m	D,S	56	2,940	8-29-60	1,314	120	158	7.3	
1dddd	A.Kringen	1961	98	2	Qw	P	D	...	1,525	9-11-61	1,306	514	62	7.5	See log.
5adab	H.Knox	1903	792	1¼	Kdl	F 1r	D,S	...	3,130	8-29-60	1,347	120	122	7.7	Initial flow reported 23 gpm.
5bdbb1	E.Knox	1904	756	2	Kdl	....	D,S	...	3,110	8-29-60	1,351	257	131	7.1	Fx. Measured 1.5 gpm on July 29, 1947.
5bdbb2	E.Knox	1885	60	30	Qw	Cy	S	...	3,960	8-29-60	1,351	2,099	158	6.9	Water level reported 18 feet below land surface on July 29, 1947.
6cddd1	J.Simms Estate	1944	717	3,2	Kd	F 1.0m	...	...	.....	6-30-47	.....	885	104	...	See chemical analysis.
6cddd2	J.Simms Estate	1955	946	2,1½	Kd3	F>2	S	66	2,750	8-29-60	1,313	890	131	7.3	Copper casing.
7bcbb	D.Anderson	....	170	3	Kn-c	Cy	D,S	...	3,440	8-29-60	1,324	68	787	7.8	
8baab1	C.Robeson	....	191	3	Kn-c	Cy	D	...	.....	9-2-60	1,314	.....	.....	...	
8baab2	C.Robeson	....	38	18	Qw	Cy	D,S	...	2,760	6-3-47	1,314	1,225	54	8.1	See chemical analysis.
8baab3	C.Robeson	a1952	200	2	Kn-c	Cy	D	...	3,770	8-2-60	1,314	68	787	7.8	

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
						SANBORN COUNTY -- Continued									
108-62 9aadb2	S.Davis	1954	145	3,2	Qw	Cy	N	...	.....	8-28-60	1,314	.....	.....	...	Water level reported 2 feet below land surface in 1954.
9dcd1	H.Craft	....	30	24	Qw	Cy	N	...	2,990	8-28-60	1,308	886	57	7.6	See chemical analysis. Water level measured 14.55 feet below land surface on June 27, 1947.
10cdc	J.Casey	....	380	2½	Kc	Cy	N	...	.....	8-29-60	1,307	.....	.....	...	
10dddd1	E.Nelson	1904	740	1¼	Kdl	Fu	S	61	3,060	8-29-60	1,299	120	131	7.6	Flow reported 2 gpm on June 27, 1947.
10dddd2	E.Nelson	1951	220	3,2	Kn-c	P	D,S	53	3,390	8-29-60	1,299	80	826	7.7	See chemical analysis. Water level reported 8 feet below land surface.
11aabc2	C.Lynch	a1950	877	2	Kd3	F>6.0	D,S	64	2,730	8-29-60	1,318	1,010	166	7.1	Initial flow reported 35 gpm. Copper casing.
11cccc	USGS	1961	152	...	...	.....	T	...	.....	10-11-61	1,300	.....	.....	...	See log.
12cbbc2	O.Gutzner	1950	740	3,2½	Kdl	F>2.4	D,S	...	3,110	8-29-60	1,316	86	131	7.7	Initial flow reported 8 gpm.
13aabb2	L.Hansen	1951	900	3,1¼	Kd3	F 2.0m	D,S	56	2,730	8-30-60	1,328	959	158	7.1	Initial flow reported 35 gpm.
13bcc1	L.Grace	1942	212	3,2	Kn-c	Cy	D,S	...	3,110	8-29-60	1,314	103	787	7.6	Water level reported 25 feet below land surface on August 29, 1960.
13bcc2	L.Grace	1922	34	18	Qw	Cy	S	...	3,100	8-29-60	1,310	1,750	81	8.0	See chemical analysis. Water level reported 28 feet below land surface.
13cdad2	L.Grace	1957	220	2½	Kn-c	Cy	D,S	...	.....	8-29-60	1,312	.....	.....	...	Water level reported 18 feet below land surface on February 1, 1957.
14bbbd	L.Grace	1955	207	3,2	Kn-c	Cy	S	...	.....	8-29-60	1,302	.....	.....	...	See log. Water level reported 8 feet below land surface.

Table 2.--Record of selected wells and test holes--continued

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- Continued															
108-62 14cccd2	E.Ferguson	1947	780	3,1¼	Kdl	F>1.7	D,S	60	3,020	8-29-60	1,300	154	122	7.1	Initial flow reported 3 gpm.
14dcdd	J.Simms Estate	1952	750	2½,1¼	Kdl	F 4.4m	S	58	.....	8-29-60	1,297	.....	.....	...	Initial flow reported 8 gpm.
15aadd	J.Lutter	....	25	24	Qw	Cy	S	50	2,440	6-27-47	1,298	556	52	7.6	See chemical analysis. Water level measured 10.85 feet below land surface on June 27, 1947.
15baa	J.Casey	....	15	30	Qw	Cy	N	...	.....	6-27-47	1,305	.....	.....	...	Water level measured 10.6 feet below land surface on June 27, 1947.
15cccd1	H.Harrigan	1913	765	½	Kdl	F 3.3m	S	58	2,950	8-29-60	1,307	240	122	7.7	
16bbbb	USGS	1961	152	...	.....	.....	T	...	.....	10-17-61	1,312	.....	.....	...	See log. Water level measured 9 feet below land surface.
17abab2	W.Kruse	1946	165	2½	Kn-c	Cy	D,S	...	2,950	8-29-60	1,305	68	577	7.6	
17bab	D.Jones	1946	718	2½,1¼	Kd2	F 5.0m	D,S	62	2,740	8-29-60	1,310	702	131	7.2	Initial flow reported 30 gpm.
17cdda	I.Grace	1954	708	2½,1½	Kd2	F 16.0m	S	63	2,720	8-29-60	1,300	770	140	7.2	Initial flow reported 18 gpm.
18aab	E.Lillie	....	20	20	Qw	Cy	...	...	2,030	6-9-47	1,303	384	55	7.6	See chemical analysis. Water level measured .9 feet below land surface.
18dcdd2	C.Sheffield	1952	875	2½	Kd2	F>3.4	D,S	61	2,720	8-29-60	1,315	702	131	7.3	
19ddcc	R.Hall	1936	776	2,1¼	Kd2	Fu	D,S	...	2,740	8-24-60	1,323	445	131	7.5	Initial flow reported 12 gpm.
21cccc	USGS	1961	152	...	.....	.....	T	...	.....	10-17-61	1,303	.....	.....	...	See log. Water level measured 5.8 feet below land surface.
23aaaa	USGS	1960	87	...	.....	.....	T	...	.....	10-5-60	1,293	.....	.....	...	See log. Water level measured 14.8 feet below land surface.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- Continued															
108-62 23dddd	USGS	1960	72	...	.....	.....	T	...	.....	10-5-60	1,294	.....	.....	...	See log. Water level measured 10.45 feet below land surface.
24ccb1	R.Eddy	1932	736	¾	Kdl	F>2.4	D,S	61.5	2,900	8-29-60	1,297	257	122	7.3	
24ddaa	P.Bauer	....	150	3	Kn-c	Cy,P	D,S	...	3,170	8-29-60	1,391	68	875	7.8	
25bbbc2	L.Eddy	1904	718	1¼	Kd2	F 3.2m	D,S	63	2,880	8-29-60	1,296	325	122	7.4	
25dad	T.Brisbine	....	150	2½	Kn-c	Cy	N	...	2,630	8-29-60	1,290	54	482	7.6	Well sometimes flows; cuts off 10 feet below surface with overflow to slough.
26bbbc	M.Caudill	1957	190	2½	Kn-c	Cy	D,S	...	2,240	8-24-60	1,299	51	402	7.4	See log. Water level reported 12 feet below land surface on October 6, 1957.
27ddad	W.&A.Lynch	1958	a163	2	Kn-c	J	S	...	.....	8-24-60	1,303	.....	.....	...	Water level reported 8.5 feet below land surface.
28baaa	W.Brosnan	1955	230	2½,1½	Kn-c	Cy	S	...	2,600	8-24-60	1,306	51	598	7.6	Water level reported 19 feet below land surface in 1955.
29cca	H.Hanson	1956	12	2	Qw	Cy	S	...	.....	8-24-60	.....	.....	.....	...	
29daaa2	P.Rankine	1956	720	2½	Kd2	Fu	D,S	...	2,650	8-24-60	1,307	462	131	7.5	
31cccc	USGS	1960	77	...	....	.....	T	...	.....	9-21-60	1,326	.....	.....	...	See log. Dry hole.
31dccc	A.Roti	b1904	165	2½	Kn-c	Cy	S	...	2,710	8-24-60	1,326	68	598	7.4	
32addd	P.Rankine	1955	a180	...	Kn-c	Cy	S	...	2,350	8-24-60	1,309	51	438	7.6	
32cccc	USGS	1960	99	...	....	.....	T	...	.....	9-21-60	1,312	.....	.....	...	See log. Water level measured 9.9 feet below land surface.
32dad2	C.Forbes	1955	169	2½	Kn or Qw	Cy	D,S	...	1,800	8-24-60	1,307	188	114	7.5	Water level reported 18 feet below land surface in 1955.

Table 2.--Record of selected wells and test holes--continued.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
SANBORN COUNTY -- Continued															
108-62 33cccc	USGS	1960	75	...	.....	...	T	...	1,350	9-9-60	1,305	200	20	...	See log and chemical analysis. Water level measured 8 feet below land surface.
34cccc	USGS	1960	75	...	.....	...	T	...	20500	9-12-60	1,305	4,000	500	...	See log. Water level measured 16.1 feet below land surface.
34cddc	W.&A.Lynch	1956	166	2½,1½	Kn or Qw	J	S	...	.....	8-24-60	1,307	.....	.....	...	
34ddaa1	W.&A.Lynch	....	40	2	Qw	Cy	N	...	1,840	7-2-47	1,304	50	130	7.8	See chemical analysis. Water level reported 9 feet below land surface.
34ddaa2	W.&A.Lynch	....	715	2,1	Kd2	F 20.0m	S	61	2,970	8-24-60	1,304	479	114	7.4	Copper casing.
34dddd	USGS	1960	70	...	....	.....	T	...	.....	9-12-60	1,303	.....	.....	...	See log. Water level measured 9 feet below land surface.
35aaaa	USGS	1960	77	...	....	.....	T	...	.....	10-6-60	1,297	.....	.....	...	See log. Water level measured 9.5 feet below land surface.
35abab1	G.Senska	1950	160	2½,1¼	Kn-c	Cy	S	...	2,250	8-24-60	1,297	68	289	7.8	Water level reported 12 feet below land surface in 1950.
35ccbb	W.&A.Lynch	....	a160	3	Kn-c	J	D	...	1,970	8-24-60	1,304	51	192	7.5	
36adaa1	L.Gilbertson	....	170	2½	Kn-c	Cy	S	...	2,440	8-29-60	1,292	54	428	7.6	Water level reported 8 feet below land surface.
35adaa2	L.Gilbertson	1949	190	2½	Kn-c	P	D	...	2,400	8-29-60	1,292	54	385	7.5	
36adaa3	L.Gilbertson	....	12	2½	Qw	Cy	S	...	1,780	8-29-60	1,292	780	61	8.2	See chemical analysis.
36adad	L.Gilbertson	....	10	2½	Qw	Cy	D	...	734	8-29-60	1,293	308	53	7.4	
36babb	L.Gilbertson	....	a10	2½	Qw	Cy	S	...	.....	8-29-60	1,293	.....	.....	...	Water level reported 8 feet below land surface.
36cccc	USGS	1960	87	...	.....	.....	T	...	2,100	9-12-60	1,295	560	25	...	See log. Water level measured 6.1 feet below land surface.