RESEARCH COUNCIL OF ALBERTA

Report 66-4

WATER-WELL RECORDS, ALBERTA

TOWNSHIPS 11-25

(complete to December 31, 1965)

by

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CONTENTS

ILLUSTRATIONS

WATER-WELL RECORDS, ALBERTA

TOWNSHIPS 11-25

Abstract

Water-well records are an important source of near-surface geologic and hydrologic information. Most of the records presented in this preliminary report have not previously been published in any form. They represent a complete record of all the available water-well data in the Groundwater Division's files for townships 11 to 25 inclusive.

This preliminary report is the third in a series which will eventually provide similar data for all the settled areas of the province. They should be of considerable use in the evaluation of the natural resources of Alberta.

A description of the system of land division and a list of licensed water-well drilling contractors are also included.

PURPOSE AND SCOPE

Water-well information has been recorded and collected in Alberta by many people and for many purposes since the late 1800's. The Groundwater Division of the Research Council of Alberta has, since its inception in 1957, attempted to collect all available water-well data, and has supplemented them with pertinent information provided by the oil industry. A Cardex filing system is used by the division for the recording and storage of all water-well and related subsurface information.

This file is open to the public, but it is desirable that the information it contains should be made more generally available. This preliminary report has been prepared for this purpose. It is the third in a series of similar publications which will eventually provide water-well data for all the settled areas of the province. The first two reports in the series are listed below and the areas covered are indicated on the index map (Fig. 1). Both reports may be obtained from the Research Council library.

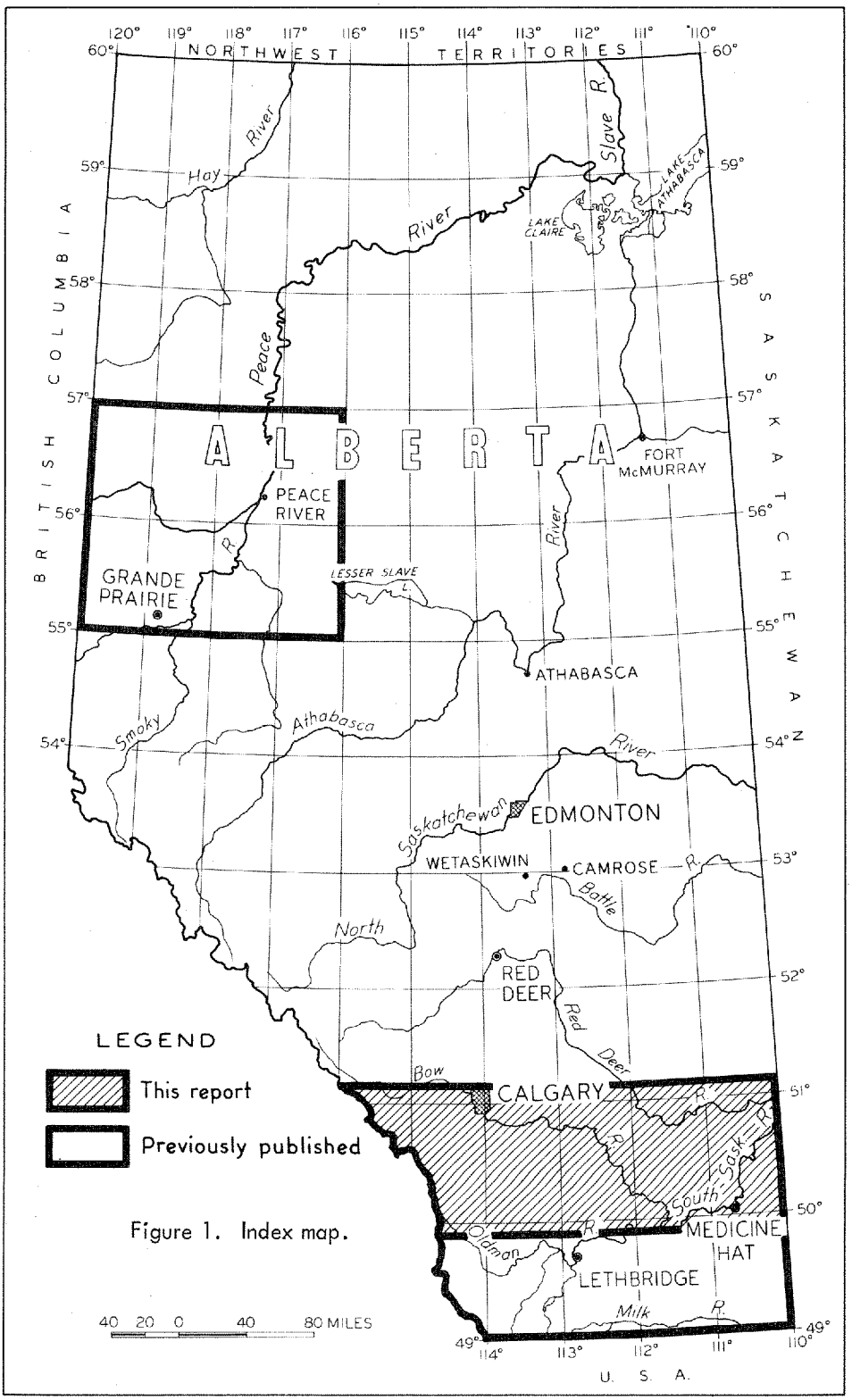

Figure 1. Index map.

Prelim. Rept. No.	Title	Price
62-4	Water-well records, Peace River district, Alberta	$0.50
65-4	Water-well records, southern Alberta, townships 1-10	0.75

This preliminary report contains all the water-well information on file as of December 31, 1965 for the area extending from township 11 to township 25 inclusive and from the Saskatchewan to the British Columbia border (Fig. 1). Some information received during 1966 is also included.

The eventual source of nearly all the data included in this publication is the water-well driller. Drilling records from the early days are commonly unrecorded or lost and much of what has been recorded was collected by technicians taking well inventories years after the wells were drilled. In more recent years the Water Resources Division, Alberta Department of Agriculture, has routinely collected well records from licensed water-well drilling contractors, at or shortly after the time of drilling. The reliability of the well information in any one area will vary greatly depending upon such variables as the drilling contractors involved, the date drilled, and the method by which the information was collected.

No effort has been made to reinterpret, correct, or modernize any of the data given. Units of measurements have been converted where possible to a standard system as outlined in the section "Explanation of the Tables."

ACKNOWLEDGMENTS

This publication would not have been possible without the cooperation of the many drillers who have regularly submitted their water-well logs to the Alberta Department of Agriculture. The contribution of the Water Resources Division of that department is also gratefully acknowledged. The division not only supervised the collection of the logs but also, in recent years, has established personal contact in the field with the drillers in order to explain to them the importance of maintaining a central file of well data. The result has been an appreciable increase in the number of logs turned in.

Finally the program of water-well data publication has received generous federal and provincial support since 1964 under the terms of the federal Agricultural Rehabilitation and Development Act (ARDA). This support has made possible the hiring and training of staff to carry out the program and the publication not only of this report, but also of Preliminary Report 65-4. The Groundwater Division is indeed grateful for ARDA assistance.

LAND-SURVEY SYSTEM

The land-survey system used in the Province of Alberta is explained in the following excerpt, obtained from the Schedule of Wells Drilled for Oil and Gas in 1963, Oil and Gas Conservation Board, Province of Alberta.

> "Townships are six miles square, with road allowance in addition. A road allowance 66 feet wide is left on the east side of every section and either on the north or south side of each section, there being a road allowance on the south of the township, and every two miles northward. Sections are numbered as follows:

31	32	33	34	35	36
30	29	28	27	26	25
19	20	21	22	23	24
18	17	16	15	14	13
7	8	9	10	11	12
6	5	4	3	2	1

Townships are numbered from the International Boundary northward. The east boundary of Alberta is the fourth principal meridian and it marks the 110th degree of longitude, west of Greenwich. The fifth meridian is at 114 degrees, and the sixth at 118 degrees west of Greenwich. Ranges are numbered westward from each initial meridian, the last range abutting the next meridian being fractional. The north boundary of every township divisible by 4 is a base line, and sections along the base lines are a full mile wide. Going northward for 12 miles, each section narrows slightly until a correction line is reached, and going south each section widens slightly until the correction line is reached.

Sections may be divided into 16 legal subdivisions and numbering of these subdivisions is prescribed as follows:"

13	14	15	16
12	11	10	9
5	6	7	8
4	3	2	1

EXPLANATION OF THE TABLES

The water-well records are divided into two separately listed groups. The first is for those wells located west of the fourth meridian; the second for those west of the fifth meridian. Within these groupings the well locations are listed firstly by township, secondly by range, thirdly by section, and lastly by quarter section or legal subdivision.

In order to present the information as completely and yet as concisely as possible, a tabular form of presentation with the following abbreviations has been used:

Column	Abbreviation	Meaning	Remarks
Location	Lsd.	Legal subdivision	
	1/4	Quarter section	
	Sec.	Section	
	Tp.	Township	
	R.	Range	
Type of well	Dr	Drilled	Method unknown
	R	Rotary	Drilled by the rotary method
	C	Cable tool	Drilled by the cable-tool method
	D	Dug	
	B	Bored	Excavated with a boring rig
	J	Jetted	Driven with a jetting rig
	S	Spring or springs	
Hole diameter	s	Square	
	c	Casing diameter	
Surface elevation	sr	Surveyed	Accurately established by precise measurement
Water depth	F	Flowing	Well is flowing
	D	Dry hole	

Yield or test rate	<	Less than	Followed by a number of gallons per minute
	>	Greater than	
	G	Good supply	
	VG	Very good supply	
	P	Poor supply	
	VP	Very poor supply	
Test results Drawdown or recovery	–	Recovery measurements	Minus sign used to distinguish recovery from drawdown
	*	More detailed pump-test measurements available	In some cases data are too extensive to be included in full; they are on file with the Groundwater Division, Research Council of Alberta
Use	D	Domestic	
	S	Stock	
	N	Not used	
	P	Public	
	I	Industrial	
	Ir	Irrigation	
	O	Observation	
	St	Stratigraphic test hole	
	*	Particularly detailed information	Detailed information known to have been carefully recorded by a trained observer

Column	Abbreviation	Meaning	Remarks
Quality	VH	Very hard	
	MH	Medium hard	
	H	Hard	
	S	Soft	
	MS	Medium soft	
	VS	Very soft	
	So	Soda	
	SSo	Strong soda	
	Su	Sulfur	
	A	Alkaline	
	I	Iron	
Aquifer; Lithologic log, chemical analysis, and remarks	cl	Clay	Commonly synonymous with till, but may mean very fine sorted clay and silt
	dr	Drift or unconsolidated surficial material	
	sd	Sand	
	gr	Gravel	
	br	Bedrock	
	ss	Sandstone	
	sh	Shale	
	(CB)	Alberta Oil and Gas Conservation Board	

(GSC-I)	Geological Survey of Canada well inventory	Information collected by officers of the Geological Survey of Canada during the 1930's in the form of well inventories
(PFRA)	Prairie Farm Rehabilitation Administration	Stratigraphic information collected by P.F.R.A. usually during investigations of possible dam-site locations
(RCA-C)	Research Council of Alberta	Stratigraphic information collected by the Coal Division during test drilling for coal-inventory purposes
(RCA-G)	Research Council of Alberta	Stratigraphic and hydrological information collected by the Groundwater Division during test-drilling programs

Note: The last column (Lithologic log, chemical analysis, and remarks) may contain such extra available information as water temperature; general remarks on water quality and quantity; note of the availability of and comments on an electric log of the well; well-completion details; specific information on the use of the water, and the name of the source agency for particular information, as for example that from well inventories or special test-drilling programs.

WATER-WELL CONTRACTORS

The following list of water-well drilling contractors licensed in the Province of Alberta as of December 31, 1965 has been provided by the Water Resources Division, Alberta Department of Agriculture.

Name	Address
A. J. Drilling Co.	Box 604, Vulcan
Adair, D.	Black Diamond
Aizzier Brothers	Kirriemuir
Ambramenko, P.	Rumsey
Anderson, C. B.	Box 178, Airdrie
Anderson, S.	Beaverlodge
Artesia Drilling	Box 5143, S.E. Edmonton
Ashton, O. W.	4707 - 61 St., Camrose
Babich, J. W.	Vilna
Bablitz, R.	R.R. 4, Calmar
Bablitz, R. H.	R.R. 1, Barrhead
Bakken, S.	Sedgewick
Barnard, W. T.	Box 427, Coronation
Beagrie, T.	Swalwell
Bertram Drilling	Box 387, Carbon
Berwyn Drilling Ltd.	Box 5328, Edmonton
Big Indian Drilling Co. Ltd.	1318 - 9 Ave. S.E., Calgary
Big Iron Drilling	7509 - 104 St., Edmonton
Blize, L. A. & Sons	Box 191, Warburg
Bob's Drilling	Mulhurst
Boutin, R.	Dapp
Bowers, R.	Caroline
Breadner, R. K.	Dapp
Brix Brothers	748 - 4 Ave. N.E., Medicine Hat
Brown, Buster	Box 262, Grande Prairie
Brown Water Well Drilling Ltd.	Box 145, Drayton Valley
Buffalo Lake Drilling Co.	Box 158, Donalda
Burgess, G.	R.R. 4, Calmar
Byrt, Stan & Sons	Lloydminster
C.T. & T. Drilling	328A - 8th Ave. S.W., Calgary
Calalta Drilling	Elk Point
Carday Drilling	Hanna
Caskey, A. H.	Excel
Chappel, W.	Carstairs
Chipmunk Drilling Co. Ltd.	64 Klamath Place, Calgary
Chorney, L. L.	Sugden

Code, D. M.	New Brigden
Comfort Drilling	Box 324, Red Deer
Coralta Drilling Ltd.	Box 4104, Edmonton
Cornelssen, W. E.	Box 356, Stettler
Cowie, L. M.	Sub P.O. 10, Calgary
Crosbie, G. R.	2007 Centre Street, Calgary
DeForas, J.	Box 161, High River
Dial, A. L.	R.R. 1, Sylvan Lake
Dickau, H. J.	Ponoka
Dietz Brothers	Box 553, Kindersley, Saskatchewan
Dixon, K.	Sexsmith
Doering, G. L.	Box 97, Torrington
Downey, G. R. J.	Camrose
Dutchy's Drilling	Box 662, Stony Plain
Elk Point Drilling Co.	11103 - 118 St., Edmonton
Ellefson Drilling	113A - 3 St. N.E., Medicine Hat
Elliott Drilling	12306 - 102 St., Edmonton
Engel, J. P.	Box 394, Vegreville
Erickson & Kangas	Box 92, Sylvan Lake
Fay, G. E.	Box 556, Rocky Mountain House
Feldburg, R.	Brightview
Fiveland, N. O.	Westerose
Fjordbotten, R.	Box 335, Granum
Flinn, W. T.	Box 786, Lacombe
Foothills Drilling	2633 - 17 Ave. S.E., Calgary
Forester, E.	3637 - 106 Ave., Edmonton
Forrester, A.	Innisfail
Forrester, R. (Edson Water Wells)	Edson
Forrester Water Well Drilling Ltd.	R.R. 1, Red Deer
Fox, H.	Ashmont
Fraser, R. K.	Westerose
Frederickson, J. E.	Box 434, St. Paul
G & B Shothole Cementers	2603 - 38 St. S.W., Calgary
Gailey, J. R.	Quesnel, British Columbia
Gamache, W. G.	6412 - 112A St., Edmonton
Garrity & Baker Drilling Co.	9919 - 106 St., Edmonton
Gass, N.	Box 365, Hythe
German, R. F.	Box 310, Sylvan Lake
Gerritsen, P.	Box 14, Rockyford
Glacier Drilling Co.	Box 117, Coleman
Goddard, A. E.	Fort McLeod
Golka, C. W.	Box 580, Viking
Grabler, L.	Box 222, Sangudo
Gray, B.	2422 - 3 Ave. N.W., Calgary
Green, F. T.	Box 28, Lousana
Gunderson, C.	Box 208, Forestburg

Hadland, H. H.	134 Winston Drive, Calgary
Hall, M. R. Drilling Ltd.	1743 - 36 Ave. S.W., Calgary
Hansen, P. E.	R.R. 2, South Edmonton
Harvey Drilling Co.	Box 132, Hanna
Heck, A. R.	Bodo
Heer, M. D.	Box 419, Stettler
Hegland, O. P.	Box 343, Beaverlodge
Henderson, A. J.	R. R. 3, Lacombe
Hendrickson Brothers	Box 250 Lomond
Hendrickson, C. C.	R.R. 1, Innisfail
Henning, E.	Box 473, Lethbridge
Hi Rate Drilling Co.	Box 1324, Stettler
Hokanson, C. H.	10428 - 159 St., Edmonton
Horness, D. N.	Heinsburg
Horricks, B.	Westlock
Hostyn, L.	Box 266, Thorsby
Hovis, M. E.	5302 - 56 St., Camrose
Hub City Drilling Co.	14305 - 120 Ave., Edmonton
Hussey, B.	Black Diamond
International Water Supply	540 Burrard Street, Vancouver 1, B.C.
Interprovincial Drilling Cont.	Sub. P.O. 36, Calgary
Jalbert, E.	Darwell
James & Son	52 Columbia Place, Calgary
Johnson, C. M.	Box 326, Hythe
Johnson, G.	Box 89, Winnfield
Kenaston Drilling	7507 - 81 St., Edmonton
Kiehlbauch Drilling	11129 - 106 St., Edmonton
Kiehlbauch, T.	11129 - 106 St., Edmonton
Kind, R. G. & Rennie	Box 361, Eckville
Kingsep, R.	Eckville
King, L.	Box 352, Rocky Mountain House
Kinley, R. H.	4016 - 19 St. N.W., Calgary
Kinsella, E. R.	Box 545, Innisfail
Klettke, G.	Box 532, Grande Prairie
Kotlarchuk, P.	Mundare
Kowalchuk, P.	Box 367, Holden
Kruk, J. J.	South Cooking Lake
L. M. Drilling	Box 653, Drayton Valley
LaForge Brothers	Westlock
Lakevold, M.	Box 373, Provost
Lang, T.	R.R. 1, Hillsburgh, Ontario
Lawson, M. E.	Box 363, Olds
Leedholm, A.	Hardisty
Lewis, M.	Box 12, Lousana
Lindburg Drilling	Mulhurst
Lund, Sven Drilling	Box 253, Peace River

Lutyck, W.	Willingdon
M. & M. Drilling Co. Ltd.	Strathmore
Maarion, L.	Seven Persons
Maerz, S. E.	R.R. 1, Three Hills
Mahar, J. E.	Roselea
Maughan, J. R.	2130 - 10 Ave. S., Lethbridge
Maughan, W. W.	Box 608, Lethbridge
Maygard, E.	Bittern Lake
McAllister Drilling	Box 142, Lloydminster
McAuley Drilling	5930 - 96 St., Edmonton
McDonald Drilling	4640 - 21 Ave. N.W., Calgary
McGinnis, R. J.	Darwell
McNivon Brothers	Box 307, Vulcan
Measures, C.	Box 161, Barrhead
Miller, L.	Brightview
Miller, S.	R.R. 1, Millet
Milligan, J. B.	Box 93, Bon Accord
Miskulin, G.	12 Moor Street, Calgary
Mjolsness & McKenzie	Box 248, Coronation
Moon, W. C.	Box 397, Didsbury
Moore, J. E.	Leslieville
Morrill Water Well Drilling	Box 679, Drayton Valley
Morrison, F. C.	Box 86, Lloydminster
Murray, L.	Box 659, Drumheller
Naslund, E. E.	Box 178, Boyle
Nelson, R.	Box 426, Sylvan Lake
Nepstad, L. K.	Valhalla Centre
Northern Water Supply	7433 - 26 St. S.E., Calgary
Northern Water Well Boring	8319 - 83 St., Edmonton
Northside Garage	Delia
Nowochin, C. G.	Box 18, Brightview
Ostopovich, B.	Box 21, Owlseye
Pankiw Drilling Co. Ltd.	1315 Windsor Street, Calgary
Parsons Drilling	2208 - 39 St., Forest Lawn
Pedersen, P.	Eckville
Potter, G. N.	Box 182, Valleyview
Potter, L.	Olds
Powell, J.	Cochrane
Prier, H. A.	Box 57, New Sarepta
Quigg, G.	Box 68, Spruce Grove
Quinlan, K.	R.R. 1, Elnora
Raffa, F. J.	4611 - 15 St. S.W., Calgary
Rangeland Drilling	Box 362, Mannville
Renbar Drilling Co.	560 - 4 Ave. N.E., Medicine Hat
Renes, J. B.	Brightview
Roberts Rathole Drilling	9536 - 63 Ave., Edmonton

Rondeau, P.	Bonnyville
Rosychuk, J.	Lac La Biche
Sando Drilling Ltd.	Sub. P.O. 59, Calgary
Sankey Brothers	Hemaruka
Schaffer, J.	Throne
Schaffer, R.	Silver Heights
Schellenberger, M.	Box 283, Stony Plain
Schmidt, D.	Tees
Scott, G.	R.R. 1, Camrose
Scott, H. A.	Box 149, Tomahawk
Seaman Engineering & Drilling Co.	915 - 42 Ave. S.E.,Calgary
Seis-Test	9909 - 87 Ave., Edmonton
Servold, H.	Box 1682, Camrose
Servold, I.	Box 292, Devon
Sexsmith Drilling	Sexsmith
Siebel, A.	Box 641, Lacombe
Siegel, B.	Box 494, Viking
Siegel, H.	Buck Lake
Skolski, M. H.	Box 57, Innisfree
Skoye, E. J.	Warburg
Smith, W. C.	403 - 37 St. S.W., Calgary
Snider, G. A.	Blackie
Southern Alberta Drilling Co.	Foremost
Spence, J. P.	Sunnynook
Starkey, H.	R.R. 2, Thorsby
Stedman, W. J.	Box 654, Innisfail
Steinke, A.	Millet
Stephenson, C.	Darwell
Stratichuk, H.	Hylo
Swan, W. H.	Box 81, Midnapore
Swanson, G.	Box 193, Sedgewick
Swanson, R. & Eliason	R.R. 2, Wetaskiwin
Takes, G.	Box 175, Crossfield
Temple Drilling	Box 1102, Lethbridge
Thompson Construction	Okotoks
Town & Country Water Well Boring Ltd.	10519 - 85 Ave., Edmonton
Trail Drilling Ltd.	Box 35, Airdrie
Trans Provincial Drilling Ltd.	Claresholm
Tri City Drilling Co. Ltd.	Box 347, Edmonton
Tronsgard Drilling Ltd.	4812 Malmo Road, Edmonton
Tscheiter, D.	Box 301, Hythe
Tschida, J.	1262 Elm Street, Medicine Hat
Turnquist, O. F.	Gwynne
Tyndall, H.	R.R. 2, Bluffton

Uhryn, C. Well Boring Ltd.	10447 - 137 Ave., Edmonton
Van Driesten, W.	Box 912, Fort McLeod
Volb, E.	Box 878, Drumheller
Volb, J.	Nacmine
Wambeke Brothers	R.R. 1, High River
Watkins, S. R.	R.R. 1, Midnapore
Ward, E.	32 Malibou Road, Calgary
Ward, G. H. Drilling Co. Ltd.	812 - 2 Ave. N.W., Calgary
Warehime, F.	Box 541, Barrhead
Warehime, J. W.	Freedom
Warnke Brothers Ltd.	Box 1050, Wetaskiwin
Webster Cable Tool Drilling	Box 172, Black Diamond
Western Foundation Borings Ltd.	9715 - 60 Ave., Edmonton
Winter, A. A.	Millet
Winter, R. A.	Box 164, Bashaw

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Yield or test rate (gpm)	Test results Drawdown or recovery (ft.)	Test results Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
NE	2	11	1		1930	D	36	2560	19	10	19	P			D,S	H	Glacial cl & gr	Also dug 15 ft. - little water (GSC-I)
SW	6	11	1		1909	D	48s	2950	16	4	16	G			D,S	S	Glacial sd & gr	49°F (GSC-I)
SE	7	11	1	Renbar	1961	Dr	5 5/8		530	220	496-524	15	6	6000	D,S		Medium to coarse sd	0-20 gr, 20-140 light blue cl, coal, water, 140-365 light blue cl, 365-425 silt, 425-496 hard blue cl, 496-524 medium to coarse sd, 524-530 sh; perforated from 497-524 ft.
SE	14	11	1		1902	D	72	2470	20	19	20	P			D,S	H	Glacial sh or gr?	51° F (GSC-I)
SE	16	11	1			S	30x36				3	3			D,S	S	Glacial gr	Spring dug out 3 ft. (GSC-I)
SW	16	11	1			D		2590	16	4	16	G			D,S	S	Sd	49° F, also dug well 13 ft. deep with 13 ft. of water (GSC-I)
SE	18	11	1		1936	D	48s	2800	8	0	8	G			D,S	S	Glacial cl	(GSC-I)
SE	24	11	1			D	30	2600	28	6	28	G			D,S	H	Glacial gr	Not used now (GSC-I)
NW	25	11	1		1916	D	60	2440	42.5		42.5	G			D,S	H,A	Gr & sd	Well deepened 2.5 ft. in 1919. (GSC-I)
NE	26	11	1		1907	D	48s	2445	30		30	G			D,S	H	Sd	(GSC-I)
SW	31	11	1	Renbar	1961	Dr	7, 5 5/8		1000	46	82-100	10	3.5	1440	D,S		Coarse sd	0-10 soil, 10-76 gr & boulders in brown cl matrix, 76-82 blue cl, 82-100 coarse sd
NE	34	11	1		1927	D	48	2450	18		18	G			D,S	H	Sd	Similar well for house. (GSC-I)
SW	35	11	1			D		2443	25	16	25	G			D,S	H	Sd & cl	Drilled 300 ft. well - water is bitter. (GSC-I)
SE	36	11	1			B	30	2440	52		52	G			D,S	VH	Glacial cl	Now deserted
NW	1	11	2		1936	D	48s	2960	12	7	12	G			D	H	Glacial blue cl	Also has another dug well 35 ft. deep which is too alkaline to use. (GSC-I)
NE	5	11	2			D	48s	3010	14		14				D	MH	Glacial boulder cl	51° F, dam for stock (GSC-I)
SE	6	11	2		1914	B	24	3040	30		30	P			S	H,A	Bearpaw sh	46° F, has another dug well 30 ft. deep which is alkaline.(GSC-I)
NE	7	11	2		1917	B	24	2950	65	D					N		Bearpaw sh	65 sh; drinking water is hauled and dam is used for watering stock. (GSC-I)
SE	14	11	2		1910	B	24	2890	90		90	G			D,S	S	Pale Beds? Bearpaw sh?	(GSC-I)
SW	15	11	2		1936	B	24,18	2725	143		100,123, 143	G			S	S,So	Pale Beds	0-8 gr, 8-100 bentonitic sd & coal beds; has 14-ft. well for house and 14 other wells with little water. (GSC-I)
NE	17	11	2		1937	D	48s	2750	6	2	6	P			D	S	Glacial gr	Dam used for stock. (GSC-I)
NE	18	11	2		1932	D	48s	2875	12		12	G			S	H,A	Glacial boulder cl	(GSC-I)
NW	19	11	2		1917	B	24	2800	25		15	G			N	H,A	Glacial cl (boulder)	Water killed stock so well filled in. (GSC-I)
SE	22	11	2			S	48s	2700	5	0	4	G			S	MH	Glacial gr	Place is deserted. (GSC-I)
SW	24	11	2		1916	B	24	2678	72		72	G			D,S	H	Glacial gr	(GSC-I)

NW	25	11	2		1933	D	42s	2461	39		39	G	D,S	S	Quicksand, sd & cl	(GSC-I)
NE	25	11	2		1911	Dr	6	2453	99		99	G	D,S	H	Belly River quicksand	Farm is now deserted, well has silted up. (GSC-I)
SE	32	11	2			D	48s	3100	16		16	G	S	H,A	Glacial cl (boulder)	Supply is not sufficient in winter. (GSC-I)
NE	35	11	2		1936	D	36s	2500	47		47	G	D,S	S	Glacial cl	Water comes in fast. There are stones all the way. (GSC-I)
NW	36	11	2		1936	Dr	4 1/2c	2500	217.5	60	105	G	D,S, l	S,So	Belly River	0-8 gumbo, 8-30 sd & cl, 30-32 sd & water, 32-42 sd & cl, 42-44 stone & cl, 44-54 sd & cl, 54-56 sd, 56-66 cl, 66-68 sd & water, 68-84 cl, coal & rock, 84-91 sd & cl, 91-105 sd, cl, coal & water, 105-113 sd, cl & stone, 113-115 sd, 115-125 sd & coal, 125-146 coarse sd & coal, 146-155 ss, 155-156 coal, 156-188 soapstone, 188-210 ss, 210-211 coal, 211-217 blue cl (GSC-I)
NW	36	11	2			Dr	6	2505	130		110	G	P	S,So	Belly River coal	Fine grey sd, coal, Belly River; shallow wells used for cooking – hard alkaline water at 30 ft. (GSC-I)
NE	4	11	3			B			24			P	D,S	H	Glacial dr	(GSC-I)
SE	6	11	3		1923	B	30	2950	34		34	G	S	H,A	Glacial	There is an 8-ft. well for house and a dam for stock. (GSC-I)
NW	11	11	3			D	72s		7				D,S	H	Recent?	(GSC-I)
SE	13	11	3		1931	D	48s	2850	4		4	G	S	H,A	Bearpaw gumbo	55°F (GSC-I)
SW	15	11	3		1925	D			18			G		H	Recent alluvial gr	48°F (GSC-I)
SW	16	11	3			D			12	0		G	D,S	H	Recent alluvial sd	50°F (GSC-I)
SE	18	11	3		1932	D			6	0			D,S	H	Recent alluvial sd	(GSC-I)
NW	28	11	3			D			18			P	D,S	S		46°F (GSC-I)
SW	35	11	3			S							D,S, lr	H	Foremost sd	(GSC-I)
NE	36	11	3			D			66			G	D,S	H		44°F (GSC-I)
NE	2	11	4		1916	D	48s	2910	32	22	32	G	D,S	H,A	Bearpaw sh	(GSC-I)
SW	2	11	4		1934	B	36	2920	35	25		G	D,S	H,A	Bearpaw sh	(GSC-I)
SE	4	11	4		1926	D	48s	2900	14	10	14	P	D,S	MS	Glacial quicksand in cl	(GSC-I)
NE	5	11	4		1929	D	36s	2820	14	7	14	G	D,S	MH	Recent alluvial gr	(GSC-I)
NE	5	11	4		1920	D	48s	2830	15	11	15	G	D,S	H	Recent alluvial gr	(GSC-I)
SE	9	11	4		1916	D,B	48	2800	12	5	12	G	D,S	H,A	Recent alluvial gr & coarse sd	47°F, uses creek in summer. (GSC-I)
NE	10	11	4		1927	D	36s	2800	14	10	14	<1	D,S	H	Recent alluvial or glacial gr	(GSC-I)

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Drawdown or recovery (ft.)	Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
NW	10	11	4		1928	D	30	2795	7	2	7	G			D	H	Recent alluvial sd & gr	53°F, has another similar well for stock.(GSC-I)
SW	14	11	4		1928	D	48s	2760	12	4	12	G			D	MS	Recent alluvial quicksand	Stock uses creek. (GSC-I)
NW	14	11	4		1930	D	48s	2750	14	11	14	G			D,S	H,A	Glacial sd	Water was laxative at first. (GSC-I)
SW	15	11	4		1918	D	54	2760	24	17	24	G			D,S	MS	Glacial sd & cl	Well is sufficient for house; has an 11-ft. dug well with medium soft water for stock. (GSC-I)
NE	16	11	4		1933	D	54	2750	20	18	20	G			D,S	H,A	Glacial gr	Has 2 other similar wells. (GSC-I)
SE	19	11	4		1927	D	48s	2660	37	27	37	G			D,S	H,A	Glacial gr	Water is laxative. 45°F (GSC-I)
SE	20	11	4		1898	D	48	2660	5	2	5	1			D,S	H,A	Glacial gr	Dug 5 ft. to a spring. (GSC-I)
NE	20	11	4		1929	D	36s	2645	31	11	31	G			D	S	Glacial cl & gr	Has a similar well for stock. (GSC-I)
SE	21	11	4		1930	D	30	2650	7	4.5	7	G			D	MH	Glacial sd & yellow cl	Has another well in SE-21-11-4-W4 with slightly alkaline water in gr, good for 118 head. (GSC-I)
NE	22	11	4		1927	D	42	2640	20	7	20	G			D,S	MS	Glacial sd & red cl	Also waters stock from sloughs and creek. (GSC-I)
NW	24	11	4		1930	D	48s	2640	35		35	G			D,S	H,A	Bearpaw? black cl	45°F, has 3 similar wells in SW-24-11-4-W4, dug 18 ft. with 6 ft. of water, and used for stock. (GSC-I)
SW	27	11	4		1928	B	24	2820	99		99	G			D,S	H	Glacial quicksand	Has a 14-ft. dug well with hard clear water also used for stock. (GSC-I)
SE	32	11	4	Renbar	1961	Dr	5 5/8		344	185	320-340	9	11	480	D,S		Medium to coarse sd	0-? soil, ?-45 dry gr, boulders in matrix of brown cl, 45-90 brown cl with some gr stringers, 90-320 blue cl, 320-340 medium to coarse sd; perforated from 322-340 ft.
SW	34	11	4		1930	B	36	2575	38	23	38	VG			D,S	H,A	Glacial	45°F (GSC-I)
SW	34	11	4	Renbar	1961	Dr	5 5/8		220	130	190-220	10	5	1440	D,S		Medium sd	0-10 soil, 10-90 brown cl with dry gr & boulders, 90-190 blue cl, 190-220 medium sd; perforated from 190-220 ft.
NE	36	11	4		1932?	D			66	63		G			D,S	H	Glacial	44°F (GSC-I)
NE	2	11	5		1912	D	48s	2740	80	D	80						Pale Beds? cl	Another dug well 14 ft. deep has hard alkaline water. (GSC-I)
NW	2	11	5		1912	D	48s	2675	30	24	30	P			D,S	H,A	Glacial dr or alluvial sd & gr	Has another dug well 18 ft. deep for stock and hauls drinking water. (GSC-I)
SW	2	11	5		1937	D	48s	2700	5	0	5	<1			D,S	H,A	Alluvial or glacial sd	There is a similar spring in the road allowance. (GSC-I)
NE	4	11	5		1933	D	36	2700	22	20	22				D,S	H	Glacial sandy cl	48°F, has another well 16 ft. deep with hard laxative water 10 ft. from top. (GSC-I)
SW	4	11	5			D	36	2600	18	17	18	P			D	H	Glacial gr	48°F (GSC-I)

NE	6	11	5		1913	D	48c		22	20	15-22		2		D,S	S	Sd	15-22 sd, ? cl, loam; the surface soil is cl, loam. The bottom of well is of a sandy nature.
NE	10	11	5		1932	D	42	2600	32	30	32	G			D,S	MS	Pale Beds ss	46°F (GSC-I)
SE	10	11	5		1937	D	48	2600	17	15	17	P			D,S	MH	Pale Beds white sd	(GSC-I)
NE	12	11	5		1933	B	24	2780	38	14	26,38	G			D,S	H,A	Glacial yellow & green sd	Has a similar well dug 30 ft. for stock. (GSC-I)
SW	12	11	5		1925	D	48s	2750	40	36	40	P			S	H,A	Glacial sd?	Has another dug well 25 ft. deep with medium hard water used for house and stock. (GSC-I)
NE	15	11	5			D	48s	2525	9	6	9	P			D,S	H	Pale Beds white sd	51°F, has similar well for stock. (GSC-I)
	17	11	5		1896	D	48s		27		11		27	720	D,S	S,I	Cl	11-27 cl; well can be pumped dry in half a day.
NW	20	11	5		1925	D	48s	2400	18	14	18	G			S	H,A	Glacial & Recent alluvial sd	Water has hydrogen sulfide odor. Supplemented by good water from springs on SE-11-11-6-W4 and SW-14-11-5-W4. (GSC-I)
NW	21	11	5		1919	D	48s	2390	14	8	14	G			D	H,A	Alluvial gumbo	48°F, supplemented by springs and another dug well 12 ft. deep. (GSC-I)
NE	22	11	5		1900	D	48s	2440	6	4	6	G			D,S	H	Alluvial gr	Has two dry holes, 12 ft. and 14 ft.; well 10 ft. deep has 2 ft. of water – spring through gr. (GSC-I)
NW	22	11	5		1934	D	30	2410	27	20	27	VG			D,S	H,A	Alluvial grey sd	(GSC-I)
SE	22	11	5		1900	D	48s	2440	10	7	10	G			D,S	H,A	Pale Beds ss	Has two other wells, 8 ft. and 10 ft. in gr on sd. (GSC-I)
SE	24	11	5		1905	D	72	2675	48	46	48	P			D,S	H	Glacial blue cl	(GSC-I)
NE	30	11	5			B	24	2475	127	123	127	P			D,S	MH, A	Pale Beds & sd	45°F, strong laxative (GSC-I)
NE	31	11	5		1935	D	48s	2400	20	19	20				D	MH	Glacial quicksand	Not used now (GSC-I)
NE	31	11	5	Renbar	1961	Dr	5 5/8		120	36	102-120	12	4	480	D,S		Fine sd	0-10 soil, 10-60 brown cl, 60-102 blue cl, 102-120 fine sd; perforated from 102-120 ft.
SW	33	11	5			S		2400		0		G			D,S	H,A	Glacial sd & gr	Stock also uses creek. (GSC-I)
NW	34	11	5			D	48s	2350	15		15	G			D,S	H,A	Pale Beds? sd	(GSC-I)
SE	34	11	5		1910	D	18	2350	14		14	G			D	H,A	Pale Beds grey sd	Spring in NE-27-11-5-W4 for stock (GSC-I)
NE	2	11	6		1931	D	48s		28	8		G			D,S	H		Seepage from dam (GSC-I)
SW	3	11	6		1930	D	48s		60			P			S	H,A	Sd	(GSC-I)
SW	4	11	6		1931	D	48s		32	31.5		G			D,S	H	Gr	(GSC-I)
SE	5	11	6		1935	B	24	2500	50	39	50	P			S	H,A	Glacial gr	Water is laxative. (GSC-I)
13	7	11	6	Ellefson	1965	B	24		18	10	8-10	G			D	MH		0-11 cl, 11-14 sd, 14-18 cl
NE	9	11	6		1917	Dr	6		200	180		G			D,S	S,So	Bedrock	46°F (GSC-I)
	9	11	6			Dr			250		200				D,S	S,So		0-20 light brown cl, 20-40 light brown soft sh, 40-70 grey shaley cl, 70-100 dark grey sh, 100-168 soft light brown cl, 168-174 very hard brown sh, 174-180 hard ss, 180-202 ss, 202-205 grey sh, 205-208 soft yellow sandy cl, 208-250 medium hard grey sh

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
NW	14	11	6			D	48x96		6	0		G			S	H,A	Cl	(GSC-I)
NE	15	11	6						40		6				D,S	H		6-40 sd
NW	15	11	6		1929	B	24		102	90	50,102				N	H,A	Gr	Water is laxative (magnesium sulfate). (GSC-I)
NE	16	11	6	Midland	1949	Dr	2c		912			G			D	S	Lower Milk River ss	(GSC-I)
4	17	11	6	Ellefson	1965	B	24		15	6	6-9	6	-9	3?	S			0-3 sandy cl, 3-6 sd, 6-15 cl
SE	18	11	6		1917	D	48		20	15		G			D,S	MH	Gumbo	Bottomed in gumbo (GSC-I)
SW	18	11	6		1917	B	30		25	24		P			D,S	H		(GSC-I)
SW	19	11	6			D			5	0		G			D,S	MS	Alluvial quicksand & gr	55°F, 25 ft. dug well is dry. (GSC-I)
NE	19	11	6		1920	D	30		20	17		G			D	MH	Quicksand	46° F, has seepage well for stock. (GSC-I)
SE	20	11	6		1910-11	Dr	2		158	100	125,158	VG			D,S	H	Gr & sd	46° F (GSC-I)
SW	22	11	6		1933	D	36x48		16			G			D,S	S	Glacial sd	Water level varies with slough. (GSC-I)
NE	22	11	6		1937	D	48s		35			G			D,S	H,A	Quicksand	Bored similar 35-ft. well. (GSC-I)
NW	27	11	6		1933	B	24		95	40	95	G			D,S	H,I	Glacial dr	(GSC-I)
NE	28	11	6			D			16	14		G			D,S	MH	Quicksand	Has two similar wells. (GSC-I)
SE	30	11	6		1917	B	30		18	6		G			D	MH	Cl & sd	48°F, stock uses creek. (GSC-I)
NW	30	11	6		1928	Dr	6		150	125		G			D,S	MH, A	Grey & yellow quicksand	Water is laxative. Similar well located on NE-30-11-6-W4 but water is more alkaline. (GSC-I)
16	30	11	6	Maarion	1964	B	24	2300	45			G						0-45 cl
SE	33	11	6			D	24		9		9	G			D	MH	Grey quick-sand	Stock uses creek. (GSC-I)
NW	34	11	6		1922	D	96	2350	12	6	12	G			D,S, Ir	H,A	Quicksand?	Water is laxative. (GSC-I)
SE	35	11	6		1914	Dr		2390	150		150	G			N	H	Glacial quicksand	(GSC-I)
NE	35	11	6		1924	Dr	B	2390	92	60	30,92	G			D,S, Ir	H,I	Glacial quicksand	47° F, 30 ft. bored well has little water, not used. (GSC-I)
NE	35	11	6			B	24		35	6	35	G			S	H,A	Glacial quicksand?	Has 10-ft. dug well with medium-hard water for house. (GSC-I)
NE	36	11	6	Renbar	1961	Dr	5 5/8		220	29	198-220	15	6	1440	D,S		Light grey fine sd with small ss stringers	0-10 sandy soil, 10-84 sandy brown cl, 84-114 light grey cl, 114-160 hard blue cl, 160-180 silty formation, 180-198 blue cl with small hard pans, 198-220 light grey fine sd with small ss stringers; perforated from 198-220 ft.
NE	36	11	6			B	24		105			G			D,S, Ir	H,I	Glacial quicksand	Bottomed in coal? (GSC-I)
NW	2	11	7			B	30	2450	23		23	P			D	H	Glacial cl	46°F (GSC-I)
	4	11	7	Maarion	1963	B	24	2900	78	25	68	P			D	MH		
SE	4	11	7	Maarion	1962	D		2300	20			G			D	H		
SE	4	11	7		1897	D	48s	2470	20		20	VP			D,S	H,I	Glacial blue cl	Now a dry hole (GSC-I)

SW	4	11	7		1925	D	48s	2480	13	11	13	G	D,S	H	Glacial gr	50°F (GSC-I)
SE	5	11	7		1930	D	48s	2490	20	17	20	P	S	H	Glacial blue cl	49°F, has another dug well 18 ft. deep with medium hard water and hauls drinking water. (GSC-I)
NE	5	11	7		1932	D	48s	2500	16	13	16	G	D,S	H	Glacial gr	25 br; also dug 60-ft. dry hole. (GSC-I)
SE	9	11	7			D	30	2480	21		21	P	D,S	S	Glacial	Also has 58-ft. bored well with 18 ft. of water. (GSC-I)
NE	11	11	7	Maarion	1962	Dr	20	2200	18	11		G	D	S		Bottomed in cl
SE	18	11	7		1928	D	42	2540	22	17	22	P	D,S	H,I	Glacial gr & quicksand	45°F (GSC-I)
NW	21	11	7		1917	D	48	2550	70	40	70	G	D,S	H,A	Glacial sd?	(GSC-I)
NE	21	11	7		1918	D	48s	2525	8	3	8	G	S	H	Glacial gr	(GSC-I)
SW	22	11	7		1935	D	48	2500	9	4	9	G	S	H	Glacial gr	49°F (GSC-I)
NW	22	11	7		1934	B	30	2520	50	43	50	G	D,S	H	Glacial gr & sd	46°F (GSC-I)
NW	24	11	7		1936	D	30	2400	12	5	12	G	D	MH	Glacial yellow sd	50°F (GSC-I)
SE	26	11	7		1912	D	42x48	2460	20	14	20	G	D,S	MH	Glacial quicksand	48°F (GSC-I)
SW	27	11	7		1917	Dr	6	2500	87	60	87	P	D,S	S,So	Pale Beds sd	30 br; 47°F, has dug well 12 ft. deep for stock. (GSC-I)
NE	28	11	7		1963	Dr	3c		965			VG	S	S	Lower Milk River ss	(GSC-I)
NE	28	11	7		1918	Dr	6	2525	115	50	115	G	D,S	S,So	Pale Beds quicksand	46°F, has dug well 22 ft. deep with medium hard water. (GSC-I)
NE	30	11	7		1916	Dr	6	2625	100	30	100	G	S	H,So	Pale Beds sd, ss	45°F (GSC-I)
SW	32	11	7		1930	D	48s		28		28	P	D,S	H	Glacial hard sd	48°F (GSC-I)
SE	33	11	7		1928	Dr	6	2600	118	60	118	G	D,S	S,So	Pale Beds sd	46°F (GSC-I)
SW	33	11	7		1927	Dr	6	2600	130	30	130	G	D,S	S,So	Pale Beds cl & sd	40 br; 47 F, has dug well 75 ft. deep with soft water. (GSC-I)
NW	4	11	8		1909	B	24	2750	45	30	45	G	D,S	MH, A	Glacial dr?	45°F (GSC-I)
SE	5	11	8		1910	D	48s	2740	40	33	40	VG	D,S	MH, I	Glacial cl	45°F (GSC-I)
NE	5	11	8		1905	D	36x48	2725	35	15	35	VG	D,S	H,A	Glacial cl	46°F (GSC-I)
SE	7	11	8		1917	Dr	6	2760	128	48	128	VG	D,S	S,So	Pale Beds ss	50 br; 44°F (GSC-I)
NW	7	11	8		1918	Dr	6	2760	120		120	P	S	S,So	Pale Beds ss	116 br; 46°F (GSC-I)
SE	9	11	8		1912	D	36	2670	50	40	50	G	D,S	H,A, I	Glacial sd	46°F (GSC-I)
SW	9	11	8		1908	D	48	2660	40			G	D,S	H	Glacial dr?	(GSC-I)
NW	13	11	8		1909	D	36	2600	24	17	24	G	D,S	H,A	Glacial gr	Has one bored well in SW-14-11-8-W4 with soft soda water and another in SW-15-11-8-W4 with hard alkaline water. (GSC-I)
SW	18	11	8		1910	Dr	6	2740	60	25	60	VG	D,S	S,So	Pale Beds? sd?	44°F (GSC-I)
NE	19	11	8		1935	D	36	2750	64	44	64	G	D,S	MH, A	Glacial sd?	(GSC-I)

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
NE	20	11	8		1927	D		2700	40	36	40	G			D,S	H,A	Fine glacial sd	47°F (GSC-I)
SE	24	11	8		1921	D	48	2600	22	4	22	VG			D,S	S,I	Glacial sd	47°F, has 25-ft. dug well with 5 ft. of soft water. (GSC-I)
NE	24	11	8		1923	D?	36	2640	62	50	62	G			S	H,A	Ss	Water is laxative. (GSC-I)
SE	25	11	8		1920	Dr	6	2700	132		132	G			D,S	S,So		47°F (GSC-I)
SW	27	11	8		1915	D	36	2720	68	60	68	G			S	H,A,I	Blue glacial sd	Has dug well 55 ft. deep with good water 32 ft. from top. 46°F (GSC-I)
SW	28	11	8		1935	B	24	2720	60	35	60	G			D,S	H,A	Glacial dr?	46°F (GSC-I)
SE	31	11	8		1935	D	36	2700	9	2	9	VG			D,S	H,A,I	Coarse glacial gr	51°F (GSC-I)
NE	33	11	8		1911	D	36	2650	60	55	60	G			D,S	H,I	Grey ss	47°F (GSC-I)
SW	34	11	8		1914	B	24	2700	60		60	G			D,S	VH	Blue glacial cl	(GSC-I)
SE	35	11	8		1921	Dr	6	2720	141	80	141	G			D,S	S	Pale Beds	45 br; 47°F, water is laxative. (GSC-I)
NE	36	11	8		1911	Dr			140	115	140	P			S	S	Pale Beds ss	47°F (GSC-I)
NE	2	11	9			D	36		12	3	12	VG			D,S	MH	Glacial quicksand	(GSC-I)
SE	4	11	9		1931	D	36	2800	41		41	VG			D,S	H,A	Black glacial cl	(GSC-I)
NW	4	11	9		1909	D	36	2800	50	5	50				S	MH,A	Glacial cl?	(GSC-I)
SW	5	11	9			B	24	2790	40		40	G			D,S	H,I	Glacial cl	44°F (GSC-I)
SE	6	11	9		1912	D	36	2800	26		26	VG			S	H,A,I	Glacial cl	(GSC-I)
NE	7	11	9			D	48	2725	14	4	14	P			D,S	H,A	Glacial quicksand	50°F (GSC-I)
SW	8	11	9		1918	D	48	2750	45		45	G			D,S	MH,A	Glacial quicksand	46°F (GSC-I)
SW	9	11	9			D	36	2725	80		80	VG			D,S	VH, A,I	Glacial cl	(GSC-I)
SW	10	11	9			D	36	2750	42	6	42	G			S	VH, A,I	Glacial sd (fine gr)	There is good water at 18-20 ft. in a well in the SE 1/4 of section 10. (GSC-I)
NW	10	11	9		1928	D	36c	2725	38	9	38	P			D,S	MH?	Pale Beds ss	45°F (GSC-I)
NE	12	11	9		1909	D	36	2725	45		45	P			D,S	H,A	Glacial quicksand	43°F (GSC-I)
SE	12	11	9		1908	D		2725	40		40	G			D,S	H,A	Glacial quicksand	(GSC-I)
SW	12	11	9		1909	D	36	2750	45		45	G			D,S	H,A	Glacial quicksand	(GSC-I)
NE	14	11	9		1926	D	36	2730	45	12	45	P			D,S	H,A	Glacial sd	45°F (GSC-I)
NE	15	11	9		1935	D	36	2700	50		50	VG			D,S	VH, A,I	Glacial quicksand	45°F, water is slightly laxative. (GSC-I)
SW	15	11	9	Maarion	1963	B	24	2600	53	21		G			D	MH		Bottomed in loose sd

SW	17	11	9		1927	D	36	2725	22	20	22	G	D,S	H,A	Glacial gr & cl	47°F (GSC-I)
NE	17	11	9		1930	D	48	2720	20	18	20	G	D,S	MH	Glacial gr	47°F (GSC-I)
SW	17	11	9	Dube	1961	Dr			65				P			0-45 brown cl, 45-65 sd; 300 ft. drilled well 200 yds. away was dry – 0-300 blue cl.
SE	18	11	9			D		2700	17	16	17		D,S	H		47°F (GSC-I)
SW	18	11	9		1935	D	48	2700	15	3	15	P	D,S	H	Glacial sd	47°F (GSC-I)
NW	18	11	9		1930	D	48	2720	26		26	G	D	MH,I	Glacial cl?	Has another dug well 36 ft. deep with 4 ft. of hard alkaline water at 44°F. (GSC-I)
SE	18	11	9			D		2700	20		20	P	D,S	MH, A,I	Quicksand	48°F (GSC-I)
SE	19	11	9		1910	D	36	2710	90		90	G	S	S,So	Pale Beds ss	46°F (GSC-I)
SW	20	11	9			D	36	2720	45	15	45	G	D,S	H,A	Glacial dr?	45°F (GSC-I)
SW	21	11	9		1910	D	36	2720	80		80	P	S	H,A	Glacial dr? & cl	Water is laxative. (GSC-I)
SE	22	11	9		1927	D	24	2720	75		75	G	D,S	MH,I	Glacial dr?	45°F (GSC-I)
NE	24	11	9			D	48	2710	34	14	34		S	A, So?	Pale Beds?	45°F (GSC-I)
SW	24	11	9		1909	D	36	2735	60	30	60	VG	D,S	MH,I	Glacial dr?	43°F (GSC-I)
SW	27	11	9		1929	D	36	2700	18	6	18	G	D,S	MH	Glacial quicksand	46°F (GSC-I)
NW	27	11	9		1909	D	36	2700	60		60	G	D,S	H,A	Glacial gr	45°F (GSC-I)
SW	28	11	9		1928	D	48	2720	50		50	VP	D,S	H,A		45°F (GSC-I)
NE	28	11	9		1910	D		2700	78		78	VG	D,S, Ir	S,So	Pale Beds?	45°F (GSC-I)
3	28	11	9	Maarion	1962	B	18	2600	58			G	D	MH		Bottomed in loose sd
SE	31	11	9	Maarion		B	24	2900	30		25			MH	Ss	Bottomed in ss
SE	31	11	9		1934	D	60	2700	36		36	G	D,S	MH	Pale Beds	10-12 ft. of ss at bottom (GSC-I)
NW	31	11	9		1915	D	36		40	34		G	S	MH, Su	Glacial cl	Apparently not used now. (GSC-I)
SW	32	11	9			D	36	2700	40	10	40	G	D,S	VH,A		45°F (GSC-I)
NE	32	11	9		1910	D	30	2710	18	9	18	G	D,S	MH,A	Glacial gr	50°F, has another dug well 20 ft. deep with hard alkaline water on NE-32-11-9-W4. (GSC-I)
NW	33	11	9		1910	D	36	2725	10	2.5	10	G	S	H,A, Su	Coarse glacial sd	Has a 14-ft. well on NE-33-11-7-W4 with good drinking water. (GSC-I)
NE	34	11	9		1936	D	36	2675	52	39	52	G	D,S	H,I	Yellow glacial sd	(GSC-I)
NE	34	11	9		1907	D	36	2720	16	2	16	VG	D,S	MH	Glacial gr	50°F (GSC-I)
SW	35	11	9			D	36		28	10						45°F (GSC-I)
NW	36	11	9	Maarion	1962	Dr?	18	2600	50					H		Blue cl with sd layers all the way down
SE	36	11	9		1924	B	36,24	2700	50	8	35	G	D	MS	Gr	Bottomed in ss; has a 12-ft. dug well for stock with medium soft water and a 16-ft. dug dry well. (GSC-I)
SE	1	11	10		1935	B	24	2800	93	32	93	P	S	H	Pale Beds ss	44°F, has two other wells – one 83 ft. deep with a poor supply and the other 34 ft. deep with hard water, also a poor supply. (GSC-I)
SW	1	11	10		1913	D	48	2775	32	4	32	P	D,S	H	Pale Beds ss	15 cl, 26 br; 43°F (GSC-I)
NW	6	11	10			B	24	2600	60	20	60	G	S	H,A	Glacial cl & dr	46°F, water is laxative. (GSC-I)

Water-Well Records, West of the Fourth Meridian (Cont'd.)

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results Yield or test rate (gpm)	Drawdown or recovery (ft.)	Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
NW	9	11	10		1930	B	24	2610	35	5	35	< 1			D,S	H,I	Glacial quicksand	45°F (GSC-I)
SE	12	11	10			D	36	2740	32	6	32				S	H,I	Glacial dr	45°F (GSC-I)
SE	14	11	10		1928	D	36	2675	62	15	62	G			D,S	S,So	Pale Beds ss	62 br; 45°F, has two drilled wells, 200 ft. and 60 ft. with water too alkaline (soda) – used for stock. (GSC-I)
NE	15	11	10		1929	D	30	2625	75		75	P				S,So?	Pale Beds, Belly River	Formerly drilled to 104 ft. with a good supply (GSC-I)
NE	16	11	10		1917	Dr	4	2600	85						S	S,So	Pale Beds	(GSC-I)
SE	16	11	10		1917	Dr	4		106	66	106	VG			S	S,So	Belly River ss or coal?	(GSC-I)
NW	17	11	10		1913	B	24	2800	100	60	100	G			D,S	H,A	Glacial cl & dr	Drilled first 140 ft. with boulders at 100 ft. (GSC-I)
SW	17	11	10		1933	B	24	2800	54	38	54	G			D	H,I	Glacial cl & dr	Has dug well 30 ft. deep with hard water. (GSC-I)
NW	18	11	10		1912	D	48	2480	16		16	P			S	S,So	Glacial gr	46°F, hauls drinking water. (GSC-I)
NE	20	11	10			D	48	2600	40		8	40?						45°F, has two wells 15 ft. deep with 1-ft. of water each. (GSC-I)
NE	21	11	10		1920	D	24x36	2610	35	6	35	P			S	H,A, Su	Glacial cl & dr	Has another dug well 60 ft. deep, water at 35 ft. is not very good. (GSC-I)
SE	22	11	10			D			24	16		G				H		Water is laxative. (GSC-I)
SE	23	11	10		1931	B	24	2640	45		45	G			D,S	H,A, Su	Glacial cl & dr	Water is laxative. (GSC-I)
SW	23	11	10		1910	D	36	2730	70	60	70	VG			D,S	H,A	Glacial dr?	45°F (GSC-I)
SE	25	11	10		1915	D	48	2675	40	1.5	40	P			D,S	VH	Glacial quicksand	44°F, water has Glauber's salts and is laxative. (GSC-I)
SE	29	11	10		1909	D	36	2580	30		30	P			D,S	H	Glacial cl & dr	(GSC-I)
SW	32	11	10		1910	D	36	2575	68	8	68	P			S	S,So	Belly River, Foremost	68 br; 48°F, has dug well 16 ft. deep with medium hard water for domestic use. (GSC-I)
NE	33	11	10		1911	Dr	6		160	60	160	G			S,	S,So	Belly River, Pale Beds ss	(GSC-I)
NE	35	11	10			D	48	2650	24	4	24					H	Glacial dr	45°F (GSC-I)
SE	36	11	10		1928	D			14			P				MH	Glacial quicksand	45°F (GSC-I)
NW	36	11	10		1918	D	48	2650	30	10	30	P			D,S	VH,I	Glacial dr	Water has Glauber's salts. Well is supplemented by another well 19 ft. deep. (GSC-I)
NE	1	11	11		1930	B	24	2597	80	35	35	G			D,S	H,I	Glacial dr, Belly River blue cl	45°F, water is salty. (GSC-I)
SW	2	11	11		1917	Dr	6	2600	147						N	H,A	Belly River	Water is unfit for use. (GSC-I)
SW	3	11	11		1910	D	72x48	2524	12	4		G			D,S, Ir	H	Glacial quicksand	48°F (GSC-I)

SE	5	11	11	Foremost	1953	Dr	3,2c		760			VG	D,S	S	Lower Milk River ss	(GSC-I)
SW	6	11	11		1910	D	48s	2565	26	20		G	D,S	H	Green glacial quicksand	(GSC-I)
SE	7	11	11		1912	Dr	3	2547	600	+3	600	G	S	S,So	Milk River sd, Belly River, Pakowki	Well was originally 2,000 ft. deep with gas and water. 52°F, water is salty. (GSC-I)
NE	13	11	11	Foremost	1953	Dr	3,2c		800			VG	D,S	S	Lower Milk River ss	(GSC-I)
NW	15	11	11		1917	Dr	6c	2288	142	10	140		D,S	S		0-35 gr & sd, 35-65 black cl, 65-73 ss, 73-93 light colored cl, 93-142 sh rock
NW	15	11	11		1917	Dr	2		100			G	D,S	S,So	Belly River	(GSC-I)
SE	24	11	11		1916	D	42s	2430	20	4	18	G	S	H,A,I	Glacial gr	0-2 cl, 2-20 gr (GSC-I) 0-63 hard cl, fine sd at bottom
SE	25	11	11	Maarion	1964	B	24	2800	63	D			D,Ir	H,A	Glacial sd	0-10 cl, 10-35 sd; hauls water for stock. (GSC-I)
SE	1	11	12		1928	D	42s	2571	35	2			S	S,So	Milk River, Pakowki, Foremost	730 caprock; 55°F (GSC-I)
SE	6	11	12		1936	Dr	2		765	+30		8	S	H,A	Belly River, Foremost	0-60 blue cl, 60-65 coal (GSC-I)
SW	1	11	13		1918	B	30s	2655	65	2.5		P	D,Ir, S	H,I	Glacial gr	0-14 sd, 14-28 gr; 44°F (GSC-I)
SE	18	11	13		1935	D	48s	2361	28	26.5	26.5	G	D,S	S,So, I	Foremost, Belly River	(GSC-I)
NE	19	11	15		1920	Dr	6	2550	125	20	125	VG	S	S	Lower Milk River ss	(GSC-I)
SW	2	11	16	Midland	1951	Dr	2c		726	F		VG	D,S	MH	Glacial sd	(GSC-I)
SW	2	11	16		1929	D	36c	2658	24	21		VG	S	H,A	Glacial sd	(GSC-I)
SW	4	11	16		1908	D	48s	2599	20	16		G	D,S	S	Glacial gr	46°F (GSC-I)
SW	8	11	16			S	48sc	2539				G	S	H	Glacial sd	Water is bitter. (GSC-I)
SW	9	11	16		1919	D	36c	2589	42	35		G	D,S	H	Glacial sd	During spring the water supply is obtained from sloughs. (GSC-I)
SW	11	11	16		1918	D	48s	2650	18	10		P	D,S	S,So	Belly River	(GSC-I)
SW	16	11	16		1920	Dr	6c	2582	230	170		G	S	VH, Su	Glacial sd	(GSC-I)
NE	17	11	16			B	30	2584	49	42		G	S	S	Glacial gr	(GSC-I)
NE	18	11	16			S		2532				G	D,S	S	Glacial sd	(GSC-I)
NW	21	11	16		1909	D	48sc	2567	12	10		VG	D,S	H,A	Glacial sd	Well is not used now. (GSC-I)
SE	22	11	16		1929	B		2636	23	21		G	D,S	H,A	Glacial sd	(GSC-I)
SE	28	11	16		1915	D	48sc	2627	12	11		G	D,S	S	Glacial sd	(GSC-I)
SE	28	11	16			D	48sc	2577	20	14		VG	D	H	Glacial sd	(GSC-I)
SE	29	11	16		1911	D	48sc	2568	12	11		P	D,S	S	Recent alluvium	(GSC-I)
SW	36	11	16		1926	D	48sc	2445	33.5	30		VG	D,S	H	Glacial sd	(GSC-I)
NW	4	11	17		1931	B?	42sc		45	35			D,S	H	Glacial	(GSC-I)
SE	6	11	17		1929	D	48sc	2680	10	9			S	H,A	Glacial cl	(GSC-I)
NE	9	11	17		1921	B	30c		70	40		G	D,S	S,So	Belly River ss	(GSC-I)
NE	11	11	17		1922	Dr		2604	175	140		G	S	H	Blue glacial cl	(GSC-I)
SW	15	11	17		1921	Dr	6c		102	20		G	D,S	S,So	Belly River ss	(GSC-I)
SE	17	11	17		1921	Dr	6c		240	180		G				

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Yield or test rate (gpm)	Test results Drawdown or recovery (ft.)	Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
SE	17	11	17		1917	Dr	6c		243	217					D,S	S,So	Belly River gr	(GSC-I)
NE	18	11	17		1914	Dr	6c		210	D								(GSC-I)
NW	19	11	17			D	48sc	2799	26						S	H,A	Glacial sd	(GSC-I)
SW	20	11	17		1921	Dr	6c		250	240		G			S	S,So	Belly River ss	(GSC-I)
SE	22	11	17		1921	Dr	6c		220	150		P			D,S	S,Su	Belly River ss	(GSC-I)
NW	25	11	17		1930	B	36	2605	33	28					D,S	H	Glacial cl	(GSC-I)
NE	28	11	17		1917	Dr	2 1/2c		923	+4		5			D,S	S	Milk River ss	(GSC-I)
NE	33	11	17		1910	D	48sc		15	12		G			D,S	S	Glacial sd	(GSC-I)
SW	34	11	17		1913	Dr	6c		126	41		G			S	So	Belly River ss	(GSC-I)
NE	14	11	18		1929	D	48sc	2781	33	20		P			D	H,A	Glacial cl	(GSC-I)
SW	17	11	18		1920	Dr	6		250	160		<1			S	S,So	Belly River	(GSC-I)
SE	18	11	18		1920	Dr			250								Belly River	(GSC-I)
NE	21	11	18			Dr			250			VG			S	S,So	Belly River	(GSC-I)
SE	25	11	18		1929	B	36c	2806	60	53		G			S	H,A	Glacial sd	(GSC-I)
SE	30	11	18		1920	Dr	6c	2829	200	170		G			D,S	S,So	Belly River	(GSC-I)
NE	34	11	18		1934	D	48sc	2831	33	31		G			S	H,A	Glacial cl	(GSC-I)
NE	7	11	19		1917	D	48c	2838	23	19		VG			D,S	H	Glacial quicksand	(GSC-I)
NW	17	11	19		1910	D	48sc	2843	20	15		VG			D,S	H	Glacial quicksand	(GSC-I)
NE	18	11	19		1914	D	48sc	2848	21	18		VG			D,S	H	Glacial quicksand	(GSC-I)
NW	19	11	19		1917	D	48sc	2830	20	10		VG			S	H	Glacial quicksand	(GSC-I)
NW	20	11	19		1908	D	36c	2802	24	12		10			D,S	H	Glacial quicksand	(GSC-I)
NW	24	11	19		1920	Dr		2800	250									(GSC-I)
SW	1	11	20		1936	D	42sc	2801	20	15		G			D,S	A	Glacial sd	Water is laxative. (GSC-I)
NW	2	11	20		1908	D	48sc	2847	25	23		G			D,S	H	Glacial sd	(GSC-I)
SE	2	11	20		1910	D	42sc	2820	15	5		G			D,S	H	Glacial sd & gr	(GSC-I)
SW	2	11	20		1910	D	36sc	2845	16	12		VG			D,S	H,A	Glacial quicksand	(GSC-I)
NE	3	11	20		1906	D	42c	2836	14	7		G			D,S	H	Glacial dr (silt)	(GSC-I)
NW	3	11	20		1908	D	48sc	2852	35	27		G			S	H	Glacial quicksand	Water is bitter. (GSC-I)
SW	4	11	20		1906	D	48sc	2845	15	10		G			D,S	H	Glacial quicksand	(GSC-I)
NE	4	11	20		1908	D		2856	36	34		P			S	H,A	Glacial quicksand	Water is bitter and very laxative. (GSC-I)
SW	5	11	20		1917	Dr	6c	2882	175	100		VG			S	H,A	Yellow glacial cl	Water is very laxative. (GSC-I)

NE	5	11	20		1917	Dr	6c	2850	280	150		G	S,P	S,So	Belly River	(GSC-I)
SW	9	11	20		1907	D	42c	2849	18	15		VG	D,S	H,A	Glacial quicksand	(GSC-I)
NE	9	11	20		1906	D	48sc	2850	18	10		P	D	H	Glacial sd	(GSC-I)
SE	9	11	20		1908	D	48sc	2845	20	17		G	D,S	H	Glacial quicksand	Well is now filled in. (GSC-I)
SE	10	11	20		1908	D	48sc	2841	14	12			D,S	H	Glacial quicksand	(GSC-I)
NW	10	11	20		1908	D	48sc	2841	27	22		G	S	H,A	Glacial sd	(GSC-I)
NW	12	11	20		1906	D	48sc	2853	25	12		G	D,S	H	Glacial quicksand	(GSC-I)
SE	12	11	20		1908	D		2811	12	7		VG	D,S	H,A	Glacial quicksand	(GSC-I)
SE	15	11	20		1906	D	48c	2840	24	9		VG	S	H,A	Glacial quicksand	Water is very laxative. (GSC-I)
NW	16	11	20		1906	D	48sc	2861	9	6		G	D,S	H	Glacial quicksand	(GSC-I)
SE	16	11	20		1905	D	48sc	2846	12	8		G	D,S	H	Glacial quicksand	Well is not used now. (GSC-I)
NW	18	11	20		1913	Dr	6	2898	298	160			S	S,So	Belly River	(GSC-I)
SW	18	11	20		1913	Dr	6	2890	250	190		VG	S	S,So	Belly River	Water is very laxative. (GSC-I)
SE	18	11	20			D		2829?	18	10		>1	D	H,A	Glacial gr	(GSC-I)
NW	19	11	20		1917	Dr	6	2900	330			P	N		Belly River	Well not used; supply inadequate and unfit. (GSC-I)
	21	11	20	Henning		R	5 1/2		380	D						0-15 soft brown cl, 15-30 sticky brown cl, 30-55 gr & cl, 55-125 blue cl, 125-145 brown cl & sh, 145-170 blue sh, 170-200 soft grey (light colored) sh & ss, 200-202 hard ss, 202-215 soft sh, 215-219 hard sh, 219-260 hard & soft sh, 260-300 ss, 300-330 light colored soft sh, 330-340 ss, 340-350 soft grey sh, 350-360 ss & coal, 360-370 some sh mixed with ss, 370-380 soft grey sh
SW	21	11	20		1906	D	36sc	2868	16	8		G	D,S	H,A	Glacial cl	Well is not used now. (GSC-I)
NE	21	11	20		1906	D	48sc	2867	6	3		G	D,S	S	Glacial quicksand	(GSC-I)
NE	22	11	20		1906	D	48sc	2838	7	4.5		VG	D,S	S	Glacial sd	(GSC-I)
SE	24	11	20		1908	D	36c	2832	18	15		G	D,S	H,A	Glacial sd	(GSC-I)
NE	24	11	20		1907	D	30c		14	14	14		D,S	H		14 sd
SE	24	11	20			D	48sc	2829	18	10		VG	D,S	H,A	Glacial sd & gr	(GSC-I)
NE	24	11	20		1908	D	48sc	2818	20	10		VG	D,S	H	Glacial quicksand	(GSC-I)
SW	25	11	20		1906	D	42sc	2837	30	20		G	D,S	H,A	Glacial quicksand	(GSC-I)
SE	27	11	20		1932	D	96x48c	2852	7	4.5		>1	D,S	S	Glacial sd	(GSC-I)
NW	27	11	20		1908	D	48sc	2862	35	20		VG	D,S	S	Glacial gr	(GSC-I)
SE	28	11	20		1906	D	48sc	2851	25	19		G	S	H,A	Glacial cl	(GSC-I)
SE	33	11	20		1911	D	48sc	2869	20?	22?		P	D,S	H	Glacial quicksand	(GSC-I)

Water-Well Records, West of the Fourth Meridian (Cont'd.)

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results Yield or test rate (gpm)	Drawdown or recovery (ft.)	Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
13	1	11	21		1932	Dr		2940	362		128	1						0-12 cl, sd & gr, 12-13 small boulders, 13-60 cl, sd & gr, 60-80 sd & gr, 80-100 cl, 100-128 sandy cl, 128-160 cl with small seams of gr, 160-180 sd, 180-222 cl, sd & gr, 222-247 sd & cl, 247-250 small boulders & gr, 250-265 sd & cl, 265-266 boulders, 266-273 cl, 273-297 cl & sd, 297-299 boulders, 299-303 cl, 303-322 cl & gr, 322-338 sh, 338-362 sh, ss & sandy streaks
13	3	11	21		1932	Dr			409									0-10 cl, 10-11 boulders, 11-50 cl, 50-62 sd, 62-73 gr & boulders, 73-80 cl, 80-81 boulders, 81-103 cl, 103-135 sd, 135-143 gr & boulders, 143-168 gr, 168-186 sd, 186-212 cl & gr, 212-244 cl, 244-246 gr & boulders, 246-262 sd & cl, 262-275 sd, 275-289 cl, 289-291 boulders, 291-298 cl, 298-309 sd, 309-313 cl, 313-320 coal & bone, 320-329 decomposed sh, 329-355 brown carbonaceous sh with coal streaks, 355-395 sh with sandy streaks, 395-409 light, medium grey ss with sh streaks
13	3	11	21			Dr		2990	341									0-15 cl, 15-16 boulders, 16-55 cl, 55-67 sd, 67-78 gr & boulders, 78-85 cl, 85-86 boulders, 86-108 cl, 108-140 sd, 140-148 gr & boulders, 148-173 gr, 173-191 sd, 191-217 cl & gr, 217-249 cl, 249-251 gr, 251-267 sd & cl, 267-280 sd, 280-294 cl, 294-296 boulders, 296-303 cl, 303-314 sd, 314-320 cl, 320-324 coal & bone (Lethbridge seam?), 324-334 black carbonaceous sh, 334-335 dark grey sh & plant remains, 335-341 fine- to medium-grained grey ss & plant remains, 341+ olive to dark grey sandy carbonaceous sh
13	5	11	21			Dr			413.5									0-13 cl, 13-20 boulders, 20-26 gr, 26-54 cl, gr & boulders, 54-90 cl, 90-114 sd, 114-143 cl, 143-165 cl, boulders & gr, 165-170 boulders, 170-174 gr, 174-182 sd, 182-190 cl, 190-193 gr, 193-239 cl, 239-245 boulders, 245-293 cl & boulders, 293-295 gr, 295-312 cl, 312-322 cl & gr with red rock @ 322, 322-382 sh, 382-385.5 oyster bed, 385.5-387.75 coal, 387.75-388.5 sh, 388.5-393.73 coal, 393.73-394.08 sh, 394.08-395.25 coal & bone, 395.25-398.0 streaky coal, 398.0-399.25 shaley coal & Black Jack, 399.25-400.08 black sh, 400.08-401.67 brown sh, 401.67-406.0 grey sh, 406.0-413.5 ss

13	5	11	21			Dr		3011	413									0-13 cl, 13-20 boulders, 20-26 gr, 26-54 cl, gr & boulders, 54-90 cl, 90-114 sd, 114-143 cl, 143-165 cl, boulders & gr, 165-170 boulders, 170-174 gr, 174-182 sd, 182-190 cl, 190-193 gr, 193-229 cl, 229-235 boulders, 235-283 cl & boulders, 283-285 gr, 285-302 cl, 302-312 cl & gr, 312-354 dark grey bentonite sh, 354-355 sandy ferruginous sh, 355-359 oyster bed, Ostrea, 359-362 dark grey sh, 362-363.5 shaley ss, 363.5-364 coal, 364-366 grey carbonaceous sh, 366-371 dark grey sh, 371-375 Ostrea bed, 375-377.75 coal, 377.75-378.5 dark sh, 378.5-379.08 poor coal, 379.08-383.75 Lethbridge seam, 383.75-384.08 sh, 384.08-385.25 sh & bone, 385.25-388 sh with coaky streaks, 388-389.25 coaly sh, 389.25-390.08 black carbonaceous sh, 390.08-391.67 brown sh, 391.67-396 grey to olive grey sh, 396-403 medium-grained massive ss
NW	11	11	21			B	24c	3000	60	30		P			D,S	H,I	Glacial sd	(GSC-I)
SW	19	11	21		1915	B	24c	3128	118	61		G			D,S	H,A	Glacial dr	(GSC-I)
NW	19	11	21		1912	B	24c	3158	135	133		P			D,S	H,I	Glacial dr	Water is laxative. (GSC-I)
NE	31	11	21	Dial	1959	Dr	6		115	7	33-43, 70-72, 100-105	20	80 -79	15 20	D	S	Gr & sd, coal, soft ss	0-33 cl, 33-43 gr & sd, 43-50 yellow cl & gr, 50-70 dark sh, 70-72 coal, 72-100 sh, 100-105 soft ss, 105-115 sh
SW	2	11	22		1933	D	48sc	3155	26	15					N	H	Glacial gr	(GSC-I)
SE	3	11	22		1916	Dr		2395	150	50		VG			D,S	H,I	Edmonton?, St. Mary's	(GSC-I)
2	5	11	22	Dial	1957	Dr	6,5		95	15	35-45, 85-86	20	45 -40	15 5	D	A	Sandy cl & gr	0-35 cl, 35-45 sandy cl & gr, 45-55 sandy cl, 55-82 sh, 82-85 blue sd, 85-95 sh
NE	5	11	22		1914	Dr		3289	200	70	125,175	VG			N	A		Well not used because it makes stock sick. Water at 175 ft. is alkaline, at 125 ft. has soda. (GSC-I)
SW	5	11	22		1914	D	48sc	3215	21	15		G			D,S	H	Glacial gr	(GSC-I)
SE	5	11	22		1934	D	36sc	3202	35	32		P			D,S	H	Glacial cl	(GSC-I)
SW	6	11	22		1918	Dr	6c	3233	144	30		VG			D,S	S,Su	Edmonton?, St. Mary's	(GSC-I)
SE	7	11	22		1909	Dr	6c	3323	140	74		P			D	S,So	Edmonton?, St. Mary's	112 coal (GSC-I)
NE	8	11	22		1926	Dr	6c	3306	180	D							Edmonton?	(GSC-I)
SW	9	11	22		1916	Dr	6c	3298	95	35					D,S	S	Edmonton?, St. Mary's	Well is not used now. (GSC-I)
NW	10	11	22		1928	Dr	6c	3211	160	100		P			S	S,So	Edmonton?, St. Mary's	Water is laxative. (GSC-I)
SE	13	11	22		1910	D	36c	3096	100	75		G			D,S	H,A	Glacial cl	(GSC-I)
SW	14	11	22		1916	Dr	6c	3119	100	40		VG			D,S	H,A	Glacial cl	(GSC-I)
NE	15	11	22		1907	Dr	5c	3188	160	110		VG			D,S	H	Edmonton, St. Mary's	Well is not used now. (GSC-I)
NE	16	11	22		1928	Dr	5c	3202	165	12		VG			D,S	S	Edmonton, St. Mary's	(GSC-I)
NW	16	11	22		1928	D		3255	20			G			D,S	H	Edmonton, St. Mary's	12 coal (GSC-I)

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
NW	17	11	22			D	48sc	3267	12	7		P			D,S	H	Edmonton, St. Mary's	(GSC-I)
SE	18	11	22		1916	D	30sc	3290	20	15		P			D,S	H	Edmonton, St. Mary's	(GSC-I)
NE	19	11	22		1924	D	48sc	3204	25	21		G			S	H,A	Edmonton, St. Mary's	(GSC-I)
NW	19	11	22		1914	D	48sc	3144	25	15		G			S	H,A	Edmonton, St. Mary's	(GSC-I)
SW	21	11	22		1916	D	48sc	3250	20	10		G			S	H	Glacial dr	(GSC-I)
SW	23	11	22		1915	Dr	6c	3155	240	20					S	S,So	Blood Reserve (Fox Hill ss)	100-101 coal (GSC-I)
SE	24	11	22		1916	B	30c	3140	118	98		P			D,S	H,A	Glacial gr	Well is not used now. (GSC-I)
SW	27	11	22		1916	Dr	5c	3177	80	20		VG			S	H,A	Edmonton, St. Mary's	(GSC-I)
NE	34	11	22		1914	Dr	6c	3199	140	120		G			D,S	H,I	Glacial dr	(GSC-I)
NW	35	11	22		1914	Dr		3175	300	D							Glacial gr	(GSC-I)
NW	35	11	22		1928	B	24c	3182	110	102		G			D,S	H	Glacial quicksand	(GSC-I)
NW	36	11	22		1915	Dr	5c	3246	211	150		G			D,S	H	Glacial cl	(GSC-I)
NW	9	11	23	Dial	1961	Dr	6		230			<1			D			0-40 cl, 40-190 sh, 190-192 ss, 192-230 sh
SE	11	11	23		1916	Dr	6c	3202	265	120					D,S	H,A	St. Mary's	(GSC-I)
NW	13	11	23		1928	Dr	6c	3247	156	18					D,S	Su	St. Mary's	(GSC-I)
15	16	11	23	Imperial Oil				3202	75	F								0-75 cl & sh; flowing shot hole
8	23	11	23	Dial	1958	Dr	6,5		210	25	25-50, 75-80	6			D	S,A, Su		0-30 cl, 30-210 blue & brown sd with soft & hard spots, bottomed in sh
NW	19	11	24	Dial		Dr	6,5		80	20	50-60	<1			D	S,A		0-30 cl, 30-80 sh
SW	36	11	24	Dial	1958	Dr	6,5		90	20	45-50, 70-75	5	60	30		S,A	Ss	0-35 cl, 35-45 sh, 45-50 ss, 50-70 sh, 70-75 ss, 75-90 sh
NE	34	11	25	Dial	1965	C	6,5		250	40	68-70	>1	210				Hard sandy sh	0-25 cl, 25-68 sh, 68-70 hard sandy sh, 70-250 hard & soft sh; well was plugged back to 95 ft.
1	5	11	26	Maughan	1965	C	6		200	20	54	25		180	N			0-5 cl, 5-10 ss, 10-54 sh, 54-58 ss, 58-69 sh, 69-76 ss, 76-200 sh
1	17	11	26	Maughan	1965	C	6		225	30,100	78,138	1,5		60,180	N			0-18 cl, 18-42 sh, 42-51 ss, 51-76 sh, 76-89 ss, 89-129 sh, 129-179 ss, 179-225 sh
NW	27	11	26	Dial	1962	C	6,5		250	33	110-130, 135-140, 140-150, 170-175	3			S	S		0-60 cl, 60-93 blue cl, 93-98 soft wet cl, 98-103 hard cl, 103-110 sh, 110-250 hard & soft layers of sh with the few hard layers bearing small amounts of water
NE	12	11	27			Dr			50			VG			D,S			
SE	23	11	27			Dr			25						D			
SE	23	11	27			D			12			G			D,S			
NE	26	11	27			Dr			75						D,S			

S1/2	26	11	27	Pregoda	1960	Dr	6		123	6	88-90	14	117	10?	D			0-12 cl, 12-14 sd, 14-24 blue cl, 24-26 bentonite, 26-30 grey ss, 30-39 sh, 39-73 layers of 1 to 2 ft. sh & ss, 73-90 grey ss, 90-92 coal & sh, 92-115 sh, 115-119 ss, 119-123 sh
SE	31	11	27			Dr				F		<1			D	S			
8	31	11	27	Dial	1958	Dr	6		52	F	48-52	3			D,S		Coarse sd & fine gr	0-15 cl, 15-35 sd & cl, 35-48 hard blue cl, 48-52 coarse sd & fine gr
SW	36	11	27			D			15						D,S			
SW	36	11	27	Dial	1961	Dr	6		270	22	245-260	5,7			D,S		Ss	0-50 cl, 50-60 ss, 60-200 sh, 200-245 sh & ss, 245-260 ss, 260-270 sh & ss
SE	5	11	28	Maarion	1964	B	24	3000	30			G						Blue cl down, sd at bottom, lots of water coming in 10 ft. from top.
SE	24	11	28	Pregoda	1961	Dr	6		86	16	54-56, 72-74	3			D			21-37 sd & cl, 37-39 ss, 39-50 sh, 50-59 ss, 59-67 sh, 67-70 bentonite, 70-74 ss, 74-86 sh; first 21 ft. were dug.
SE	27	11	28	Pregoda	1962	Dr	6		102	16	98-100	10					Fine gr & sd	0-6 cl, 6-15 gr, 15-38 brown sd, 38-85 sd & cl, 85-92 gr, 92-98 cl, 98-101 fine gr & sd, 101-102 ss
7	27	11	28	Dial	1965	C	6		102	9	94-102	30	0	30	S	MH	Gr	0-30 cl, 30-94 cl with gr mixture, 94-102 gr
NW	32	11	28	Pregoda	1960	Dr	6		165	70	160-162	14	10	1200				0-3 cl, 3-26 gr & sd, 26-110 sd & cl, 110-120 brown sh, 120-162 grey ss, 162-? ?; well is near a river.
NW	32	11	28	Pregoda	1960	Dr	6		100	45	90-93	14		1200	D			0-4 cl, 4-7 gr, 7-16 brown sd, 16-45 cl, 45-48 ss, 48-56 cl, 56-60 grey ss, 60-76 soft brown sd, 76-78 brown sh, 78-98 grey ss, 98-100 sh
NE	36	11	28	Dial	196?	Dr	6,5		86	35	40-42, 67-70	1.5	51	60	D,S	H	Soft blue cl	0-10 hard cl with gr & boulders, 40-42 soft blue cl, 42-56 blue cl, 56-70 ss, 70-86 sh
SW	36	11	30	Maarion	1964	B	24	2500	48									Sandy cl to bottom of hole, gr at bottom; water rose 16 ft. and is very strong.
NE	3	12	1			B	30	2450	38	10	38	G			D,S	H	Glacial gr	Also has a shallow well for stock. (GSC-I)
SE	9	12	1		1913	Dr	5	2550	120	53	120	G			D,S	H,A	Belly River (dark sd)	(GSC-I)
SW	11	12	1			D	60	2445	22	10	22	VG			D,S	H	Glacial gr	(GSC-I)
SE	12	12	1		1929	D	48	2440	25		25	G			D	VH,A	Sd & gr	Also has a similar 52-ft. well. (GSC-I)
SW	15	12	1			D	48s		45		45	G			S	VH,A	Glacial dr?	(GSC-I)
NE	16	12	1		1935	D	48s		30		30	G			D,S	H	Glacial sd (quicksand)	(GSC-I)
SE	21	12	1		1926	B	24		80	50	80	G			D,S	H,A, Su	Glacial quicksand	51°F (GSC-I)
NW	22	12	1		1930	B	24		74	30	74	G			D,S	H	Glacial gr & sd	Also has a 79-ft. bored well, with bitter water at 40 ft.; hauls drinking water. (GSC-I)
NW	25	12	1		1900	D	60	2400	10		10	VG			S	H	Glacial gr & quicksand	(GSC-I)
SE	28	12	1		1911	B	24		140		140				S	H,Su	Belly River sd & cl	Well is caved in. Also has a 60-ft. dug well with hard alkaline water used for stock, and two bored wells – one 139 ft. deep with a small amount of water at 100 ft. and the other 50 ft. deep into quicksand, gr, and stones. Hauls drinking water. (GSC-I)
NW	32	12	1		1917	B	24		20		20	G			D,S	H	Glacial gr	Well is filled in now. (GSC-I)

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Yield or test rate (gpm)	Test results Drawdown or recovery (ft.)	Test results Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
NW	33	12	1		1916	D	48s		20		20	G			D,S	H,A	Yellow sd	Well is filled in now. (GSC-I)
NW	36	12	1			D	30	2400	16	8	16	G			S	H,A	Glacial gr & cl	Some Glauber salts in water. (GSC-I)
NW	8	12	2		1938	D			40			G			D,S	H		46°F (GSC-I)
NW	17	12	2			S	30x36	2600	6	1		G			S	S,A, So		0-6 glacial gumbo, bottomed in yellow cl (GSC-I)
SW	19	12	2		1921	B	18		40			G			D,S		Glacial?	44°F (GSC-I)
SE	6	12	3		1922	D	48		47			P			D,S	S	Glacial cl	(GSC-I)
SW	7	12	3			D	48s		34	30		G			D,S	H	Glacial cl	(GSC-I)
NE	14	12	3		1933	Dr	5		217	147		VG			D,S	S		0-10 stones, 10-50 yellow cl, 50-70 dark cl, 70-95 dark blue cl, 95-135 gr & sd, 135-137 yellow cl, 137-183 blue cl, 183-217 blue ss; 46°F (GSC-I)
SW	15	12	3		1936	D	48s		22	6		G			D,S	H	Glacial dr?	Sd, gr, & boulder cl; 46°F (GSC-I)
NE	16	12	3			D	36s		31			G			D,S	H	Glacial sd	44°F (GSC-I)
NE	17	12	3			B		2480	36	36							Glacial dr?	(GSC-I)
SE	30	12	3	Renbar	1961	Dr	5 5/8		147	29	120-145	12	6.3	1440	D,S		Grey sd	0-? soil, ?-120 light blue cl, grey cl, & brown cl, 120-145 grey sd, 145-147 blue cl
SW	2	12	4		1933	D	48s	2550	45	37	45	G			D,S	H,A	Glacial quicksand	(GSC-I)
NW	6	12	4		1910	B	24	2450	106	2		P			N	H	Pale Beds (fine grey sd)	Well is filled in now. (GSC-I)
SE	9	12	4		1933	D	48s	2430	30	25	30	VG			S	H,A	Glacial cl?	(GSC-I)
SW	10	12	4		1913	D	48	2450	30	25	30	G			D	H,A	Glacial gr	0-30 boulder cl; also has a 12-ft. dug well with hard water at 3 ft. (GSC-I)
SE	11	12	4		1931	D	48s	2450	12		7	G			S	H,A	Glacial sd	0-12 gumbo (GSC-I)
NW	17	12	4			S		2350				50			S	MH, Su	Glacial gr	Also has two other springs, one located on SW-15-12-4 and another at SW-14-12-4, with total production of 150 gpm. (GSC-I)
NE	24	12	4				48sc		18		12-18				D,S	S	Sd	12-18 sd
SE	28	12	4				48sc		28		18				D,S	S	Hard sd	18-28 hard sd
NE	29	12	4				48sc		50		47				D,S	S	Hard cl	47-50 hard cl; well is caved in now.
NW	2	12	5			B	24	2411	75	72	75	P			D	H	Glacial dr	Gr & boulders @ 48 ft.; also has another well 48 ft. deep with hard alkaline water that is not used. (GSC-I)
SE	3	12	5		1932	D		2345	20		20	P			D,S	MH	Pale Beds	(GSC-I)
SW	4	12	5		1903	D	48sc	2375	27	26	27	G			D,S	MH	Glacial sd & gr	0-27 sd & gr (GSC-I)
NE	4	12	5		1918	D	30	2325	15	10	15	G			D	H,A	Pale Beds ss	49°F; uses spring for stock. (GSC-I)
NE	5	12	5			D	48sc		18		18				D,S	H	Sd	0-18 yellow sandy loam
NW	8	12	5		1934	D	72s	2360	12	11.5	12	G			D	MH	Glacial sd	47°F (GSC-I)
SW	12	12	5		1925	D	60s	2410	11	8	11	G			D,S, Ir	S	Glacial gr	51°F; has several other wells used for stock. (GSC-I)
SE	16	12	5		1934	D	30	2320	9	8	9	G			D	MH	Glacial sd	49°F; uses creek for stock. (GSC-I)

NE	17	12	5		1929	D	48s	2360	15	10	15	G			D,S	S	Glacial cl	(GSC-I)
SE	19	12	5			D	48sc		12		12				D	S		
SW	19	12	5			D	72sc		80		80				S	A	Sd	
10	32	12	5			Dr		2164	70	19					O			0-10 sd & gr, 10-30 coarse gr, 30-58 very coarse gr & small pebbles, 58-70 blue sh; recorder installed Oct. 1, 1959, RCA test hole.
10	32	12	5			Dr		2152	55						P			0-12 sandy cl, 12-22 fine gr & sd, 22-35 coarse gr, 35-55 very coarse gr & small pebbles, 55+ blue sh
10	32	12	5			Dr		2161	45						P			0-14 sandy cl, 14-20 fine gr, 20-30 coarse gr, 30-45 very coarse gr & small pebbles
	36	12	5	Renbar	1961	Dr	5 5/8		330	140	290-320	2.5	90	2880	D,S			0-10 soil, 10-90 brown cl, 90-120 grey cl, 120-160 very fine silty formation, 160-280 blue cl, 280-290 silt, 290-320 very fine silty sd, 320-330 blue cl
SW	1	12	6			D	48c		70						D,I			Gr & sd @ 70 ft.
NE	1	12	6		1929	B	24	2350	95	30	95	VG			D,S	H,I	Glacial quicksand	(GSC-I)
NE	1	12	6		1925	B	24,8		95		95	G			D,S	H,I	Quicksand?	(GSC-I)
NE	2	12	6		1918	B	24	2340	92		92	G			N	H	Glacial dr?	(GSC-I)
SW	3	12	6			D	60sc		16		8				N	S	Sd	8-16 sd
NE	7	12	6			D	30	2400	16	12	16	G			D,S	H,A	Glacial sd	46°F (GSC-I)
NE	9	12	6		1917	Dr	2 1/2	2350	140	15	140	G			D,S	S	Fine sd	(GSC-I)
SW	14	12	6			S		2340		0		G			D,S	H	Glacial dr?	Well is on a deserted farm. (GSC-I)
NW	14	12	6		1925	D	72	2340	12		12	G			D,S	MH	Glacial yellow sd	Well is caved in now. (GSC-I)
NE	15	12	6		1932	D	48s	2340	24	23	24	G			D,S	H,A	Glacial yellow quicksand	46°F; water is laxative.
SE	16	12	6		1912	Dr	2		165	75	?,80				N	MS	Gr, quicksand	Also has another similar well. (GSC-I)
SW	18	12	6		1937	D	48s		16	12		G			D,S	H,A	Quicksand	Has a similar well. (GSC-I)
NW	20	12	6			D	48sc		60		50				D,S	A		
NE	22	12	6		1913	Dr		2313	1202		21-25 312				N			(GSC-I)
NE	25	12	6			Dr		2269	1108		1029	P			N			(GSC-I)
	26	12	6			Dr		2269	1120		280				I			(GSC-I)
SE	28	12	6			Dr		2298	1187		325	2.5			N			(GSC-I)
SE	28	12	6			Dr		2360	1150		315	1			N			(GSC-I)
NE	28	12	6		1913	Dr		2298	1187		325	2.3			N			(GSC-I)
SE	30	12	6	Renbar		Dr	4 1/2c		200	14		3						0-10 soil, 10-70 till, 70-110 cl, 110-130 sandy cl, 130-140 hard cl, 140-180 blue cl, 180-195 water sd, 195-200 blue cl
SW	30	12	6			D	48sc		100		80				S	A		
SE	30	12	6			D	36c		100	40	60					Sa	Cl	60-100 cl
SW	31	12	6			D	48sc		50		40				S	A		
SW	36	12	6		1913	Dr		2137	998		914						Milk River	(GSC-I)
	36	12	6		1925	Dr		2237	1014		220					A		(GSC-I)
SW	1	12	7		1935	D	30	2450	26	14	26	G			D,S	H,A	Glacial sd & gr	49°F; has similar well for stock. (GSC-I)
SE	4	12	7		1917	D	48s	2570	20	14	20	P			D,S	H	Glacial sd & gr	48°F; has dam for stock and 8-ft. dug well. (GSC-I)

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
SW	5	12	7		1911	Dr	6	2650	120		60	G			D,S	S,So	Ss	(GSC-I)
SE	5	12	7		1913	Dr	6	2625	120	90	120	<1			D,S	S,So	Pale Beds	Cl & sd (GSC-I)
SE	6	12	7			Dr	6	2675	100	65	100	G			D,S	S,So	Pale Beds	Also had another well bored 50 ft. deep, which yields <1 gpm of soft, soda water.
SW	9	12	7		1914	D	48s	2590	14		14	G			D,S	H	Glacial cl	(GSC-I)
SW	13	12	7			Dr	6		50	40	50	P			D	H,A	Glacial quicksand	Water is laxative; also has another dug well 16 ft. deep used for stock. (GSC-I)
NE	13	12	7			B	6?		30	5		VG			D,S	MH	Glacial quicksand	(GSC-I)
SW	15	12	7		1910	Dr	6	2590	100		100	<1			D,S	S	Pale Beds ss	45°F (GSC-I)
SW	18	12	7		1912	Dr	6	2610	163	140	162	<1			D,S	S,So	Pale Beds cl & sd	47°F (GSC-I)
SW	20	12	7		1934	B	36	2590	100	82	100	G			D,S	S	Pale Beds sd	10 br; 45°F (GSC-I)
SW	21	12	7		1933	D	48s	2600	86	74	86	G			D,S	S,So	Pale Beds blue sd	47°F (GSC-I)
NE	1	12	8		1912	Dr		2675	140		140				N	S,So	Pale Beds	Well is caved in now. (GSC-I)
SW	4	12	8		1917	D	42	2625	15	10	15	G			D,S	H	Glacial gr?	(GSC-I)
NE	4	12	8		1912	D	36	2650	16	11	13-15	G			D,S	MH	Glacial gr (coarse)	49°F; has dam for stock. (GSC-I)
NE	5	12	8		1915	D	42	2630	18	15	18	G			D	MS	Glacial sd	50°F, also has another dug well 42 ft. deep with alkaline & laxative water. (GSC-I)
SE	6	12	8		1917	Dr	10	2650	140	100	140	G			D,S	H,A	Pale Beds ss	48°F (GSC-I)
NE	7	12	8		1935	D	48	2620	20	16	20	VG			D,S	S	Glacial quicksand	46°F (GSC-I)
NW	8	12	8			D	36	2640	32	28	32	G			D,S	H	Glacial quicksand?	48°F (GSC-I)
NW	10	12	8		1915	Dr	8,6	2600	160	100	125	G			D,S, Ir	H,So	Pale Beds (quicksand)	30 br; 47°F (GSC-I)
SW	11	12	8		1916	D	96	2590	20		20	G			S	VH	Pale Beds	Also has another dug well 10 ft. deep used for domestic purposes, 55°F. (GSC-I)
SE	14	12	8		1936	D	48s	2540	18	4	18	G			S	S,So	Pale Beds ss	(GSC-I)
NW	14	12	8		1910	D	72	2550	12		12	P			D,S	S,So	Pale Beds (quicksand)	Also has a well 15 ft. deep with water level at 12 ft., 54°F. (GSC-I)
SW	15	12	8		1916	Dr	6	2625	205	60	125,205	VG			D,S,	S,So	Pale Beds	Also has a spring in the NE-16-12-8-4. (GSC-I)
SW	1	12	9		1936	B	24	2650	70	20	70	G			D,S	H	Glacial gr	46°F (GSC-I)
SW	2	12	9		1916	D	36	2675	32	29	32	G			D	H	Glacial yellow cl	46°F (GSC-I)
SW	2	12	9		1908	D	30	2675	20	17	20	G			D,S	H,A	Glacial quicksand	47°F (GSC-I)
NW	3	12	9		1934	D	48s	2700	25		13	G			D,S	H,A	Glacial dr (Pale Beds gr)	Water is laxative, bitter. (GSC-I)
SE	4	12	9		1917	D	36	2740	70	50	70	G			D,S	MH,So	Pale Beds ss?	(GSC-I)

SW	5	12	9	1910	D	36	2700	28	22	28	<1	D,S	H,I	Glacial gr	45°F (GSC-I)
SE	6	12	9		D	36	2700	50	48	50	P	D,S	S,So	Pale Beds ss	50 br; 45°F (GSC-I)
SE	6	12	9		D	48	2700	39	36	39		D,S	S,So	Pale Beds ss	39 br; 45°F (GSC-I)
SW	10	12	9		D	48s	2700	30	0	30	G	D,S	MH	Pale Beds ss	(GSC-I)
NW	12	12	9	1930	D	36s	2650	29		29	G	D,S	H,A	Glacial quicksand	46°F, water has a laxative effect. (GSC-I)
SW	13	12	9	1917	D	36	2660	36	33	36	G	D,S	H,A	Pale Beds ss	29-36 ss; 46° F (GSC-I)
NE	13	12	9	1911	Dr	6	2660	114	100	114	2.3	D,S	MS	Pale Beds	48°F (GSC-I)
NE	16	12	9	1910	D	36s	2640	42		42		D,S	H,A	Glacial blue cl	46°F, water has a laxative effect. (GSC-I)
SW	17	12	9	1910	D	36		65	50	65		S	H,Su	Glacial cl	46°F (GSC-I)
NW	17	12	9	1912	D	36	2640	60	57	60		D,S	H,I	Pale Beds ss	60 br; well is not used now. (GSC-I)
NE	18	12	9	1933	B	24	2635	60	50	60		D,S	H,Su	Glacial quicksand	46°F (GSC-I)
NE	19	12	9	1925	D	36	2640	85	81	85		D,S	S	Pale Beds ss	85 br; 46°F, also has two similar wells. (GSC-I)
SW	19	12	9	1905	D	36	2625	90		90	VG	N	H		(GSC-I)
NW	20	12	9	1926	B	24	2640	85	80	85		S	H	Pale Beds ss?	85 br; 46°F (GSC-I)
SW	21	12	9	1920	D	36x30	2625	30	22	30		D,S	H,I	Glacial quicksand	45°F (GSC-I)
SE	23	12	9	1913	Dr	6	2650	90	76	90	G	D,S	S,So	Pale Beds ss	46°F (GSC-I)
NE	24	12	9	1914	D	48	2660	85		35-65	<1	D,S	S,So	Pale Beds ss	35 br (GSC-I)
SE	26	12	9	1936	D	36s	2650	14		14	P	D,S	S	Glacial cl & sd	(GSC-I)
NE	1	12	10	1916	Dr	6	2700	160	90	160	G	S	S,So	Pale Beds ss	70 br; 45°F (GSC-I)
SW	2	12	10	1935	D	48	2525	75	64	75		S	H,A	Pale Beds	25 br; medium sized dam 200 ft. east. (GSC-I)
SW	2	12	10	1915	D	48	2625	38	16	38	G	D,S	H	Glacial gr	44°F (GSC-I)
SE	4	12	10	1934	B	24	2760	75		75	<1	S	S,So	Glacial quicksand	50 br; water has a laxative effect; also has another drilled well 106 ft. deep to quicksand (GSC-I)
NW	5	12	10	1921	D		2700	6	2	6	G	D,S	H,A,I		59°F (GSC-I)
SE	6	12	10	1917	B		2720	33	5	33	P	D	H	Glacial dr	47°F (GSC-I)
SE	9	12	10		B	24	2750	40	25	40	P	D,S	S,So	Glacial quicksand	46°F (GSC-I)
SE	10	12	10	1934	B	24	2615	96	83		G	D,S	S,So	Pale Beds ss? Sd	47°F, water has a laxative effect. (GSC-I) 60 br (GSC-I)
NW	13	12	10	1931	B	24		90							
SW	14	12	10	1930	D	36	2655	80	65	80	G	D,S	S,So	Glacial quicksand	46°F (GSC-I)
SE	14	12	10	1935	D	36		100	92		G	D,S	H,A	Glacial quicksand	47°F, water has a laxative effect. (GSC-I)
NE	14	12	10	1933	D	36	2600	40	30	40	<1	D,S	S,So	Glacial dr & cl	Water has a laxative effect. (GSC-I)
SW	20	12	10	1912	D,Dr			80	40	80		D	H	Sd	0-40 cl; well was dug 50 ft. and drilled 30 ft.
SE	24	12	10	1928	D	24		40	15	40	G	D,S	H,I	Glacial quicksand	(GSC-I)
SW	2	12	11	1912	B	30	2280	30	20	30		D	S	Glacial gr	Well is not used now, caved in. (GSC-I)
SW	28	12	12	1918	Dr	6,5c	2320	158		154		D,S	S	Sh	0-20 dry sd, 20-90 gr, 90-110 grey cl, 110-142 brown cl, 142-154 cl, 154-158 sh
SE	14	12	13	1925	D	48s	2400	12	9	12		D	S,So	Glacial sd	46°F (GSC-I)
NW	9	12	15	1920	Dr	6	2560	230	30		G	D,S	S,So,I	Belly River	45°F (GSC-I)
NW	18	12	15	1920	Dr	6	2610	290	200		G	D,S	S,So,I	Belly River	45°F (GSC-I)

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results Yield or test rate (gpm)	Drawdown or recovery (ft.)	Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
SE	2	12	17			Dr	6	2601										(GSC-I)
NE	2	12	17		1918	B	42	2615	68			P			S	H,A	Glacial cl	(GSC-I)
SW	3	12	17		1910	D	48sc		15	11		VG			D,S	S	Glacial sd	(GSC-I)
NW	4	12	17		1913	D	42sc		24	16		G			D,S	H	Glacial cl	(GSC-I)
SE	4	12	17		1909	D	48s		20	17		VG			D	S	Glacial cl	(GSC-I)
SW	5	12	17		1916	B	30		104	34		VG			D,S	H,I	Glacial cl	(GSC-I)
SW	6	12	17		1928	D	48sc		45	42		G			S	H,A	Glacial quicksand	(GSC-I)
NE	6	12	17		1911	B	36c		68	37		G			S	H,A	Glacial cl	(GSC-I)
SW	7	12	17		1923	B	30c		70	45		G			S	H,A	Glacial cl	(GSC-I)
NE	8	12	17		1918	B	36c		25	15		G			D,S	S	Glacial sd	(GSC-I)
NW	9	12	17		1928	D	48sc		12	8		VG			D,S	S	Glacial sd	(GSC-I)
NW	10	12	17		1914	D	36sc		14	10		P			D,S	H,A	Glacial sd	(GSC-I)
SW	12	12	17	Kiengle	1956	Dr	4 1/2, 2c		984			VG			D	S	Lower Milk River ss	(GSC-I)
NW	12	12	17		1910	B	30		60	35					S	H,A	Glacial cl	(GSC-I)
NW	14	12	17		1914	B	30			D								(GSC-I)
SW	14	12	17		1916	B	36c		65	25		G			S	H,A	Glacial gr	(GSC-I)
SE	14	12	17		1949	Dr		2610		F	900	7			D,S	S		Water has a salty taste.
SE	17	12	17		1932	D	48sc		34	8		G			D,S	H	Glacial sd	(GSC-I)
SE	20	12	17			D	48sc		25	15		VG			D,S	S	Glacial sd	(GSC-I)
NW	21	12	17		1910	D	48sc		20	12		P			S	H,A	Glacial cl	(GSC-I)
NW	21	12	17	Kiengle	1956	Dr	5,2c		995			VG			D,S	S	Lower Milk River ss	(GSC-I)
SE	22	12	17		1929	B	30		65			VP			N	H,A	Glacial cl	(GSC-I)
NW	22	12	17		1932	B	30		70	64		VP			D,S	H,A	Glacial sd	(GSC-I)
SW	24	12	17		1937	Dr	2c	2617	898	+40		4.5			S	S	Milk River	49°F, water is salty. (GSC-I)
SW	24	12	17		1920	Dr		2610	127	80		VG			S	H,A	Belly River	(GSC-I)
NW	24	12	17		1906	D	48sc	2612	45	43		P			D,S	H,A	Glacial dr	(GSC-I)
NW	24	12	17	Fortune	1937			2610		F	900	2			D,S	S		Water has a salty taste. (RCA-G)
NE	25	12	17		1921	D	48	2578	16	11		G			D,S	H	Glacial cl	(GSC-I)
SE	29	12	17		1916	B			60	54		P			N	H,A	Glacial cl	Water kills stock. (GSC-I)
SW	30	12	17		1912	D	48s		26	22		G			D,S	H	Glacial cl	(GSC-I)
SE	33	12	17		1937	B	24		90	88		P			S	H,A	Glacial quicksand	(GSC-I)
SE	34	12	17		1915	B	30		67	60		P			N	H,A	Glacial cl	(GSC-I)
SW	35	12	17		1912	B	30c		42	38		<1			S	H,A	Glacial cl	(GSC-I)
NW	35	12	17		1914	D	54sc	2590	22	8		G			D,S	S	Glacial sd	(GSC-I)
NW	36	12	17		1911	D	48s	2606	32	18		VG			D,S	S	Glacial sd	Well is not used now. (GSC-I)
SW	1	12	18		1936	D	72c	2838	28	27		G			D,S	H	Glacial quicksand	0-27 cl, 27-28 quicksand (GSC-I)
NE	2	12	18		1916	D	48sc		30	20		G			D,S	H,A	Glacial sd	(GSC-I)

SE	3	12	18		1917	D	48sc		16	12		G			D,S	H	Glacial sd	(GSC-I)
NE	3	12	18		1914	B	24c		50	44		G			D,S	H,A	Glacial cl	(GSC-I)
SW	4	12	18		1933	B	48sc		53	25		G			S	H,A	Glacial sd	(GSC-I)
SE	4	12	18		1930	D	48sc		19	15		P			D	S	Glacial sd	(GSC-I)
SE	5	12	18		1935	D	48sc		25	23		P			D	S	Glacial sd	(GSC-I)
NW	5	12	18		1914	D	48sc		12	8		P			D	S	Glacial sd	(GSC-I)
SE	9	12	18		1916	B	18c		16	8		<1			D	S	Glacial sd	(GSC-I)
NW	10	12	18		1920	Dr	6c		120	70		VG			S	H,A	Glacial quicksand	(GSC-I)
SW	14	12	18		1932	D	48sc		16	15		VP			D	H	Glacial cl	(GSC-I)
SE	14	12	18		1912	B	30sc		39	37		P			D,S	H	Glacial cl	(GSC-I)
SE	15	12	18		1935	D	48sc		25	24		P			D	H	Glacial cl	(GSC-I)
NE	31	12	21		1930	D	42sc	3159	33	25		VG			D,S	H	Glacial cl	(GSC-I)
16	31	12	21	Dial	1959	Dr	6,5		115	7	33-43, 70-72, 100-105	20	80 -79	15 20	D	S	Gr & sd, coal, & soft ss	0-33 cl, 33-43 gr & sd, 43-50 yellow cl & gr, 50-70 dark sh, 70-72 coal, 72-100 sh, 100-105 soft ss, 105-115 sh
SE	32	12	21			D	36c	3150	40	25		G			D,S	H,A	Glacial cl	(GSC-I) Well is dry now. (GSC-I)
SE	1	12	22		1914	B	36	3150	100	78								
NW	2	12	22		1912	Dr	6c	3284	230	170					D,S	S,So	Glacial sd	(GSC-I) .
NW	3	12	22		1914	Dr	6c	3277	100	75		VG			D,S	H,A	Glacial dr	(GSC-I)
NW	8	12	22		1924	D	42c	3271	20	18		P			S	H,A	Glacial cl	(GSC-I)
NE	9	12	22		1961	Dr		3305	230									0-5 ?, 5-30 buff surface till, 30-95 dark grey glacial lake deposit, 95-100 ?, 100-105 gr, 105-120 light buff salt & pepper ss, 120-125 black coaly sh, 125-135 coal chips, dark grey salt & pepper siltstone, 135-140 dark grey bentonitic sh, 140-195 light grey salt & pepper bentonitic siltstone, 195-230 dark grey sh (Bearpaw?) (RCA-C)
SE	10	12	22		1917	Dr	6c	3260	165	60		G			D,S	H,A	Glacial sd	(GSC-I)
NW	11	12	22		1914	Dr	6c	3249	105	60		G			D,S	H,A	Glacial cl	(GSC-I)
NE	12	12	22		1927	D	48sc	3246	20	14		G			D,S	S	Glacial cl	(GSC-I)
SW	14	12	22		1921	Dr	6c	3246	108	D							St. Mary's	(GSC-I)
SW	15	12	22		1918	Dr	6c	3285	160	60					D,S	H,I	St. Mary's	(GSC-I)
SW	17	12	22		1916	Dr	6c	3354	190	80		1.4			D,S	H,A	St. Mary's	(GSC-I)
SE	18	12	22		1908	D	60x84c	3223	20	0		G			D,S	H	St. Mary's	44°F (GSC-I)
NW	19	12	22		1917	Dr	6c	3359	107	40		G			D,S	H	St. Mary's	(GSC-I)
NE	20	12	22		1961	Dr		3379	122									0-5 buff till, 5-10 buff sh, 10-15 buff ss, 15-20 buff sh, 20-25 light grey silty bentonite, 25-35 dark grey bentonitic sh, 35-40 dark grey to brown coaly sh, 40-55 dark grey bentonitic sh, 55-60 dark brown coaly sh, 60-75 dark grey sh, 75-80 light grey bentonitic silt, 80-90 light grey salt & pepper bentonitic ss, 90-100 dark grey silty sh, 100-105 dark brown coaly sh, 105-115 dark brown bentonitic sh, 115-120 dark grey sh, 120-122 dark brown well-cemented siltstone (RCA-C)
NE	21	12	22			Dr	6c	3340	200	80		G			D,S	H	St. Mary's	Coal @ 100 ft.; also has a similar well. (GSC-I)
SE	23	12	22		1917	Dr	6c	3229	80			G			D,S		Glacial sd	(GSC-I)
SE	25	12	22		1933	D	36c	3177	41	36		VG			D,S	H	Glacial gr	41°F (GSC-I)

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Drawdown or recovery (ft.)	Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
SW	27	12	22		1918	Dr	5c	3325	100	75		VG			D,S	H	Glacial sd	42°F (GSC-I)
NW	27	12	22		1918	Dr	5 1/2c	3263	168	130		VG			D,S	S	St. Mary's	(GSC-I)
SE	31	12	22		1911	Dr	6c	3393	222	60		<1			D,S, I	S	St. Mary's	Also has another well 65 ft. deep but the water is too alkaline. (GSC-I)
NW	31	12	22		1915	Dr	6c	3277	80	6		VG			S	S,So	St. Mary's	(GSC-I)
NE	33	12	22		1961	R		3355	150									0-41.5 buff till, 41.5-61 dark brown weathered coaly sh (br elevation 3313.5), 61-110 light grey & dark brown bentonitic silty sh, 110-123 dark brown sh, 123-125 coal, 125-134 light grey bentonitic sh, 134-135 coal, 135-150 dark grey hard sh (RCA-C)
SW	16	12	18		1936	D			15	13		<1			D,S	S	Glacial cl	(GSC-I)
NW	16	12	18		1935?	D	48sc		20	18		G			D,S	S	Glacial cl	(GSC-I)
SE	17	12	18		1926	Dr	6c		212	40		VG			S	S,So	Milk River?	(GSC-I)
SW	18	12	18		1927	D	48sc		40	39		P			S	H,A	Glacial cl	(GSC-I)
NE	19	12	18		1923	D	42sc		25	23		P			D	H	Glacial cl	(GSC-I)
NE	20	12	18		1913	D	54sc		16	14		P			S	H,A	Glacial cl	(GSC-I)
NW	21	12	18		1916	B	30c		60	52					S	H,A	Glacial sd	(GSC-I)
SE	23	12	18		1930	D	42c		30	22		G			D,S	H	Glacial sd	(GSC-I)
NW	24	12	18		1915	D	48sc		25	22					D	H	Glacial sd	(GSC-I)
SE	28	12	18		1930	D	48sc		20	15		P			S	H,A	Glacial cl	(GSC-I)
SE	32	12	18		1910	D	36sc		45	38		G			S	H,A	Glacial cl	(GSC-I)
SE	34	12	18			D	42sc		17	14		G			D,S	H	Glacial cl	(GSC-I)
SW	34	12	18		1917	B	30		70	60		P			D,S	H	Glacial sd	(GSC-I)
SE	35	12	18		1914	D	48sc		32	28		G			D,S	H	Glacial sd	(GSC-I)
SW	11	12	19			D						G			D,S	S	Glacial gr	(GSC-I)
SW	12	12	19		1918	D	48sc		16	12		G			S	H,I	Glacial cl	(GSC-I)
	14	12	19		1925	D	42sc		29	26		<1			D,S	H	Glacial cl	(GSC-I)
SW	18	12	19		1907	D	48sc	2900	23	19	23	1	4		D,S	H	Quicksand & cl	0-21 cl till, 21-23 sd
SW	22	12	19		1935	S		2720	7	4		G			D,S	H	Glacial gr	(GSC-I)
NW	23	12	19		1930	D	42sc		12	9		G			S	H	Glacial cl	(GSC-I)
NW	24	12	19		1914	B	30c		70	60		G			S	H	Glacial sd	Also gets water from pond. (GSC-I)
NE	27	12	19		1914	B	30c		34	30		P			S	H,A	Glacial cl	(GSC-I)
NE	31	12	19		1920	D	48sc	2772	12	10		G			S	H	Glacial sd	(GSC-I)
SE	33	12	19		1918	B	30c		32	29		P			S	H,A	Glacial cl	(GSC-I)
NE	36	12	19		1931	D	48sc		32	31		VP				H,A	Glacial quicksand	(GSC-I)
SE	3	12	20		1908	D	42sc	2835	16	13		G			S	H	Glacial gr	(GSC-I)
NW	26	12	20		1930	D	48sc	2797	16	15		P			S	H	Glacial sd	(GSC-I)
NW	35	12	20			D	36sc	2800	18	17		P			D	H	Glacial sd	(GSC-I)
NE	36	12	20		1925	D	48sc	2774	20	10					S	H	Glacial sd	(GSC-I)

NE	4	12	21		1919	Dr	6c	2992	300	200		VG			S	H,A	Belly River	(GSC-I)
SE	6	12	21		1907	D	48sc	3117	75	69		G			D,S	H,A	Glacial cl	(GSC-I)
NW	7	12	21		1919	Dr	6c	3198	200			VG			D,S	S,So	Glacial cl	Also has another bored well 90 ft. deep, 100 yds. west of recorded well, with hard, laxative water. (GSC-I)
NE	18	12	21		1916	D	36c	3185	30	23		VG			D,S	H,I	Glacial cl	Also has an identical well 100 yds.east of recorded well. (GSC-I)
NE	19	12	21		1920	D	36c	3249	18	15					D,S	H,A	Glacial cl	(GSC-I)
SW	19	12	21		1926	B	36c	3182	80	70		VG			D,S	H,A,I	Glacial cl	Water has a laxative effect. (GSC-I)
NW	19	12	21		1917	D	36x48c	3146	12	6					D,S	S	Glacial cl & gr	(GSC-I)
NW	20	12	21		1920	D	48sc	3236	14	7		G			D,S	H,A	Recent alluvial cl	(GSC-I)
NW	29	12	21		1905	D	48sc	3169	60	55					S	H,A	Glacial cl	Water has a laxative effect. (GSC-I)
SE	30	12	21		1907	B	24	3164	72	40		G			S	H,A	Glacial cl	(GSC-I)
SW	30	12	21		1910	D	24sc	3151	7	4		G			D,S	H	Glacial gr	41°F (GSC-I)
SE	31	12	21			D	48sc	3167	55	40		VG			D,S	H,A	Glacial cl	(GSC-I)
SW	31	12	21		1932	B	30	3167	40	30		VG			D,S	H,A	Glacial sd	(GSC-I)
SW	34	12	22		1917	Dr	6c	3235	150	60		VG			D,S	H	St. Mary's?	43°F (GSC-I)
NE	35	12	22		1916	D	48sc	3191	28	20		VG			D,S	H	Glacial cl	(GSC-I)
NE	8	12	23	Dial	1959	Dr	6,5		140	2	110-120	13			S	S,Su		0-45 cl, 45-48 small gr (poor water), 48-140 blue & brownish sh
SW	13	12	23		1908	D	36sc	3138	30	24					S	H	Glacial quicksand	42°F (GSC-I)
SW	13	12	23		1906	D	42sc	3181	26	20					D	H,A	St. Mary's	41°F (GSC-I)
E1/2	16	12	23	Interprovincial	1958	Dr	6		96	32	83-90	15	0		D	MH	Ss	0-1 topsoil, 1-10 gr & boulders, 10-21 gr & sd, 21-23 gr, sd, silty, 23-31 ?, 31-44 blue sh, 44-59 grey sh, 59-63 sd & sh, 63-79 grey sh, 79-83 sandy grey sh, 83-90 grey ss, 90-96 blue sh
NW	24	12	23		1909	D	48sc	3195	15	4					D,S	H	St. Mary's	(GSC-I)
NE	26	12	23		1926	D	48sc	3176	21	7					D,S	S		(GSC-I)
NE	33	12	23		1961	Dr		3113	105									0-5 ?, 5-20 buff surface till, 20-25 ?, 25-105 dark grey glacial lake deposit, coal chips (RCA-C)
NE	35	12	23		1961	Dr		3190	120									0-5 ?, 5-20 buff sh, light grey sh, dark brown coaly sh, light grey bentonitic sh, 20-60 ?, 60-80 light grey sh, coal chips @ 65, 80-85 ?, 85-95 light grey to brown sh, 95-100 brown coaly sh, 100-105 ?, 105-110 brown coaly sh, light grey salt & pepper siltstone, 110-115 ?, 115-120 light grey siltstone (RCA-C)
15	8	12	24	Imperial Oil		Dr		3125		F								0-20 sandy cl & rocks, 20-60 ss & sh; flowing shot hole.
4	11	12	24	Imperial Oil		Dr		3131		F								0-25 sandy cl, 25-65 ss & sh; flowing shot hole.
SW	13	12	24	Dial	1954	Dr	6 1/4, 5 1/2, 4 1/4c		190		164-170	5			D,S		Gr	0-23 cl, 23-34 sandy cl (a little water), 34-70 cl with rocks, 70-164 blue cl, 164-170 gr, 170-190 sh
SE	14	12	24	Dial	1955	Dr	5 1/2, 4 1/2c		100	18	30,73	20	5	60	D,S		Cl & sh	0-50 cl, 50-100 sh
NW	19	12	24			D		3140	12	6		P			D,S	S	Glacial cl	(GSC-I)

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
15	20	12	24	Dial		Dr	6,5		195	18	165-166	4	177		D,S			0-60 sd & cl, 60-157 cl & cobbles, 157-158 sd & gr, 158-160 cl, 160-195 sh
8	22	12	24	Dial		Dr	6		155	+3	125-126 143-146	20	10 -13	5 15	D			0-124 cl, 124-126 soft ss, 126-155 soft sh with ss layers
SE	28	12	24	Dial	1963	Dr	4 1/2c		225	18	200-211	5		30	D,S			0-60 cl & rocks, 60-208 blue cl, 208-212 coarse sd & gr, 212-225 sh
4	30	12	24	Maughan	1962	Dr	6		100	30	56-73	2.5	70					0-32 yellow sandy cl, 32-50 wet sd, 50-73 ss, 73-86 sh, 86-95 soft ss, 95-100 sh
NW	32	12	24	Dial	1958	Dr	6,5		205	35	75-80	.5			S	S		0-40 cl & sd, 40-205 sh
NW	32	12	24	Dial	1958	Dr	6,5		85	30	70-75					I		0-38 cl & sd, 38-85 sh
12	2	12	25	C. Anderson	1960	Dr	6, 4 1/2c		80	30	42-44	.5		120	D			0-20 ss, 20-80 sh
4	10	12	25	Dial	1960	Dr	6		175	+2	160-172	5	40	?	D	S	Mixed cl & small gr	0-50 cl, boulders, & cobbles, 50-160 blue cl, 160-172 mixed cl & small gr, 172-175 sh
NW	13	12	25	Pregoda		Dr	6		150	16	22-24, 102-105, 130-135	4	16 -16	? 10			Blue cl, grey ss, sd & fine gr	0-22 cl & sd, 22-24 blue cl, 24-80 brown sd, 80-98 cl, 98-100 red rock, 100-102 sh, 102-105 grey ss, 105-115 cl, 115-117 red rock, 117-130 sh, 130-135 sd & fine gr, 135-150 sh
16	16	12	25	Maughan	1962	Dr	6		50	16	26	10	34					0-4 yellow cl, 4-9 gr & cl, 9-37 yellow ss, 37-50 sh
	16	12	25	Imperial Oil				3178		F								0-20 brown cl & boulders, 20-45 blue cl & boulders, 45-80 sh & hard ss; flowing shot hole
W1/2	25	12	25	Chapman	1914	Dr			222	30					D,S		Ss	0-35 sd & cl, 35-60 quicksand, 60-204 ss, 204-222 sh; water corrodes pump cylinders.
3	27	12	25	Pregoda	1962	Dr	6,5		87	37	79-84	14	4 -4	30 10				0-22 cl & sd, 22-28 bentonite, 28-52 sh, 52-54 soft grey sd, 54-64 hard grey ss, 64-68 soft ss, 68-87 hard grey ss
	31	12	25	Imperial Oil		Dr		3195		F								0-35 cl & boulders, 35-80 ss; flowing shot hole
NE	32	12	25	Dial		Dr	6,5		86	18	50-52	4	64		D	S	Soft ss	0-25 cl, 25-50 sh, 50-52 soft ss, 52-86 sh
NE	32	12	25	Dial		Dr	6,5		320	24	65-66	.5			D			0-30 cl, 30-320 blue & grey, hard & soft sh; well is abandoned.
13	36	12	25	W. Maughan	1962	Dr	6		150		101	.5						0-53 sd, 53-150 sh & ss bands
13	36	12	25	W. Maughan	1962	Dr	6		200	D	100	<1	100 0					0-36 dry sd, 36-57 wet sd, 57-96 grey ss, 96-107 sh, 107-126 grey ss, 126-133 sh, 133-140 ss, 140-200 sh
SE	10	12	26	Dial	1961	Dr	5 1/2, 4 1/2c		325	35	145-150				D,S			0-122 cl, 122-325 sh
SE	10	12	26	Dial	1961	Dr	5		150	35	135-140				D			0-80 cl, 80-82 sd, 82-127 cl, 127-150 sh
SE	22	12	26	Dial		Dr	6c		300	15	100				S			0-80 cl & a little gr, 80-300 sh (various colors); seepage at 64 ft., but this was cased off to 150 ft.
SW	22	12	26	Dial	1957	Dr	6,5		150	10	85-110	2	140			S		0-75 cl, 75-150 sh; there are five other drilled wells on this section with similar depths and yields.
13	22	12	26	Dial	1962	C	6,5		105	15	80-90	6	90			S	Ss	0-30 cl, 30-75 sh, 75-80 soft ss, 80-90 ss, 90-105 sh

	34	12	26	Imperial Oil				3282		F							0-70 cl & boulders, 70-80 gr; flowing shot hole.
	36	12	26	Kennedy	1959	Dr	5 1/2		75	15	69-71	5	8 -8	15 3	S	MH	Sd	0-60 sd, 60-67 sandy cl, 67-69 sh, 69-71 sd, 71-75 sh
NW	1	12	27			Dr			140						D,S	H		
SE	2	12	27			D			12						D,S	S		Has another well 12 ft. deep.
12	4	12	27	Dial	1959	Dr	6		85	15	79-81	10	10	60			Small gr	0-40 sd & cl, 40-79 blue cl, 79-81 small gr, 81-85 mixture of cl & gr
NE	6	12	27	Dial	1961	Dr	5		140	30	85-105	3	110 -110	60 1440	D,S			0-65 cl & sd, 65-140 sh
SW	8	12	27	Dial	1961	Dr	5		90	20	57-60	7			D,S	So		0-50 cl, 50-55 sh, 55-60 ss, 60-75 sh, 75-77 ss, 77-90 sh
16	10	12	27	Dial	1959	Dr	6,5		220	25	84-86, 190-200	30	120 -120	10 90	D	Su		0-75 cl, 75-95 soft blue ss, 95-190 sh, 190-200 ss, 200-220 sh
SW	12	12	27			Dr			302 160						D,S	H		
	12	12	27	Imperial Oil				3320		F								0-35 brown cl & boulders, 35-65 blue cl & boulders, 65-125 ss, 125-150 sh; flowing shot hole
16	19	12	27	Dial	1959	Dr	6,5		80	7	40-60	7	73					0-30 cl, 30-80 sh with ss layers
SW	24	12	27						63						D,S	H		
SE	24	12	27	Dial	1957	Dr	6 1/2, 5 1/2, 4 1/2		170	25 90	110 145-150	2 <5	125 0	120	S	MH,A	Ss	0-44 cl, 44-65 sh, 65-70 ss, 70-95 sh, 95-115 ss, 115-130 sh, 130-170 ss; water at 110 ft. is not suitable for house, water at 145 ft. is soft but insufficient.
NW	34	12	27	Dial	1957?	Dr	6,5		415	D		.5						0-30 cl, 30-150 sh, 150-415 sh & ss
12	35	12	27	McDonald	1965	R	6 1/4		120	10			60 -60	30 30	D			0-30 cl, 30-120 sh
SE	15	12	28	Betus	1953	Dr	5 1/2		107	15	105-107	4	85 -80	15 1?	D	S	Sd	0-20 gr & cl, 20-30 red cl, 30-104 blue cl, 104-107 sd
NE	11	12	29	DeForas	1961	Dr			88	40	86-88	10	25	2?	S			Bottomed in gr
SE	1	12	30	Maarion	1964	B	24	2500	42	9	40-42						Sd	0-40 brown cl, 40-42 sd
NE	12	13	1		1919	D	42sc		12	8	12	P			D,S	H,A		0-5 cl, loam, & silt, 5-12 gumbo
SW	1	13	2	Renbar	1961	Dr	5 5/8		263	143	240-263	8	9	480	D,S		Medium- to fine-grained sd	0-10 soil, 10-90 light brown cl, 90-240 blue cl with ss seams, 240-263 medium- to fine-grained sd
NW	8	13	2	Renbar	1961	Dr	5 5/8		280	95		8	12	480	D,S			0-10 topsoil, 10-85 brown cl with small boulders, 85-180 brown & grey cl with gravel stringers & silty water-bearing sd seams, 180-255 blue cl, 255-280 salt & pepper sd
SW	4	13	4			B	48sc		121		120	P			D,S	S	Hard sd & cl	
NW	29	13	4			D			85	D								66-ft. well on same location is also dry.
NE	23	13	5			D			30	D								
NW	24	13	5		1915	D	36sc		20		17						Sd	17-20 sd
	6	13	6	Big Indian	1965	R	6		27?	13		205-208	*	500	O			0-8 cl, 8-14 cl & gr, 14-22 fairly coarse gr, 22-24 sd, 24-27 cl
	6	13	6	Big Indian	1965	R	6		31?				*		O			0-6 silt, 6-11 sd & silt, 11-12 sd & rusty silt, 12-19 fine gr & sd, 19-22 pea gr, 22-23 fine gr & coarse sd, 23-24 gr (various sizes), 24-26 very coarse gr & sd, 26-29 sd & cl, 29-31 cl

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
	6	13	6	Big Indian	1965	R	6		23?				*		O			0-8 silt, 8-11 silt & pea gr, 11-15 sd, silt, & fairly coarse gr, 15-17 sd & gr (various sizes), 17-21 sd & coarse gr, 21-22 pea gr & sd, 22-23 sd
	6	13	6	Big Indian	1965	R			32?									0-11 silt, 11-23 silt & coarse gr, 23-25 coarse gr, 25-26 coarse sd & fine gr, 26-30 sandy cl, 30-32 cl
	6	13	6	Big Indian	1965	R			30?									0-15 silt, 15-18 gr & silty sd, 18-22 gr & fairly clean sd, 22-23 pea gr, 23-25 gr & sd, 25-27 sd & cl, 27-30 cl
	6	13	6	Big Indian	1965	R			14?									0-6 gr & silt, 6-8 coarse gr, 8-10 sd, fine gr, 10-12 sd, gr, & cl, 12-14 cl
NE	18	13	6			Dr	4	2640	135		132-135				D,S	H,So	Blue cl	
NE	22	13	6			Dr	6 5/8	2375	144	120	138-144	20		60	D,S		Gr	0-138 sd, cl, & gr, 138-144 gr
NE	23	13	6			S			0			118					Gr?	
SE	26	13	6					2385	47	12	12-47	140			D,S			Gr & coarse sd, with blue cl below the gr; five wells at this location yield a good water supply.
7	27	13	6	Maarion	1963	B	24	2240	30	16	16				D	H	Gr	
NE	16	13	7	Renbar	1961	Dr	5 5/8	2550	460	180	320-460	40	18	150	D,S			0-10 soil, 10-90 brown cl with small boulders, 90-320 blue cl, 320-460 coal & sd stringers from 2 in. to 3 in. thick in blue cl; well is one of few which could produce a good amount of water out of coal & sd stringers not thicker than 2 to 3 in.
SE	20	13	7	Renbar	1961	Dr		2540	460	80		16			D,S	So		
NW	20	13	7					2555	50									Surface seepage wells only, both wells dry up in the fall.
									20									
NW	21	13	7	McKinnon	1945	Dr		2540	300	50	300-301				D		Coal	
NW	22	13	7	Duby	1961	Dr		2545	400	60					D,S			Well will yield only one hour's pumping.
NE	24	13	7		1950	Dr	3	2465	330	150		>5			S			
NE	24	13	7		1954	Dr	3	2465	330	150					D			
SE	30	13	7		1910	D	48	2555	55	37		1.5			D,S			Well was originally 70 ft. deep, with a 24 in. cribbing, but was rebuilt in 1959.
NE	31	13	7	Day	1954	Dr			88	D								0-35 sandy, 35-59 sandy sh, 59-60 rock, 60-75 blue cl, 75-85 sh & blue cl, 85-88 rock
NE	31	13	7	Day	1957	Dr	4c		88	D								0-35 sandy, 35-60 sandy sh, 60-75 blue cl, 75-80 sh & blue cl, 80-85 blue cl, 85-88 rock
NE	31	13	7	Day	1957	Dr	4c	2590	156		134-145	6						0-18 soil & sd, 18-50 sd & blue cl, 50-64 sh, 64-105 blue cl & gr, 105-134 blue cl & sd, 134-145 sd, 145-156 blue cl
NW	34	13	7			D	48sc		65		30,60				D,S			60-65 cl
SE	36	13	7			Dr		2470	160		80-85							Well sanded up from 140 ft. to 160 ft.; gas company claims good aquifer @ 280 ft.
1	2	13	8	Renbar	1962	Dr	6	2545	450	350		5			D,S		Ss	
NE	10	13	8	Campelline	1951	Dr		2620	200	110	150				D,S		Sd	
NE	23	13	8		1961	B	24	2560	50			G			S			

16	24	13	8			?		2565	65						S			Water is laxative and is not used now; gas company claims other aquifers @ 410 ft. and 500 ft.
16	24	13	8			D		2565	30									This is a dugout that is 100 ft. wide, 30 ft. deep, and the water level varies from 10 ft. to 20 ft.
8	25	13	10		1910	D	48sc	2515	22	6		3	18	60			Sd	Well was better at one time.
NE	8	13	11	Anderburg & Sons	1962	Dr	4 1/2	2490	160						S			0-50 brown cl, 50-140 blue cl & boulders, 140-150 chocolate brown cl, 150-160 sh with coal
NE	14	13	11	Anderburg & Sons	1962	Dr	4 1/2	2500	132						S			0-35 brown cl, 35-110 blue cl, 110-112 gr, 112-114 cl, 114-132 gr
NE	14	13	11	Anderburg & Sons	1962	Dr	4 1/2	2490	127	113	120-127	.75		1440	S	A		0-35 brown cl, 35-110 blue cl, 110-116 blue cl & gr, 116-127 gr
SW	17	13	11	Anderburg & Sons	1962	Dr	4 1/2	2505	160									0-35 brown cl, 35-110 blue cl, 110-116 blue cl & gr, 116-160 blue cl; well was bailed dry.
SE	17	13	11	Anderburg & Sons	1962	Dr	4 1/2	2485	100									0-15 sandy brown cl, 15-45 brown cl, 45-95 blue cl, 95-100 sh; well was bailed dry.
SW	22	13	11			Dr	4 1/2	2475										0-37 brown cl, 37-105 blue cl, 105-115 sh; well was bailed dry.
NE	28	13	11	Anderburg & Sons	1962	Dr	4 1/2	2465	146	99	134-146	10	28 -28	20 6	S	S		0-40 sandy brown cl, 40-80 blue cl, 80-95 dry sd, 95-134 murky blue cl, 134-146 saturated sd
SE	35	13	11	Anderburg & Sons	1962	Dr	4 1/2	2475	146	100	100-146	10 -20 16 -27	20 10 27 10	1440 10 240 10	S	I		0-40 sandy brown cl, 40-70 ?, 70-135 gr, 135-146 sd & gr
SE	7	13	12		1918	Dr	6,5c	2325	170		162				D,S	S		0-87 sd & gr, 87-127 grey cl, 127-157 brown cl, 157-165 grey cl, 165-170 brown cl
S1/2	8	13	12		1917	Dr	5 5/8, 5c	2360	98	62	95				D	H		0-90 sd & quicksand, 90-93 sh rock, 93-98 gr & sd
SW	23	13	12		1918	Dr	5c	2480	306									0-136 cl, 136-291 quicksand, 291-306 ss
SE	14	13	16	United States Bureau of Reclamation		Dr		2524	75									0-7.4 fine sandy, dark grey-brown loam, 7.4-11 silty grey-brown cl loam, 11-28 dark grey-brown cl loam till, 28-35.6 cl loam till, 35.6-51 very dark grey-brown heavy cl loam till, fine gr, & coal pebbles, 51-52.6 sandy cl loam, fine gr, 52.6-61.8 dark grey-brown cl loam till, fine gr, 61.8-63.2 grey-brown sandy loam, 63.2-65.3 loamy sd to sd grey loam, 65.3-67.2 grey-brown sandy loam, 67.2-69.4 sd, loamy sd to grey-brown sd, 69.4-71.3 dark grey-brown silty cl, 71.3-75 olive-grey shaly cl (RCA-G)
NW	2	13	17			Dr				47	92							(RCA-G)
	10	13	17	Medhurst	1949	Dr		2555		F	990	1.5						(RCA-G)
3	34	13	17	Dial	1963	C	6,5		175	35	150-160	3			I	MH	Soft ss	0-35 cl, 35-100 sh, 100-103 brown sh, 103-105 hard sh, 105-150 sh, little ss, 150-160 soft ss, 160-163 hard ss, 163-175 sh
14	30	13	19	J. Maughan	1965	C	6		142	48,30	106-110, 128-132	3.5	112	60	S	S	Sd, coal	0-106 dr, 106-110 sd, 110-116 blue cl, 116-128 chocolate sh, 128-132 coal, 132-142 chocolate sh; on first pump test the amount of drawdown was unknown because the sd heaved and shut off the water.

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Drawdown or recovery (ft.)	Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
SE	1	13	22			Dr		3204	160	4		P				H,A		41°F, well is not used now. (GSC-I)
SE	1	13	22			Dr		3284	43	38					D,S		Glacial gr	(GSC-I)
SE	6	13	22			Dr		3392	144	80					S		Edmonton	(GSC-I)
SW	6	13	22			Dr		3319	90	40		<1			S	S,A	Edmonton	Water is laxative; also has another well 40 ft. deep. (GSC-I)
NE	19	13	22		1961	R		3272	105									0-15 buff salt & pepper siltstone, 15-35 brown sh, 35-39 brown coaly sh, 39-73 light grey to brown bentonitic sh, 73-74 coal, 74-94 light to dark grey bentonitic sh, 94-94.5 coal, 94.5-99 light grey salt & pepper bentonitic siltstone, 99-105 light grey sh (RCA-C)
NE	21	13	22		1961	Dr		3327	132.5									0-10 buff surface till, 10-32 buff sh, 32-37 light grey salt & pepper bentonitic well cemented ss, 37-47 light grey to green very bentonitic sh, 47-52 light grey salt & pepper bentonitic siltstone, 52-56 light grey bentonitic sh, 56-61.5 light grey salt & pepper well cemented siltstone, 61.5-62.5 coal, 62.5-77 dark grey sh, 77-82 light grey salt & pepper bentonitic ss, 82-85 black sh, 85-87 light grey salt & pepper bentonitic ss, 87-91.5 black sh, 91.5-94.5 light grey salt & pepper siltstone, 94.5-112 black to dark brown coaly sh, 112-122 dark grey shaly siltstone, 122-131.5 light brown bentonitic sh, 131.5-132.5 coal, 132.5 light brown bentonitic sh
NE	23	13	22		1961	Dr		3172	150									0-35 buff surface till, 35-77 light brown sh with coal stringers, 77-85 light grey salt & pepper siltstone, 85-89 light brown sh, 89-90 coal, 90-102 light brown sh, 102-137 light grey salt & pepper silt, 137-138 coal, 138-142 sh, 142-147 weathered coal & sh, 147-150 sh (RCA-C)
SE	28	13	22	Dial	1954	Dr			150	55	83, 123-144	2.5	95					0-80 hard brown cl & gr, 80-150 grey & brown sh in shelves 5-10 ft. wide
SW	1	13	23			Dr		3207	73	20					D	H		(GSC-I)
NE	1	13	23			Dr?			187			VG				H,A		Has two other wells, one is 176 ft. deep with a limited supply and the other is 40 ft. deep with an unlimited supply. (GSC-I)
4	14	13	23	Dial	1960	Dr	6,5		153		90-92, 105-110	2			D	S		0-55 cl, 55-60 sd, 60-85 soft blue sh, 85-112 hard & soft ss, 112-135 sh, 135-140 ss, 140-153 sh
SW	32	13	23			Dr	7,6		210	F	200-202, 204-210	50-60			P	S	Gr, sd & gr	0-30 cl, 30-60 bluish cl with gr mixture, 60-200 blue cl, 200-202 gr, 202-204 cl, 204-210 sd & gr; water from gr (200-202 ft.) rose to 20 to 30 ft. from surface. Water from sd & gr (204-210 ft.) flowed heavily. Well was cased to bottom and water flowed clear.

SW	32	13	23	Dial	1958	Dr	6		75	10	47-52	10		30		MH	Coarse sd	0-5 cl, 5-10 cl & boulders, 10-47 cl, 47-52 coarse sd, 52-75 blue cl
	32	13	23	Dial	1963	C	9,6		220	F	202-205	40	7 -7	30 1.5	P	S, So, A	Gr	0-30 brown cl, 30-202 blue cl, 202-205 gr, 205-214 gr & a little cl, 214-220 sh; water flows at 12 gpm.
5	32	13	23	Dial	1963	C	6,5		230	F	196-198	40	8 -8	30 1.5	P	S, So, A	Small gr	0-35 brown cl, 35-196 blue cl, 196-198 small gr, 198-207 gr with cl, 207-230 sh; water flows at 15 gpm.
NE	36	13	23			R		3091	105									0-45 buff surface till, 45-69 dark grey glacial lake deposit, 69-72 brown coaly sh, 72-73 coal, 73-90 light grey bentonitic sh, 90-105 light grey salt & pepper ss (RCA-C)
NW	21	13	24	Dial		Dr	5 1/2, 4 1/2c		310	70	70-100 300-310	20	5	30	D	S, A		0-70 cl, 70-72 blue sd & gr, 72-100 cl & sd, 100-101 small gr, 101-145 cl & sd, 145-300 cl, 300-302 coarse sd, 302-305 cl, 305-310 hard packed & gr sh @ bottom; water at 70-100 ft., rose to 45 ft. and water at 300-310 ft. rose to 70 ft.
8	32	13	24	Dial	1960	Dr	6,5		165	45	95-100, 135-140	10	35	60	D	S		0-55 cl, 55-60 sd, 60-80 blue cl, 80-90 soft sh, 90-135 soft blue ss, 135-165 blue grey sh
NW	32	13	24	Dial	1957	Dr	6,5		150	65	140-142	8	85		D,S	S		0-30 cl, 30-75 blue cl, 75-80 blue sd, 80-90 blue cl, 90-150 sh with hard streaks
4	6	13	25	Dial	1963	C	6,5		200	15	75-80	1			D,S	S		0-20 cl, 20-35 ss, 35-65 sh, 65-100 ss, some sh, 100-200 sh
13	7	13	25	Pregoda	1959	Dr	6		135	4	22, 65-67	1.5	131	30	D	S		0-22 brown sd, 22-52 sh, 52-72 ss, 72-80 sh, 80-82 bentonite, 82-93 layers of ss & sh, 93-110 ss, 110-135 varying layers of sh & ss
NE	7	13	25	Dial	1958	Dr	6,5		100	10-75	75-90	14	85 -80	30 10	S	S, A	Sh & ss	0-25 cl, 25-75 sh, 75-90 sh & ss, 90-100 sh
SW	8	13	25	Dial		Dr	5 1/2, 4 1/2c		234	F	226-230	30	15-20 -15-20	30 5	D,S	S		0-25 cl, 25-40 sh, 40-50 ss, 50-220 sh, 220-230 light brown sh, 230-234 sh
SW	17	13	25			Dr	6,5		150	6	50-55, 140	1	144		D	S		0-30 cl, 30-45 sh, 45-55 ss, 55-150 sh with 2-3 ft. ss streaks; water at 50-55 ft. rose to 12 ft. and was hard and alkaline.
NE	22	13	25	W. Maughan	1964	Dr	6		195	32	186-195	10	7	180?	D	MH	Sd	0-18 sd, 18-40 dry gr, 40-42 wet sd, 42-67 cl, gr, 67-111 cl, 111-112 wet silt, 112-186 cl, 186-195 sd
15	23	13	25	W. Maughan	1964	Dr	6		248	45	246-248	10	25	15	D	H	Gr	0-32 sd, 32-68 sandy cl, 68-79 cl & gr, 79-246 sandy cl, 246-248 gr
NW	30	13	25	Dial	1955	Dr	5 3/8, 4 1/2c		195		175-185	6			D,S			0-30 cl, 30-110 sandy cl, 110-150 solid dark brown cl, 150-155 coarse sd & gr, 155-195 sh
SW	9	13	26	Pregoda	1959	C	6		113	30	73-75, 97-99	10		45	D,S		Rock, grey ss	0-12 cl, 12-14 gr, 14-47 cl & sh, 47-50 grey ss, 50-73 sh, 73-75 rock, 75-83 sh, 83-89 ss, 89-97 blue sh, 97-99 grey ss, 99-113 ss
SW	14	13	26	Dial		Dr	6,5		119	40	95-100	2.5	119	60	D,S	S		0-10 cl, 10-70 sh, 70-115 sh with 2 ft. of rock & ss
SW	14	13	26	Dial	1955	Dr	4c		200	22	100	2						0-10 cl & gr, 10-70 sh, 70-125 sh with rock layers, 125-200 sh
NW	22	13	26	Pregoda	1961	Dr	6		245	11	63-68, 235-236	4	20 -20	300 720				0-22 cl & sd, 22-60 sh, 60-63 ss, 63-83 sh, 83-96 ss, 96-98 sh, 98-104 ss, 104-139 sh, 139-152 ss, 152-165 sh, 165-170 ss, 170-193 sh, 193-244 ss

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
	33	13	26	Imperial Oil				3202		F								0-15 brown cl & boulders, 15-40 black cl & boulders, 40-60 sd & gr, 60-80 hard ss; flowing shot hole.
NW	36	13	26	Betus	1962	Dr	6		217	27	24-27, 90-93	3	3.5 -3.5	1 1	D,S	S	Cl, quicksand	0-10 sd, 10-24 gr, 24-27 cl, 27-36 coarse gr, 36-90 brown cl, 90-93 quicksand, 93-98 blue cl, 98-100 sd, 100-109 blue cl, 109-112 sd, 112-120 blue cl, 120-125 sd, 125-172 blue cl, 172-175 ss, 175-204 blue cl, 204-209 sh, 209-217 blue cl
3	13	13	27	Pregoda	1959	Dr	6		85	9	52-55	4			D			0-10 sd, 10-20 grey ss, 20-22 cl & coal, 22-24 bentonite, 24-41 cl, 41-68 ss, 68-79 sh, 79-81 ss, 81-85 blue sh
SW	24	13	27	Pregoda	1962	Dr	5 3/8		132	12	50-60	1.5			D	S		0-21 cl & brown sd, 21-24 brown ss, 24-40 grey sd in layers of sh, 40-42 grey ss, 42-65 sh & sd layers, 65-86 ss, 86-96 sh, 96-110 grey ss, 110-112 sh, 112-115 ss, 115-132 sh & layers of grey sd
SW	24	13	27	Pregoda	1962	Dr	6		192	12	12-16, 50-60	1.5			D?			0-14 cl & sd, 14-18 brown ss, 18-30 cl, 30-38 grey ss, 38-56 blue sh, 56-78 grey ss, 78-88 brown cl, 88-96 sh, 96-108 grey ss, 108-122 sh, 122-156 ss, 156-158 sh, 158-188 ss & small layers of soft grey sd, 188-192 sh
NW	25	13	27			Dr			125						D,S	H		
NE	26	13	27			Dr			100	F					D,S	H		Well has a strong flow.
	28	13	27	Pregoda	1958	Dr	6		175	15	40-50	1	160	30	D	MH		0-35 cl & sd, 35-50 ss, 50-55 sh, 55-96 soft sh layers, 96-98 almost pure bentonite, 98-100 ss, 100-126 sh, 126-130 bentonite, 130-158 sh, 158-167 layers of sh & ss, 167-175 sh
NE	30	13	27			Dr	6c		220	20	34	1.5	200		D	MH		0-34 sd cl, 34-58 blue cl, 58-60 hard cl, 60-117 sh, 117-138 grey ss, 138-157 ss & sh, 157-158 bentonite, 158-176 ss, 176-178 bentonite, 178-220 grey ss & sh
NW	35	13	27	Reford	1925	Dr			152	F					P*			0-142 cl, 142-150 soft loose sd, 150-152 gr; total solids 683.1, calcium carbonate 89.9, magnesium carbonate 27.6, sodium carbonate 366.6, sodium sulfate 137.8, sodium chloride 27.6, organic matter 14.4, total hardness 122.2, carbonate hardness 122.2, non-carbonate hardness nil
SW	36	13	27						100	F								
	4	13	28	Betus	1962	Dr	6		81		39-43	12			S	MH	Ss	0-20 cl, 20-24 brown sh rock, 24-26 blue cl, 26-28 sh rock, 28-30 blue cl, 30-31 grey ss, 31-39 blue cl, 39-43 ss, 43-75 blue cl, 75-79 sh rock, 79-81 blue cl

	4	13	28	Betus	1962	Dr	6		122	63	63-68	6			D	H	Grey ss	0-20 brown cl, 20-24 brown ss, 24-27 blue cl, 27-28 grey ss, 28-65 blue cl, 65-68 grey ss, 68-75 red cl, 75-85 blue cl, 85-86 grey ss, 86-122 blue cl
2	13	13	28	Pregoda	1959	Dr	6		26	18	18-19	3						0-17 sd, 17-18 gr, 18-19 ?, 19-25 grey ss
NE	26	13	29	Pregoda	1962	Dr	6		50	14	31-33				D		Brown sd	0-30 cl, 30-33 brown sd, 32-52 cl; has another well 4 ft. east with log reading: 0-30 cl, 30-33 brown sd, 33-102 cl, 102-104 brown sd, 104-108 small gr & coarse sd (water at 106-108 in varying amount), 108-186 cl & bits of grey sd, 186-220 brown cl, 220-223 soft sd & lots of water.
SW	35	14	2	Renbar	1961	Dr	5 5/8		312	180	280-312	10	3	480	D,S		Medium sd	0-10 soil, 10-180 sandy brown cl mixed with small boulders & small yellow to reddish colored sd stringers, 180-280 blue cl with small hardpans, 280-312 medium sd
SE	2	14	6			S		2300							S			Shallow well dug on site of springs.
NW	2	14	6			D		2365	30	29		G			D,S			0-30 gr; level dropped as a result of seismic shooting?
SW	5	14	6	Renbar	1963	Dr	4 1/2	2485	200	140	100,180	>4			D,S	VH,A		Total solids 1756, ignition loss 344, hardness 615, sulfates 486, chlorides 12, alkalinity 790, nitrites 0, nitrates 0, iron 0, fluorides 0
	6	14	6			D	48sc		120		100-120							
SW	6	14	6			Dr		2515	195	140					S			
SW	6	14	6		1935	B		2515	130									
	11	14	6															Lessee of land has drilled many shallow wells without success.
NW	12	14	6		1962				14			10						Well is plugged with fine sd.
SE	13	14	6			S												Springs in coulee run all year.
SE	14	14	6			D	48	2340	22	15					D,S		Sd	
SW	14	14	6		1912	D	48	2350	22	15					D,S	S		
NW	14	14	6			D	48	2345		16-20					D,S	A	Gr	
SW	18	14	6		1910	D	48	2445	50	30					D,S	H	Gr?	
SW	18	14	6		1910	D		2445	108	58					D	S		
NW	19	14	6															Seismic shot hole that contained water but no longer exists.
13	20	14?	6	Maarion	1963	B	30	2400	30	6	20	VG			D	MH	Sandy cl	
NE	35	14	6	Renbar	1964	Dr		2320	185			8			D,S			
NE	35	14	6			D	48	2320	14						N			
SE	36	14	6			S		2300										
SE	3	14	7			D	48sc		90		50,80				D,S	H		80-90 cl
NE	4	14	7		1950	D	48	2565	21	17					D,S	MH	Fine sd	
NW	4	14	7			D	48sc		16		12				D,S	H		12-16 sd
SE	7	14	7	Renbar	1963	Dr	6 1/4	2580	493	45	45-65, 460-472	4, 12	65, 65	480			Sd	0-20 cl, 20-69 hard cl & ss, 69-71 fine sd, 71-110 blue cl, 110-135 ss, 135-140 soapstone & brown cl, 140-142 ss, 142-200 blue cl & ss stringers, 200-240 sh, 240-310 sh & coal stringers, 310-460 sh & ss, 460-472 sd, 472-493 sh
NW	10	14	7					2575								H		Water infiltrates from nearby dam. Water level drops when dam is dry.

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results Yield or test rate (gpm)	Drawdown or recovery (ft.)	Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
SE	10	14	7			D	48sc		120		40				D	H		40-120 sd
W1/2	10	14	7		1913	D	40c		40							H		5-40 blue cl; water is seepage from slough.
NE	14	14	7					2475										Has two wells which are pumped into a dugout.
SE	18	14	7		1950	Dr		2605	1000		378				D,S			Well has a poor aquifer and is not used now; it is plugged up.
SE	18	14	7			Dr		2605	91			<1			D,S	H		Well is plugged now.
SE	18	14	7			Dr		2605	1050	D								Hit Medicine Hat sd. Well is used for gas well.
SE	18	14	7			Dr		2605	120						S		Fine sd	Well is not used now because sd ruined pumps.
SE	18	14	7							D								
SE	18	14	7			B	24	2605	108	75								Well filled up to 80 ft. in quicksand in two weeks.
SE	18	14	7			B	24	2605	108	75								Installed sd point - plugged with quicksand.
NW	20	14	7		1959			2510	60			<1			D,S	MH	Three sd zones	
NW	32	14	7			Dr	4		26			4						Well is in a coulee and has a 4 ft. sd point driven into soft sd.
SW	12	14	8			Dr		2600	70			VG			S	H		
11	24	14	8			B	36	2605	80	50					D,S			
1	36	14	8			B	24	2425	42	16					D,S			Sd has filled in to 32 ft.
1	36	14	8			B	24	2425	24	22					D,S			
	35	14	9		1960				60			G						
NW	7	14	10			D			18	9(14)	9	P			D	H		0-9 light cl, 9-18 gr
SE	16	14	15	United States Bureau of Reclamation		Dr		2504	95									0-.8 very dark grey brown silty cl loam, .8-2.2 grey brown silty cl loam, 2.2-4.4 grey brown light cl, 4.4-11.5 grey brown light cl till, 11.5-18.9 light cl till, 18.9-19.3 grey brown silt loam, 19.3-31 dark grey brown light cl to cl loam, coal, fine gr, & gypsum crystals, 31-40 very dark grey brown light cl, fine gr, & gypsum crystals, 40-55 dark grey cl loam till, gypsum crystals, & fine gr, 55-80 heavy cl loam to light cl, 80-90 core missing, 90-95 grey brown silt loam
SE	2	14	16		1949	Dr		2575		F	1000	6-7			P,S	S		
NW	10	14	16	Morrison	1920	Dr		2525	867	F	867							Bottomed in rock.
SE	10	14	16	United States Bureau of Reclamation		Dr		2516	65									0-1.5 very dark grey brown loam, 1.5-4.8 very dark grey brown silt loam, 4.8-6.5 grey brown silty cl, 6.5-8.7 dark grey brown silt loam, 8.7-13.8 dark grey brown cl loam till, scattered fine gr & coal, 13.8-14.2 grey brown fine sandy loam, 14.2-22.9 cl loam till, 22.9-23.3 grey brown fine sandy loam, 23.3-28.1 dark grey brown cl loam till, scattered fine gr, & coal, 28.1-30 grey brown silt loam, 30-35 very dark brown sandy loam to loamy sd, 35-36.1 very dark grey sandy cl loam, 36.1-39.3 dark grey brown sandy loam to loamy sd, 39.3-40 brown loamy sd, 40-41 dark brown coarse sandy cl loam, 41-42.8 grey brown sandy loam to loamy sd, 42.8-44 very dark grey brown light cl loam, 44-45.5 dark grey brown silt loam, 45.5-49 dark grey heavy silt loam, 49-56.1 very dark grey brown cl loam till & scattered fine gr, 56.1-58.9 dark grey sandy loam, 58.9-60 light grey brown silty medium cl, 60-65 light yellow brown loose fine sandy loam

NW	10	14	16		1920	Dr			150			<1						Water is salty and acts as a severe purgative.
NW	17	14	16			Dr			200			P						Well is abandoned now.
14	18	14	19	Dial	1959?	C	6		210	60	144-146, 199-200	2.5, 4-4.5			D,S			0-30 cl, 30-80 sd & cl, 80-125 blue cl, 125-145 dark sh, 145-146 ss, 146-199 dark sh, 199-200 coal, 200-210 sh
NW	16	14	21	Thompson	1960	Dr			130	18	68-75	3	60 -60	30 60	D			0-55 brown cl, 55-68 blue cl, 68-90 hard sd, 90-130 blue cl
NE	17	14	22	Dial		Dr	6,5		135	35	120-125	20	110	30	S	MH	Ss	0-95 cl & sd, 95-120 sh, 120-125 ss, 125-135 sh
NE	22	14	22		1961	R		3112	120									5-35 surface till, 35-45 buff silty cl, 45-50 light grey silty cl, 50-60 light grey salt & pepper siltstone, 60-65 dark brown silty shale, 65-70 dark grey salt & pepper siltstone, 70-80 no sample - lost circulation, 80-85 dark grey siltstone, 85-90 dark brown sh with 3 ft. of coal, 90-95 light grey salt & pepper siltstone, 95-105 dark brown silty sh, 105-120 no sample - lost circulation (RCA-C)
NE	24	14	22		1961	R		3110	150									0-45 buff surface till, 45-110 dark grey glacial lake deposit, 110-112 dark grey silty sh, 112-115 coal, 115-126 light grey silty sh, 126-132 light grey salt & pepper bentonitic siltstone, 132-138 light grey bentonitic sh, 138-139.5 coal, 139.5-150 brown silty coaly sh with thin coal stringers (RCA-C)
NW	1	14	23	Dial	1961	Dr	5		115	40	110-115	20	10 -10	60 5	S	S	Ss	0-90 cl, 90-100 sh, 100-110 sh & ss, 110-115 ss
4	12	14	23	C. Anderson	1964	Dr			100	35	90-91	3		240				0-25 cl & boulders, 25-40 ss, 40-100 sh
3	31	14	23	C. Anderson	1956	Dr			140			7					Cl	
NE	33	14	23		1961	R		3077	105									0-40 surface till, 40-48 brown coaly sh, 48-54 grey siltstone, 54-66.5 light grey bentonitic sh, 66.5-68 shaley coal, 68-105 light grey to brown sh (RCA-C)
4	36	14	23	C. Anderson	1965	C	5 1/2, 4 1/2c		125	85	120	10		240	D	S		0-70 cl & sd, 70-80 ss, 80-125 sh
NW	29	14	24	C. Anderson		Dr			120	15							Sd	
NW	29	14	24	C. Anderson		Dr	6 3/4, 4 3/4		139	30		G			D	H		0-40 cl, 40-139 sh
NW	32	14	24			Dr			140	100		7						
NE	32	14	24			Dr			160						D,S	H		
NE	33	14	24			Dr			210						D,S	H		
NW	34	14	24			Dr			350						D,S	H		
NE	9	14	25	Pregoda	1959	Dr	6		120	D								0-25 brown sd, 25-43 grey ss, 43-70 sh, 70-120 sd & 6 in. layers of sh; has another drilled well 5 1/2 ft. away with little water.
SW	10	14	25	Pregoda	1959	Dr	5c		140	10	15-18, 56-60	<1	130		D	MH		
SW	10	14	25	Pregoda	1959	Dr	6		220	10	18-20 60-61	<1	210 -210		D	MH		0-16 sd, 16-20 cl, 20-35 blue cl, 35-40 grey ss, 40-60 sh, 60-100 layers of ss & sh, 100-220 sh

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Yield or test rate (gpm)	Test results Drawdown or recovery (ft.)	Test results Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
SW	15	14	25	Pregoda	1958	Dr	6		185	15	30-32	<1	170	30	D			0-20 sd, cl & gr, 20-30 ss, 30-32 ?, 32-45 blue cl, 45-65 very hard rock, 65-125 layers of sh & ss, 125-130 hard stone, 130-180 varying layers of about 3 ft. of sh & ss, 180-185 green sh
SE	18	14	25	DeForas	1959	Dr	5 3/8		154	24	136-154	12	100	60	D,S	S		132 br, bottomed in ss
NW	24	14	25	C. Anderson	1956	Dr			124			3						0-7 ?, 7-124 ss
SW	26	14	25	C. Anderson	1962	Dr	5		60	17	56-57	10		60	D			0-10 cl, 10-45 ss, 45-60 sh
16	31	14	25	C. Anderson	1962	Dr	5 1/2		110	40	68-70	1		3	D	S		0-20 cl, 20-30 cl & boulders, 30-35 sd & gr, 55-110 sh
NE	32	14	25			D			20						D,S	S		
SW	32	14	25	McNivon Bros.		Dr	6		26	10	24-25	20	6	60		H		0-1 topsoil, 1-8 cl, 8-26 ss
													6	5				
NW	33	14	25			Dr			38						D,S	S		
13	34	14	25	Pregoda	1960	Dr	5		65	42	52-54	4			D		Sd	0-34 cl, 34-35 brown ss, 35-55 brown sd
NE	36	14	25			D			15						D,S	S		
NE	36	14	25	C. Anderson	1962	Dr	5 1/2c		150		90-100				D			0-8 cl, 8-80 ss, 80-150 sh
NE	36	14	25	C. Anderson	1961	Dr			220	D								0-8 cl, 8-130 ss, 130-220 sh
NE	8	14	26			Dr			97						D,S	H		
8	10	14	26	Pregoda	1960	Dr	6 5/8		70	9	68	12	0	1200	D	S	Grey ss	0-14 sd, 14-16 bentonite, 16-48 sh, 48-52 grey ss, 52-63 sh, 63-68 grey ss, 68-70 grey ss
SW	15	14	26			Dr			210						D,S	H		
SE	16	14	26			D			16		12				D,S	H		
NE	30	14	26	Pregoda	1958	Dr	6		100	24	90	16	0				Ss	0-40 cl & sd, 40-50 sh, 50-60 grey ss (some alkaline water), 60-76 sh, 76-88 grey stone & sh, 88-99ss, 99-100 sh
13	3	14	27	Pregoda	1960	Dr	6		76	27	62-63	3			D		Ss	0-48 cl & sd, 48-58 soft blue cl, 58-75 grey ss, 75-100 sh
SE	7	14	27	Pregoda	1958	Dr	6		135	40	120	3	95	30	D	S		0-35 brown sd, 35-36 sh, 36-106 cl & sd, 106-112 grey ss, 112-120 layers of ss & cl, 120-135 grey ss & sh
NE	12	14	27						80						D,S	H		
NE	17	14	27	Hadland	1964	C	5 1/2		120	80	110-112	5.5		30	S	S		0-37 soft yellow cl with rock, 37-39 gr pocket (water), 39-95 soft silty blue cl, 95-120 ss with layers of blue sh
4	22	14	27	McDonald	1965	R	5		22	6	10-20	10	9	10	S			0-8 cl, 8-20 sd & gr, 20-22 cl
													-9	10				
	28	14	27	Hadland	1964	C	5 1/2		150	39	120-125	1.75	102	2760	S	S		0-35 yellow cl & rocks, 35-87 soft silty blue sh, 87-121 blue sh, 121-150 hard grey ss with soft layers
NW	7	14	28	Pregoda	1961	Dr	6		116	F		80						0-18 cl & sd, 18-26 silt, 26-28 ss, 28-44 gr & sh, 44-45 ss, 45-88 silt, 88-98 ss, 98-116 silt

	7	14	28						F					I			0-25 brown cl & boulders, 25-125 blue cl & boulders, 125-140 sh & ss; flowing shot hole.
	11	14	28						F					I			0-25 cl & gr, 25-95 blue cl & boulders, 95-120 sh; flowing shot hole.
NE	13	14	28	Pregoda	1957	Dr	6c	200	40	150	3				S		0-55 brown sd, 55-155 cl & sd, 155-160 grey ss, 160-162 bentonite, 162-185 ss, 185-200 sd & sh
SW	19	14	28	Pregoda	1961	Dr	6	35	23	30				D			0-24 cl, 24-35 ss
SW	24	14	28	Pregoda		Dr	6	60	18	52-54	10			D			0-16 cl, 16-26 sd, 26-28 gr, 28-52 sd & cl, 52-60 ss
NW	24	14	28	Pregoda	1962	Dr	6	74	F	52-54, 70-72							0-16 cl, 16-26 brown sd, 28-52 sd & cl, 52-60 brown ss, 60-68 sh, 68-74 grey ss
11	32	14	28	Dial	1962	C	7,6	250	30	52-54	1.33	220	360	I	S		0-14 ss, 14-20 cl, 20-30 sh, 30-50 sh & ss, 50-55 ss, 55-110 sh & some ss, 110-115 ss (little water), 115-250 hard sh, ss
11	32	14	28	Dial	1962	C	7,6	350	25	47-48	1	325		I	S		0-4 cl, 4-6 ss, 6-15 hard cl, 15-18 ss, 18-30 sh, 30-35 ss, 35-43 sh, 43-48 ss, 48-140 sh & ss, 140-200 soft & hard sh, 200-250 hard sh & fine ss, 250-280 sh, 280-285 fine ss, 285-350 hard sh
NW	7	14	29	Star	1954	Dr	7,4c	175	5		40	5	60	D,S			0-5 boulders, 5-15 cl & gr, 15-72 soft sandy blue cl, 72-77 hard ledge, 77-165 soft sandy blue cl, 165-167 soft ss, 167-175 hard ss
	23	14	29						F								0-40 cl & boulders, 40-75 cl, boulders, & gr, 75-120 sh & ss ledges; flowing shot hole.
SE	25	14	29	Pregoda	1962	Dr	6	93	27	90-92	6		30				0-35 cl & brown sd, 35-84 small gr & quicksand, 84-93 hard rock & sd seams
SW	25	14	29			Dr		180	F					D,S, Ir	S		Apparent direction of underflow is east. Water flows into Nanton Creek in the Little Bow River drainage basin.
NW	20	15	2		1914	B	36sc	42		39				D,S	S		
SW	3	15	4	Renbar	1960	Dr	5 5/8	540	200	105-225, 480-538	25	10	1200	D,S		Cl & glacial dr, coarse sd	0-15 soil, 15-105 brown cl & boulders, 105-225 light brown cl & stringers from silt glacial dr, 225-480 blue cl, 480-538 very coarse dark grey sd, 538-540 sh
NW	9	15	4		1912	D	42sc	75	71	75	VG			D,S	H	Gr	75 gr
SW	14	15	4		1911	B	24c?	173	D								Blue cl in bottom of hole; another well in same quarter is 120 ft. deep and also dry.
NE	16	15	4			B	24c?	125	100	125	VG			D,S	H	Gr	125 gr
NW	17	15	4		1961	Dr		502	420		5	0		D			
SW	21	15	4		1918	Dr	3	1156	D								Gas at bottom of well has 196 lbs. per sq. in. pressure.
NE	5	15	5		1902	D	36sc?	8	4		VG			D,S	S		0-8 sd
14	30	15	5	Renbar	1961	R		137									0-45 fine sd, 45-90 silty sd, 90-137 medium sd; hole was sd from top to bottom and could not be completed.
10	30	15	5	Renbar	1961	R	4 1/2	350	230	238-350	6	0	9?				0-30 sandy grey cl, 30-75 grey cl, 75-120 blue cl, 120-160 silty grey sd, 160-200 blue silty sd, 200-238 blue cl, 238-300 silty sd, 300-340 fine to medium sd, 340-350 sandy blue cl
SW	3	15	8			S		2375						S			

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
NE	12	15	11	Rangeland	1964	Dr	4 1/2		130	24	122-130	15	6 -6	60 600	D	MH	Gr	0-23 sandy cl, 23-57 blue cl, 57-58 rock, 58-68 sd, 68-75 sh, 75-88 sd & ss, 88-92 sandy sh, 92-94 rock, ,94-110 sandy sh, 110-122 sh, 122-130 gr
NW	5	15	18	Dial	1958	Dr	6,5		210	85	165-170, 185-190	8	125		S	S,So, Su		0-70 cl, 70-80 sd, 80-112 blue cl, 112-170 sh, 170-171 ss, 171-185 sh, 185-190 ss, 190-210 sh; water came in at 3 gpm at 165-170 ft. and at 5 gpm at 185-190 ft.
8	31	15	20	Dial	1964	C	6		150	54	127-142	10	97 -83	300	D,S	MH	Fine sd	0-127 cl, 127-142 fine sd, 142-150 hard cl
NW	4	15	22	C. Anderson	1960	Dr	6		235	175		1			D	MH		80-235 sh
NW	4	15	22	C. Anderson	1957	Dr	6 3/4		200	130	170	2		240		S		0-30 cl & boulders, 30-50 boulders, 50-160 ss, 160-200 sh
NE	19	15	22		1961	R		3225	150									0-55 surface till, 55-100 dark grey glacial lake deposits, 100-110 dark grey salt & pepper bentonitic siltstone, 110-120 brown sh, 120-123.5 coal, 123.5-129.5 bentonitic silt, 129.5-135 silty sh, 135-141 salt & pepper silt, 141-144 sh, 144-146 light grey salt & pepper siltstone with coal stringer, 146-150 brown silty sh (RCA-C)
4	20	15	22	C. Anderson	1959	C	6		85	30	80	8		60	D			0-40 cl, 40-70 ss, 70-85 sh
NE	20	15	22		1961	R		3250	105									0-55 surface till, 55-65 dark grey siltstone, 65-81 sh, 81-98 shaly siltstone, 98-100 coal & sh, 100-110 dark brown silty sh, 110-115 light grey salt & pepper siltstone, 115-120 sh, 120-123 light grey salt & pepper siltstone, 123-128 sh, 128-131 light brown siltstone, 131-137 light brown silty sh, 137-144 light brown siltstone, 144-150 dark brown silty sh (RCA-C)
13	31	15	22	C. Anderson	1965	C	5 1/2c		85	55	55-57	3		120	D	MH		0-20 cl & boulders, 20-35 ss, 35-85 sh
4	3	15	23	C. Anderson	1964	Dr	5 1/2, 4 1/2c		84	40	72-73	3		180	D	MH		0-40 cl, 40-60 sd & gr, 60-65 ss, 65-84 sh
SE	7	15	23			D			20		16				D	S		16-20 sd & cl
	7	15	23	C. Anderson	1961	Dr			60	D								0-38 cl, 38-39 gr, 39-60 cl
NE	8	15	23		1961	R		3295	150									0-23 buff surface till, 23-40 buff to grey salt & pepper bentonitic ss, 40-52 salt & pepper bentonitic silt, 52-62 salt & pepper ss with thin coal stringers, 62-77 light grey salt & pepper siltstone, 77-78 coal, 78-86 sh, 86-125 shaly silt, 125-128 sh, 128-150 light grey salt & pepper siltstone (RCA-C)
13	9	15	23	C. Anderson	1959	Dr	5 3/8c		83	35	76-80	6		180	D	MH		0-76 cl, 76-80 sd & gr, 80-83 cl
NW	9	15	23	C. Anderson	1957	Dr	6c		280	24		15						0-261 cl & boulders, 261-280 ss & sh
	9	15	23	C. Anderson	1959	Dr	6		73	40	68-73	6		120	S		Sd & gr	0-68 cl & boulders, 68-73 sd & gr

NE	11	15	23		1961	R		3089	105								0-30 buff surface till & brown coaly cl, 30-40 dark grey glacial lake deposits, 40-48 light grey salt & pepper bentonitic siltstone, 48-53.5 dark grey silty sh, 53.5-54.5 ss, 54.5-71.5 dark grey silty bentonitic sh, 71.5-72.5 coal, 72.5-78 light grey bentonitic coaly sh, 78-81 light grey sh, 81-85 siltstone, 85-98 light grey sh, 98-101 brown silty shaly coal, 101-105 sh (RCA-C)
12	12	15	23	Dial	1959	C	6,5		185	55	175-176	20	55 -55	30	D	So	Ss	0-60 cl, 60-160 blue cl, 160-175 sh, 175-176 ss, 176-185 sh
SE	14	15	23	C. Anderson		Dr			90	F							Sd & gr	
SW	19	15	23	C. Anderson	1956	Dr			100			10					Cl	
4	19	15	23	C. Anderson	1965	C	5 1/2, 4 1/2c		70	25	60-61	12		120	D	MH		0-30 cl, 30-36 brown ss, 36-70 sh
1	19	15	23	C. Anderson	1965	C	5 1/2c		70		65-68	18		120	D	MH		0-40 sandy cl, 40-70 sh
NE	24	15	23		1961	R			150									0-38 surface fill, 38-50 salt & pepper very bentonitic silt, 50-52.5 coal, 52.5-70 dark grey silty bentonitic sh, 70-79 dark grey bentonitic siltstone, 79-86 silty sh, 86-91 dark grey siltstone, 91-100 dark brown silty sh, 100-102 light grey salt & pepper bentonitic siltstone, 102-126 sh & silt, 126-126.75 coal, 126.75-144 dark brown silty sh, 144-146 coal, 146-150 dark brown sh (RCA-C)
NE	33	15	23		1961	R		3280	150									0-10 dark grey salt & pepper ss, 10-20 dark grey sh, black sh, coal, 20-44 grey ss & sh, 44-46 ss, 46-63 silty grey sh, 63-67 coal, 67-100 grey siltstone, 100-104 salt & pepper ss, 104-150 grey sh (RCA-C)
NW	34	15	23	C. Anderson		Dr	4 1/4c		100	F	90-100	2						0-90 cl, 90-100?
13	1	15	24	C. Anderson	1963	Dr			75	D								0-50 cl, 50-75 silt
SW	2	15	24			Dr			370			G			D,S	H		
SE	3	15	24	C. Anderson		Dr			100	15		20						
3	6	15	24	C. Anderson		Dr	6		35	10	20-23	15		60	S	H	Brown ss	0-20 cl, 20-23 brown ss, 23-35 grey ss
SE	6	15	24			Dr			85						D,S	H		
16	12	15	24	C. Anderson		Dr	6		100	2	97	11		120	D	MH		0-60 cl & boulders, 60-94 sandy cl, 94-100 ss
SW	17	15	24	C. Anderson	1956	Dr			140	15								
1	26	15	24	Pregoda	1960	Dr	6		150	35	82-84	.75			D		Grey ss	0-6 sd & cl, 6-34 cl, 34-53 blue sh, 53-56 ss, 56-72 sh, 72-132 grey ss, 132-138 sh, 138-140 ss, 140-143 sh, 143-146 ss, 146-152 grey sh
NW	34	15	24	C. Anderson	1963	Dr	5 3/8, 4 1/3c		82	20	40-72	2		180	D	MH		0-35 cl & boulders, 35-40 ss, 40-80 sh
SE	35	15	24	C. Anderson		Dr	6		97		43-45	1		60	D	MH	Coal	0-43 cl, 43-45 coal, 45-97 sh
SE	4	15	25			D			20						D,S	S		
NW	6	15	25			Dr			45						D,S	S		
SE	8	15	25			Dr			30						D,S			There are two wells, both 30 ft. deep.
SW	10	15	25	C. Anderson	1962	Dr	5 1/2c		43	17	42-43	2		120	D	MH		0-15 cl, 15-40 sd, 40-43 gr
NW	14	15	25	C. Anderson	1961	Dr	3 1/2		190	50	185-186	3		180	D			0-20 cl, 20-150 sd & gr
13	18	15	25	C. Anderson	1962	Dr	5 1/2c		90		86-88	3		120				0-30 sd, 30-50 ss, 50-90 sh
	33	15	25			Dr		3298	55	F								0-55 cl seams & gr; flowing shot hole.
	34	15	25			Dr		3300	84	F	80							0-60 gr & cl, 60-84 sh; flowing shot hole.

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Yield or test rate (gpm)	Test results Drawdown or recovery (ft.)	Test results Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
	35	15	25			Dr		3300	70	F								0-50 cl & rocks, 50-70 sh & ss; flowing shot hole.
NW	5	15	26	Pregoda	1962	Dr	6		88	26	68-72, 78-80	2			D			0-16 cl, 16-36 brown sd & cl, 36-40 grey ss, 40-46 sh, 46-50 sh & sd, 50-60 ss, 60-68 sh, 68-88 grey ss
3	6	15	26	Pregoda	1959	Dr	6		75	68	68-70	14		1200		MH		0-25 sd, 25-50 cl & sd, 50-64 grey soft sd, 64-74 grey ss, 74-75 sh
SE	13	15	26			D			20		16				D,S	S		16-20 sd & cl; there are two wells, each 20 ft. deep.
NE	13	15	26	C. Anderson	1958	Dr	7 3/8		130	28		3		240		S,Su		0-35 sd & gr, 35-50 cl & boulders, 50-115 grey sh, 115-120 broken ss, 120-130 sh
SW	20	15	26	Pregoda	1961	Dr	5 3/8		89	36	72-74, 80-89	4	20 -20	480 25	D			0-48 cl & sd, 48-56 sh, 56-66 ss, 66-71 sh, 71-78 ss, 78-80 sh, 80-88 ss, 88-89 sh
	32	15	26					3264										0-24 cl & rocks, 24-70 hard sh & ss
SE	7	15	27	Pregoda	1962	Dr	6		26	12	15-17	6						0-15 cl, 15-22 brown ss, 22-26 grey ss & bits of sh
SE	13	15	27	Northern Water Supply	1958	Dr	6		169	29.7	75-80, 100	7	139			S	Sd & pebbles	0-8 gr, 8-24 cl, 24-30 sd, 30-75 blue cl, 75-80 sd & pebbles, 80-82 cl, 82-102 sh, 102-102.6 rock?, 102.6-160 sh, 160-166 rock?, 166-169 sh
SW	18	15	27	Pregoda	1962	Dr	6		75	11	28-30	4						0-24 cl, 24-26 sh, 26-32 grey ss, 32-48 sh, 48-51 grey ss, 51-65 sh, 65-70 cl, 70-75 blue sh
	28	15	27			Dr		3372	65	F								0-28 cl rock, 28-65 sh & ss; flowing shot hole.
NE	34	15	27	Pregoda	1959	Dr	6		125	25	45	2.5		60	D			0-12 sd, 12-35 ss, 35-42 blue cl, 42-67 grey ss, 67-77 sh, 77-89 ss, 89-102 layers of ss & sh, 102-110 ss, 110-125 layers of sh & ss
NW	12	15	28	Pregoda	1962	Dr	6		30	12	16-18	3			D			0-18 cl & brown sd, 18-22 grey ss, 22-24 blue sh, 24-29 grey ss, 29-30 sh
NW	12	15	28	Pregoda	1962	Dr	6		40	17	26-28	4			D			0-8 cl, 8-12 ss, 12-40 blue cl & layers of grey ss
NW	12	15	28	Pregoda	1962	Dr	6		44									0-18 cl & brown sd, 18-20 brown ss, 20-32 cl, 32-36 sh, 36-38 bentonite, 38-40 sh, 40-42 ss, 42-44 sh
1	14	15	28	C. Anderson	1962	Dr	5 1/2c		62		52-54	10			S			1-16 cl, 16-40 ss, 40-60 sh
NW	20	15	28			Dr			210						D,S	H		
NW	26	15	28	Wirchenko	1962	Dr	5 5/8		170	30	82-105, 158-168	15	90	45	D,S	H,A	Ss	0-5 gr, 5-30 brown cl, 30-48 blue cl, 48-56 rock ledge, 56-82 blue cl, 82-83 ss, 83-90 blue cl, 90-91 ss, 91-95 blue cl, 95-96 ss, 96-99 blue cl, 99-103 ss, 103-105 blue cl, 105-107 rock, 107-120 blue cl, 120-125 rock ledge, 125-140 blue cl, 140-142 ss, 142-158 blue cl, 158-168 ss, 168-170 blue cl
NW	31	15	28			D			5		3				D	S		3-5 sd, cl; water is seepage from creek.
NE	1	15	29	Pregoda	1961	Dr	6		58	50	56-58	5	4 -4	240 10		H	Gr	0-15 cl & boulders, 15-18 brown ss, 18-30 sd & gr, 30-56 ss, 56-58 gr
13	34	15	29	C. Anderson	1965	C	4 1/2c		200		105-107	1.5		240		S		80-200 sh; well was deepened from 113 ft. to 200 ft.

NW	9	16	1	Renbar	1962	Dr	10		605	220	520-580	8	137 -137	90 180	P	MH, So	Brown silt	0-5 soil, 5-120 brown cl & small boulders, 120-180 silty grey & brown cl, 180-225 soft grey to light blue cl, 225-320 soft blue cl, 320-360 hard sh, 360-380 dark brown soft sh, 380-420 silty sh with small coal stringers, 420-455 hard sh with ss stringers, 455-459 hardpan, 459-467 silty sd, 467-490 silty sh, 490-520 sh, 520-580 brown silt, 580-600 silty sh, 600-605 hard sh
SE	32	16	1			D			18		14				D,S	S		14-18 cl
	3	16	4	Renbar		Dr	4 1/2c		185		120				D			0-10 soil, 10-30 till, 30-80 sandy cl, 80-90 fine sd cl, 90-150 sandy brown cl, 150-180 sd, 180-185 cl
NW	12	16	4						64	14	55							0-8 sd, 8-10 gr, 10-40 cl, 40-50 quicksand, 50-64 cl & gr
15	7	16	5	Renbar	1961	Dr			260	90	120-260	7	8	12?				0-120 grey sd, 120-200 silty sd, 200-260 medium sd
NW	18	16	5			Dr			210	D								
SE	20	16	5			D			80	D								
SW	20	16	5		1913	B			90	D								
14	29	16	5	Renbar	1961	R			280	120	140-280	60	10	10?			Blue sd	0-140 grey sd, 140-280 blue sd
	31	16	18	C. Anderson		Dr	5 1/2c		202	F								0-162 cl & boulders, 162-170 gr, 170-202 sh
SW	33	16	19	Dial		Dr	7,6		165	50	150-155	8	115	30	D		Brown sh	0-104 cl, 104-150 sh, 150-155 brown sh, 155-165 sh
SE	33	16	19	Dial	1958	Dr	6,5		166	85	153-155	12	81	30	S	S		0-75 brown cl, 75-135 blue sandy cl, 135-153 soft dark sh, 153-155 soft ?, 155-166 soft dark sh
	4	16	20	Dial		Dr				D								
SW	6	16	20	Dial	1961	Dr	7		130	90	123-125	5	5	60	D,S		Sd	0-60 cl, 60-123 sandy cl, 123-125 sd, 125-130 cl
4	6	16	20	Dial	1965	C	6		125	110	118-123	2	15	240	S	H	Sd & small gr	0-45 brown cl, 45-118 blue cl, 118-123 sd & small gr, 123-125 fine sandy cl
NW	8	16	20	Hendrickson Bros.	1962	Dr	5 3/8		153	70					S			0-20 brown cl, 20-143 blue cl, 143-145 sd & silt, 145-152 blue cl & sd, 152-153 sd
5	18	16	20	C. Anderson	1964	Dr	5 1/2, 4 1/2c		153	127	140-143	6		480	S			0-100 cl & boulders, 100-120 sd & gr, 120-135 cl, 135-142 gr, 142-153 sh & coal
4	19	16	20	Hendrickson Bros.	1964	C	5 1/2, 4 1/2c		287	140		.75	147		D,S	S,So		0-63 brown cl, 63-111 blue cl, 111-115 brown cl, 115-186 blue cl, 186-231 soft sh, 231-232 hard sh, 232-241 grey sh, 241-241.5 hard sh, 241.5-266 grey sh, 266-266.5 ss, 266.5-270 grey sh, 270-271 hard sh, 271-287 soft grey sh
SW	32	16	20		1926	Dr	4c	3000	183	49.9						S		Total solids 2786, hardness 45, sulfates 121, chlorides 72, alkalinity 1085, nitrites trace, nitrates trace, iron 0.4, Glauber's salts 150.5
NW	32	16	20	Dial	1961	Dr	6,5		170	60	145-148, 158-161	10	50	60	D,S	S,Su	Hard coal	0-50 cl, 50-140 blue grey cl & some cobbles, 140-145 dark sh, 145-150 soft ss & sh, 150-158 dark sh, 158-161 hard coal, 161-170 sh; total solids 1702, hardness 60, sulfates 337, chlorides 29, alkalinity 985, nitrates 0, nitrites 0, iron 1.5, fluorides 0.15, soda 68.7
NW	11	16	21	Dial	1964	C	6,5		220	115	200-205	2	50	180	S	H,A	Blue shaly ss	0-50 brown cl, 50-95 blue cl, 95-105 sd, 105-135 blue cl, 135-157 dark sh, 157-160 brown sh & a little coal, 160-165 blue grey sh, 165-185 dark brown sh, 185-200 grey sh, 200-205 blue shaly ss, 205-220 sh

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
13	18	16	21	C. Anderson	1962	Dr	5 1/2, 4 1/2c		165	140	153-154	5		180	D	MH	Coal & gr	0-115 brown cl, 115-148 sd & gr, 148-153 cl, 153-154 coal & gr, 154-160 blue cl, 160-165 sh
NE	19	16	21		1961	R		2976	105									0-49 buff surface till, 49-61.5 gr, 61.5-70 light grey salt & pepper siltstone, 70-73 coal, 73-86 brown bentonitic coaly sh, 86-87 coaly sh?, 87-89 light grey bentonite, 89-92 coaly sh?, 92-105 dark grey bentonitic sh(RCA-C)
NE	19	16	21	Dial		Dr	6,5		200	70	100-102, 150-160	<1	120-122 -1.5		D	S, Su	Coal	0-30 brown cl, 30-50 blue cl, 50-60 gr & sd, 60-69 soft sh, 69-70 soft coal, 70-100 soapstone, 100-102 coal, 102-120 light & dark sh, 122-128 blue sh, 128-160 brown sh, 160-200 dark blue sh
13	23	16	21	Hendrickson Bros.	1964	C	5 1/2c		253	150	182-186	15	15 -15	120 10	D,S	S, So	Sd & gr	0-65 brown cl, 65-182 blue cl, 182-186 sd & gr, 186-253 grey sh
NE	24	16	21	Hendrickson Bros.	1961	Dr			260									0-95 cl, 95-115 fine sd, 115-121 cl, 121-123 quicksand, 123-133 sh, 133-136 ss, 136-260 sh
SE	2	16	22	Dial		Dr	6,5		260	90	240-242	2			D	S, Su	Coal	0-140 cl, 140-210 dark soft sh, 210-240 dark sh, 240-242 coal, 242-260 dark sh
13	10	16	22	C. Anderson	1959	C	6		108	50	102-104	5		60				0-50 cl, 50-80 gr, 80-90 cl, 90-108 sh
NW	10	16	22	C. Anderson		Dr	5 1/2c		130	45	125-130	2.5		4?	D	S		0-10 cl, 10-100 sd & gr, 100-130 sh
SE	12	16	22	Dial	1957	Dr	6		80	30	70-80	8	35	60	S	S	Gr	0-30 cl, 30-45 sandy, 45-70 cl, 70-80 gr
NE	19	16	22		1961	R		3175	105									0-33 buff sufrace till, 33-78 dark grey glacial lake deposits, 78-79 coal, 79-92 dark brown coaly sh, 92-105 dark silty sh (RCA-C)
8	21	16	22	C. Anderson	1962	Dr	5 1/2c		115	1	113-115	8			D	S	Coal & gr	0-20 cl, 20-80 sandy cl, 80-113 blue cl, 113-115 coal & gr
SE	21	16	22	C. Anderson	1959	Dr	6		40	10	38-40	G			D	MH	Gr	0-38 cl, 38-40 gr
13	21	16	22	C. Anderson	1964	Dr	5 3/8c		135	35	129-131	3		180	D	MH	Gr & coal	0-20 cl & boulders, 20-40 sd & gr, 40-129 silt, 129-131 gr & coal, 131-135 sh
NE	23	16	22		1961	R		3120	105									0-46 buff till, 46-47 coal, 47-52 brown coaly sh, 52-75 light brown bentonitic sh, 75-79 light grey salt & pepper bentonitic siltstone, 79-95 light brown bentonitic sh, 95-100 light brown bentonitic coaly sh, 100-105 light grey salt & pepper siltstone (RCA-C)
4	32	16	22	C. Anderson	1961	Dr	5 1/2		165	18	60-65	4		120	D		Coal & ss	0-8 cl, 8-60 sd, 60-65 coal & ss
NE	34	16	22		1961	R		3172	120									0-35 buff surface till, 35-90 dark grey glacial lake deposits, 90-96 gr, 96-102 coaly sh, 102-103 coal, 103-107 brown bentonitic coaly sh, 107-107.5 coal, 107.5-120 dark grey bentonitic sh (RCA-C)
NE	36	16	22		1961	R		2994	105									0-44 buff surface till, 44-69 dark grey glacial lake deposits, 69-70.5 gr, 70.5-79 dark grey bentonitic sh, 79-80 coal, 80-100 light grey bentonitic sh, 100-105 light grey salt & pepper siltstone (RCA-C)

13	6	16	23	C. Anderson	1963	Dr	5 1/2, 4 1/2c		187	3	147-149, 183-184	12	300	D	Su	0-140 sd, 140-187 sh
4	9	16	23	C. Anderson	1964	Dr	5 1/2, 4 1/2c		125	75	112-115	8	180	D	MH	0-55 cl, 55-60 coal, 60-80 ss, 80-125 sh
1	20	16	23	C. Anderson	1961	Dr	5 1/2		81	22	80	10	120	D		31-58 sd & gr, 58-65 ss, 65-81 sh
	20	16	23	C. Anderson		Dr	5 1/2c		31			6		D		0-25 cl, 25-31 ss
4	20	16	23	C. Anderson	1964	Dr	5 1/2, 4 1/2c		110	40	82-83, 98-100	6	180	D	MH	0-35 cl, 35-45 ss, 45-110 sh
SE	20	16	23	C. Anderson	1962	Dr	5 1/2		112	25	110-112	2	240	D	S	0-25 cl, 25-60 sd & gr, 60-80 cl, 80-112 sh
	21	16	23	Western Water Wells	1956	Dr	7c		130	60		10		D		0-6 sandy cl, 6-65 boulder cl, 65-104 hard sh, 104-118 soft sandy sh, 118-130 ss
NE	23	16	23		1961	R		3192	105							0-5 surface till, 5-40 sd & gr, 40-65 light grey bentonitic sh, 65-67 coaly sh, 67-68 coal & sh, 68-105 light grey bentonitic sh (RCA-C)
SE	30	16	23	C. Anderson	1961	Dr	5 1/2		72	42	70-72	6	120			0-40 cl & boulders, 40-71 sh, 71-72 coal
NE	36	16	23		1961	R		3138	105							0-50 buff surface till, 50-72 buff sh, 72-85.5 light grey to brown coaly sh, 85.5-86 coal, 86-105 light grey bentonitic sh (RCA-C)
NE	4	16	24	C. Anderson	1962	Dr	5 1/2c		27	16	21-22	6	60	S	MH	0-19 cl & sd, 19-27 ss
	9	16	24	C. Anderson		Dr	6, 4 3/4		147	30	145	2	90		S	0-15 cl, 15-120 ss, 120-147 sh
	9	16	24	C. Anderson	1963	Dr	5 1/2		177.5	30	168-169	3	180	D	S,Su	0-30 cl, 30-45 ss, 45-168 sh, 168-177 porous sh
NE	10	16	24		1961	R		3270	233							0-50 buff surface till, 50-113 dark grey glacial lake deposits, 113-120 silty sh, 120-130 silty bentonite, 130-135 salt & pepper bentonitic siltstone, 135-136 coal, 136-154 salt & pepper bentonitic siltstone, 154-159 light grey salt & pepper bentonitic ss, 159-169 bentonitic siltstone, 169-171 light grey salt & pepper coarse ss, 171-179 bentonitic siltstone, 179-186 sh, 186-199 light grey salt & pepper bentonitic ss with thin coal stringers, 199-202 sh, 202-206 light gray salt & pepper bentonitic ss, 206-210 sh, 210-220 bentonitic siltstone, 220-224 sh, 224-228 light grey salt & pepper siltstone, 228-233 light grey sh (RCA-C)
NE	16	16	24	C. Anderson	1961	Dr	6		62	F	61-62			S		0-60 muddy sd, 60-62 gr
SE	17	16	24	C. Anderson		Dr	6 1/2c		110					D		0-30 cl & boulders, 30-100 ss, 100-110 ss & sh
NW	20	16	24	C. Anderson	1958	Dr	6, 4 3/4		175	30	160	3	240	D	MH	0-8 cl, 8-120 ss, 120-125 sh?
NW	20	16	24	C. Anderson	1958	Dr	6		208	40	200-208	1	240	D	S,Su	175-208 sh
16	32	16	24	C. Anderson	1963	Dr	4 1/2c		215	40		1.5	240	D	MH	0-15 cl, 15-40 brown ss, 40-190 grey ss, 190-215 sh
NE	32	16	24	C. Anderson		Dr	6		110	77	105-107	8	120	D,S		0-8 cl, 8-80 ss, 80-110 sh
NE	32	16	24	C. Anderson	1961	Dr	5 1/2		150	80	70-71, 140-142	2	120	D,S		0-30 cl, 30-80 ss, 80-150 sh
NW	32	16	24	C. Anderson	1961	Dr	6		160	40	155-157	6	120	D,S		0-4 cl, 4-80 ss, 80-150 sh
9	32	16	24	C. Anderson	1960	Dr	6		80	25	45-65	3	120	D	MH	0-35 cl, 35-50 ss, 50-80 sh
9	32	16	24	Grunlin	1954	Dr	6,5, 4 1/2c		140	27	46	1		D		0-9 cl, 131-140 ss & sh

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
	5	16	25					3299	70	F					I			0-28 till, 28-40 ss, 40-70 sh; there was another card the same except for the following log: 0-25 cl & boulders, 25-40 ss, 40-70 sh; flowing shot hole.
SW	16	16	25	C. Anderson	1963	Dr	5 1/2, 4 1/2c		110	20	90-92	2		120		MH		0-40 cl & boulders, 40-45 ss, 45-110 sh
13	30	16	25	C. Anderson	1962	Dr	5 1/2, 4 1/2c		55	10	23,40	3			S	MH		0-16 cl, 16-40 ss, 40-55 sh
NE	32	16	25	C. Anderson	1958	Dr	9		155	8	35-100	3		60				0-3 topsoil, 3-80 sd & cl, 80-110 ss, 110-155 sh
13	34	16	25	C. Anderson		Dr	5 1/2, 4 1/2c		220	110	212-214	3			D	MH		0-20 cl, 20-80 ss, 80-220 sh
4	12	16	26	C. Anderson	1960	Dr	5		95	F	89?	5			D			0-40 cl, 40-50 ss, 50-95 sh
NW	36	16	26	C. Anderson	1959	Dr	5 1/2		60	22	55	3		60		S		50-60 sh; well was deepened from 50 to 60 ft.
NE	10	16	27			Dr	5 5/8c		220	170	120, 180	<1				S		120-220 sh; went through 20 ft. of ss after 20 ft. of drilling, then through sh. A good flow of water was struck at 170 ft. but disappeared after further drilling.
NE	14	16	27	C. Anderson	1962	Dr	5 3/8, 4c		105			2		120	S			0-16 cl, 16-45 ss, 45-105 sh
SW	31	16	27		1918	Dr	5 5/8c		210	40	125	4	100	120	D,S	S		40 rock, 125-210 sh; went through 2 ft. of ss after 40 ft. and then through sh.
NE	4	16	28	Pregoda	1961	Dr	6		50	10	36-40	6		1200?	D			0-16 sd & cl, 16-25 ss, 25-28 sh, 28-43 ss, 43-45 sh, 45-50 ss
NE	10	16	28	Pregoda	1961	Dr	6		55	11	20-24, 40-41							0-18 sd, 18-42 ss, 42-46 sh, 46-52 ss, 52-55 sh & ss
SE	10	16	28		1918	Dr	5 5/8c		80	20	50	1	60	60	D,S	S		50-80 sh or soapstone; through rock all the way after 20 ft.
13	10	16	28	DeForas	1960	Dr	5 3/8, 4 1/4c		116	42	84-108	10	74	60	D	S		
NW	10	16	28	Pregoda	1961	Dr	5 3/8		162	45	52-55				D			0-15 cl, 15-33 sd, 33-58 sh, 58-63 ss, 63-72 sh, 72-76 ss, 76-78 sh, 78-84 ss, 84-112 sh, 112-114 sd, 114-160 ss & sh, 160-162 sh
	15	16	28	Western Water Wells	1947	Dr	10, 8c		124	41	63-74, 86-90	10			P	S	Ss	A test well was drilled to 295 ft., all in alternating beds of grey and brownish sh. Only a small amount of water was encountered. Well was abandoned and casing withdrawn. Ss beds were completely missing here probably due to a fault between the holes.
NE	15	16	28			Dr	5 5/8c		138	40	40-120	VG			D,S	S		130-138 cl, 3 layers of rock at 35, 80, & 100

SW	22	16	28			Dr			96			6			P			0-14 yellow cl, 14-17 sd, 17-24 blue sh, 24-38 grey hard ss, 38-96 blue sh & streaks of ss (RCA-G)
NE	23	16	28	Pregoda	1961	Dr	6		110	10	104-106	28	2	240				0-12 cl, 12-16 gr, 16-22 coarse sd, 22-73 sd & cl, 73-102 cl, 102-110 sd
NE	30	16	28			C			102						D,S	S		
12	10	16	29	Hub City	1962	Dr	4 3/4	3620	427	F		15						
1	15	16	29	Hub City	1962	Dr		3591	129	80		90						Alternating layers of ss & sh of the Paskapoo Formation
NE	23	16	29	Northern Water Supply		Dr?			120	26		3.5					Sd	
SE	24	16	29	DeForas	1962	Dr	5 3/8		62	20	44-58	18	40	120	S	S		27 br
S 1/2	28	16	29		1918	Dr	5 5/8c		77	30	65	1	20	60	D,S	S		60-77 ss
	13	16	30						88	F					I			0-30 brown cl & boulders, 30-55 blue cl, gr & boulders, 55-88 hard ss & sh; flowing shot hole.
15	2	17	1	Anderst	1942	B	24c	2645	103	28		3			D,S	H	Bearpaw	
2	3	17	1		1942	D	36c	2630	14	12		VG			D,S, Ir	S	Dr	
3	4	17	1	Safer	1930	Dr	4c	2545	245	145	230-235	<1			S	H,I		
3	5	17	1			B	30c	2530	28	20		G			D,S	H		
5	6	17	1		1920	B	24c	2660	45	30		<1			S	H,I	Dr	
16	7	17	1			B	30c	2620	47	30	47	<1			D,S	H	Dr	
15	9	17	1		1917	B	24c	2685	112	90					D,S	H	Bearpaw	
2	10	17	1			B	36c	2600	96	35					D,S	H,I		
13	13	17	1		1929	B	24c	2520	35	27		<2			D,S	H,I	Dr	
13	14	17	1	Anderst	1942	B		2560	60	50		<1			D,S	H,I	Dr	
7	18	17	1		1918	B	24c	2620	47	42					D,S	H	Dr	
NW	19	17	1		1918	B	30c	2570	110	70					S	H	Bearpaw?	Has another well 80 ft. deep.
15	19	17	1	Dierch	1917	B	24c	2570	80	60	78	<1			D,S	H,I	Dr	
S 1/2	21	17	1		1928	B	24c	2560	85	45					D,S	H,I	Dr	
16	21	17	1	Pudwell	1946	B	24c	2530	45	18	45				D,S	H	Dr	
13	21	17	1		1925	D	36c	2525	35	20		<2			D,S		Dr	Well is 300 yds. from a slough.
2	23	17	1	Anderst	1942	B	24c	2520	28	14	26	P			D,S	A	Dr	
13	24	17	1		1929	D	36c	2515	32	10		G			D,S	H,I	Bearpaw (dr)	26 br
1	25	17	1	Rinkey	1920	B	24c	2520	75	55		<1			D,S	H	Dr, quicksand	Black gumbo above quicksand; well is 100 ft. from a slough
13	25	17	1	Rinkey	1917	B	24c	2490	62	36		VG			D,S	H,I	Bearpaw	30 br
3	31	17	1		1948	B	30c	2550	37	3		P			D,S	H,A	Sd (dr)	
9	32	17	1		1911	D	36c	2540	40	30		<1			D,S	H	Dr	
15	35	17	1	Paschki	1948	B	24c	2510	70	12					P	S	Dr	70 granite boulder
NW	35	17	1	Renbar	1962	Dr	10		650	195	605-625	10	25 -25	20 6	P	S	Medium sd	0-6 soil, 6-85 light brown soft cl & boulders, 85-160 grey cl, 160-223 light blue silty cl, 223-224 hardpan, 224-390 blue cl & small ss deposits, 390-584 hard sh, 584-596 hardpan, 596-605 silty sd, 605-625 medium sd, 625-634 sd mixture, 634-646 silty sd, 646-650 hard sh
14	36	17	1			D,Dr	33,2c	2500	75	50		<1			D,S	H	Dr	60-75 ft. is drilled, sd encountered.
14	18	17	2	Durr	1929	B	24c	2670	91	30		VG			D,S	H	Bearpaw	
16	18	17	2		1942	B	24c	2670	89	60		<1			D,S		Bearpaw	

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
NW	19	17	2			B		2650	108	50		>2				H	Bearpaw?	
15	21	17	2	Zieffle	1948	B	24c	2650	122	90	120	1			D,S	H,A		Boulders in Bearpaw; well is bottomed in br (sh).
13	22	17	2	Durr	1948	B	24c	2550	126	86	126	>3			D,S	H	Dr	40 br; sd below blue cl, water from sh, br formation is Bearpaw. Character of br is blue grey sh.
16	24	17	2		1948	B	24c	2570	50	30		1			D,S	H	Dr	Well is 1/4 mi. from slough.
6	25	17	2	Becker	1948	B	24c	2550	40		40	<1			D,S	H,I	Dr	
3	27	17	2	Pregoda	1959	Dr	6		162	98	149-151	1.5						0-78 sd & cl, 78-130 blue cl & sd, 130-134 coarse sd & fine gr, 134-149 blue cl, 149-162 brown sd
13	29	17	2		1942	B	24	2520	24	8		G			S	S	Dr	Well is near lake but water level remains constant even when lake is dry.
6	33	17	2		1929	B	24	2540	102	50	101	G			D,S	I	Bearpaw sh	Struck sd below 50 ft. of Bearpaw.
16	22	17	3	McKinnon	1946	Dr		2640	400	D							Oldman	0-100 dr, blue cl, coal, ss & sh, coal
8	23	17	3	McKinnon		Dr		2650	300	D							Oldman	Bottomed in sandy sh and some coal fragments.
11	34	17	3			B	30	2620	60			G			D,S	S	Dr	
13	36	17	3		1932	B		2460	60	40		<1			D,S	H	Dr	
15	8	17	5	Renbar	1961	R			220	140	200-220	6	20	8?			Sd	0-20 sandy grey cl, 20-80 grey cl, 80-140 silty cl, 140-160 grey cl, 160-200 blue cl, 200-220 sd
NW	24	17	7			D	36c		38		26				D,S	H		
SW	7	17	12			Dr		2470	200							S	Oldman	
SE	5	17	13	Anderburg & Sons	1958	Dr	5 5/8		150	20	90-94, 140-144	1.5	80 -30	25 60	D	S	Ss	0-70 sandy cl, 70-74 blue sh, 74-90 grey sh, 90-94 ss, 94-130 grey sh, 130-134 blue sh, 134-140 grey sh, 140-144 ss, 144-150 brown sh
	22	17	14	Big Indian	1957	Dr	4 3/4		160		54	10	10	60	D			0-45 cl sd, 45-155 ss & sh, 155-160 ss
	14	17	17	Leismeister	1963	Dr	4		60	8	50-60	6	40 -40	180 30	D	S		0-60 gr
NE	35	17	17	McAuley	1961	Dr	5 5/8		195	80	175-185	.75	150 -110	180 60	S			0-11 sandy brown cl, 11-15 sd, 15-28 brown cl, 28-33 brown sh & coal, 33-34.5 coal, 34.5-51.7 brown & grey sh, 51.7-53.4 brown sh & coal, 53.4-69 grey & brown sh, 69-85 soft grey ss, 85-90 brown & grey sh, 90-107 grey sh, 107-117 grey ss, 117-153 hard ss, 153-153.5 brown shalerock band, 153.5-185 hard grey ss, 185-195 grey & blue sh
10	10	17	18	C. Anderson	1962	Dr	5 3/8c		100	10	90-91	6		120	I			0-25 cl & boulders, 25-50 ss, 50-100 sh
NW	4	17	20	Dial	1961	Dr	6		138	77	77, 128-130	15	35	30	D,S			0-128 cl, 128-129 coal, 129-130 ss, 130-138 sh
NW	4	17	20	Dial		Dr	6,5		160	65	135-137	2	130	720		A	Gr coal & soft coal	0-40 cl, 40-130 blue cl, 130-135 soft sh, 135-137 gr coal & soft coal, 137-160 soft dark sh
NE	7	17	20		1961	R		3025	150									0-57 buff surface till, 57-110 dark grey glacial lake deposit, 110-118 sh, 118-119 coal, 119-126 silty sh, 126-137 light grey salt & pepper bentonitic siltstone, 137-150 silty sh (RCA-C)

	10	17	20	Hendrickson Bros.		Dr			400	D								0-80 brown cl, 80-170 blue cl, 170-240 dark sh, 240-325 light brown sh, 325-340 very hard sh, 340-400 brown sh
NW	10	17	20	Hendrickson Bros.		Dr			260	D								0-65 brown cl, 65-160 blue cl, 160-260 dark sh
	10	17	20	Hendrickson Bros.		Dr			300	D								0-75 brown cl, 75-172 blue cl, 172-255 dark brown sh, 255-300 light brown sh
NW	10	17	20	Hendrickson Bros.		Dr			160	D								0-48 brown cl, 48-160 sd
NW	10	17	20	Hendrickson Bros.		Dr			320									0-72 brown cl, 72-160 blue cl, 160-196 sd, sh, ss, gr & sh, 196-260 dark sh, 260-292 hard brown sh, 292-320 sd & sh
NW	10	17	20	Dial		Dr	6,5		300	D								0-165 cl & rocks, 165-300 dark blue sh; has another well 225 ft. deep, also dry, with a log reading: 0-150 cl & rocks, 150-225 blue sh
NW	14	17	20	Hendrickson Bros.	1961	Dr	5 1/2		55	10		3	20	12?	D,S			0-21 ?, 21-22 gr, 22-33 cl, 33-35 gr, 35-55 cl
	15	17	20	McAuley	1961	Dr			190	D								0-85 sandy brown cl & rock, 85-180 silty grey blue cl & gr, 180-190 sh
	15	17	20	McAuley	1961	Dr	5		300	D								0-77 sandy brown cl, 77-175 silty blue grey cl, 175-300 hard grey sh
SE	16	17	20	Hendrickson Bros.	1961	Dr	5 1/2		195	135		1.5	15	1080	S			0-55 cl, 55-57 gr, 57-100 cl, 100-125 sd & cl, 125-130 coal & sd, 130-135 sh & ss, 135-195 sh
SE	17	17	20	Dial	1958	Dr	6,5		405	65	130, 170-172				D	A	Coarse sd & gr	0-60 brown cl, 60-170 blue cl, 170-172 coarse sd & gr, 172-220 blue cl, 220-280 dark sh, 280-290 solid rock, 290-405 dark sh with a few hard strips
SW	18	17	20	Dial	1961	Dr	5		150	35	140-143				D			0-120 cl, 120-122 sh, 122-125 ss, 125-127 sh, 127-150 ss
NE	20	17	20		1961	R		3175	150									0-40 buff surface till, 40-85 gr & till, 85-105 dark grey glacial lake deposit, 105-110 siltstone, 110-117 silty sh, 117-127 dark grey sh, 127-128 weathered coal, 128-141 dark grey sh, 141-150 light grey salt & pepper siltstone (RCA-C)
SW	22	17	20	Hendrickson Bros.	1962	Dr	5 1/2		135		135				S	MH		0-35 brown cl, 35-135 blue cl; 135 sd
NW	22	17	20	Hendrickson Bros.	1961	Dr	5 1/2		163	75		.7	70	2160	S			0-120 cl, 120-150 sandy cl, 150-160 cl, 160-163 sd
4	28	17	20	Hendrickson Bros.	1964	C	5 1/2		202	125	150,164, 190	5	77	120	D,S	S,So, Su		0-55 brown cl, 55-61 brown & blue cl mixed, 61-63 sd & brown cl, 63-72 blue cl, 72-116 grey sh, 116-119 dark brown sh, 119-125 grey sh, 125-126 grey sh & bits of coal, 126-149 grey sh, 149-150 grey sh & bits of coal, 150-161 grey sh, 161-164 dark brown sh, 164-184 grey ss, 184-184.5 coal, 184.5-189 dark brown sh, 189-190 white sh, 190-190.5 coal, 190.5-202 white sh
9	24	17	21	Hendrickson Bros.	1964	C	5 1/2, 4 1/2c		114	90	101-102	15	0	240	S	S,So	Sh	0-63 sandy brown cl, 63-84 blue cl, 84-86 ss, 86-101 grey sh, 101-102 sh, 102-114 grey sh

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
SE	26	17	21	Hendrickson Bros.	1963	Dr	5 1/2		143	53		G						0-64 brown cl, 64-66 blue cl, 66-92 sd, 92-104 cl, 104-108 gr, 108-111 hard sh, 111-116 soft sh, 116-118 hard sh, 118-137 soft sh, 137-138 hard sh, 138-143 soft sh
1	36	17	21	Hendrickson Bros.	1964	C			250	D								0-61 brown cl, 61-120 blue cl, 120-141 brown cl, 141-250 dark grey sh
1	36	17	21	Hendrickson Bros.	1964	C	5 1/2		184	123		2	61		D,S	S		0-82 brown cl, 82-127 blue cl, 127-154 fine sd, 154-163 blue cl, 163-166 gr & cl, 166-184 dark sh
	4	17	22	C. Anderson		Dr			220								Cl	
4	8	17	22	C. Anderson	1963	Dr	5 1/2, 4 1/2c		149	40	143-145	3		300	D	MH	Coal	105-143 sh, 143-145 coal, 145-149 sh; well was deepened from 105 to 149 ft.
SE	9	17	22	C. Anderson	1963	Dr	5 1/2c		155		124-125, 150-151	6		180		MH		0-50 cl, 50-60 ss, 60-80 brown sh, 80-155 sh
SE	9	17	22	C. Anderson	1962	Dr	5 1/2, 4 1/2c		120	85	103-105	3		180	D	S		0-10 topsoil, 10-15 gr, 15-40 cl & boulders, 40-50 ss, 50-120 sh
	34	17	22	C. Anderson		Dr	7c		70	69		3						0-8 sd, 8-70 broken ss
		17	22	C. Anderson		Dr	5 3/8		200	F		2						0-60 cl & boulders, 60-170 ss, 170-180 coal & ss, 180-200 sh
4	3	17	23	C. Anderson	1962	Dr	5 1/2, 4 1/2c		90	25	87-88	.5		120		S		0-20 cl, 20-40 ss, 40-90 sh
	6	17	23	C. Anderson	1959	Dr	6		100	35	92-93	12		90	D	MH		0-50 cl, 50-100 sh
13	8	17	23	A. J. Drilling	1964	Dr	5 1/2, 4 1/2c		130		128-130	10				MH	Sd	0-15 brown cl, 15-128 blue cl, 128-130 sd
SW	12	17	23	C. Anderson	1960	C	5		80	F	79	7			D	MH		0-6 cl, 6-10 sd, 10-74 cl, 74-80 ss
	26	17	23					3114	80	F					I			0-30 cl & boulders, 30-80 sh & ss; flowing shot hole.
	26	17	23					3110	70	F					I			0-50 cl & boulders, 50-70 sh & ss; flowing shot hole.
	26	17	23					3123	70	F					I			0-50 cl & boulders, 50-70 ss & sh; flowing shot hole.
4	30	17	23	C. Anderson	1965	C	5 1/2c		172	132	171-172	6		300	D	MH		0-115 cl & boulders, 115-120 ss, 120-172 sh
NW	31	17	23	C. Anderson	1958	C	6		103	20	100-103	6	40	20	D	MH	Gr	0-3 cl, 3-100 sd, 100-103 gr
													-40	15				
NE	33	17	23	C. Anderson	1965	C	5 1/2c		37		34-35	15		120	D	MH		0-32 cl & boulders, 32-35 ss, 35-37 sh
	4	17	24	Kennedy		Dr	6		50	25	40-50	5		120	D	S		0-6 yellow cl, 6-18 soft ss, 18-50 hard ss
													-20	30				
NW	4	17	24	C. Anderson	1961	Dr	6		75	30	68-70	2		120	I			0-10 cl, 10-60 ss, 60-75 sh
NW	4	17	24	C. Anderson	1961	Dr	6		71	41	60-62	3		60				46-71 sh; deepen old well.
SE	5	17	24	C. Anderson	1962	Dr	4 1/2		130	105	124-125	6		180	D			60-130 ss
14	5	17	24			Dr	6,5		700	D								Well is cemented in from 320 to 440 ft.
	5	17	24	C. Anderson	1962	Dr	5 3/8, 4 1/2c		70	25	33-68	1		120	D	S		0-15 cl, 15-33 ss, 33-70 sh

	5	17	24	C. Anderson	1961	Dr	12 1/2, 8 5/8c		236	35	50-52, 110-112	12			P	S	Grey ss	0-20 cl, 20-50 brown ss, 50-52 grey ss, 52-100 sh, 100-175 ss, 175-236 sh
NW	5	17	24	C. Anderson	1959	Dr	5 3/8, 4 1/2c		65	20	63	12		60	D	S		40-65 ss; finished old well.
NW	5	17	24	C. Anderson	1959	Dr	5 1/2c		125	22	63-66	2		180	I	S		0-10 cl, 10-60 ss, 60-75 sh, 75-125 ss
	5	17	24	Granlin	1954	Dr	6,5c		91	17		P			D			0-19 ?, 19-? ss, ?-91 ss & sh interbedded
SW	5	17	24	C. Anderson	1961	Dr	5		170	60	162-165	6		3	I	MH		0-20 cl, 20-60 ss, 60-170 sh
NW	9	17	24	C. Anderson		Dr	5 3/8, 4 1/2c		205		204-205	6		120	D	Su		0-16 cl, 16-40 brown ss, 40-125 grey ss, 125-205 sh
4	15	17	24	C. Anderson		Dr	5 3/8c		90	55	78-80, 86-88	12		120	S	S		0-8 cl, 8-25 brown ss, 25-80 grey ss, 80-90 sh
NE	19	17	24	C. Anderson	1959	Dr	7		70	2.5	68	G				MH		0-10 cl, 10-30 sd, 30-65 cl, 65-70 gr
	28	17	24	C. Anderson	1956	Dr	5c		80								Sd & gr	0-5 topsoil, 5-45 sd & gr, 45-70 ss, 70-80 ss & coal
4	28	17	24	C. Anderson	1965	C	5 1/2, 4 1/2c		150	110	139-140	3		180	D	S,Su		0-10 cl, 10-90 ss, 90-150 sh
	30	17	24	Granlin	1946	Dr	6c		65		65	G			D	S		
13	30	17	24	C. Anderson	1960	Dr	6		45	12	32-33	3		90	S	H		0-12 cl, 12-40 ss, 40-45 sh
16	32	17	24	C. Anderson	1965	C	5 1/2, 4 1/2c		148	113	140-143	6		240	D	S,Su		0-6 cl, 6-25 brown ss, 25-125 grey ss, 125-148 sh
		17	24	C. Anderson	1960	Dr	7		55		45-47	1.5		120		S		0-25 cl, 25-35 brown ss, 35-55 grey ss
		17	24	C. Anderson	1960	Dr	9,6		190	40		14		180	P	S		0-20 cl, 20-45 brown ss, 45-47 broken ss, 47-126 ss, 126-156 sh, 156-160 pervious sh, 160-190 sh
		17	24	C. Anderson	1960	Dr	9		120	55	63-65, 90-92	10		240	P	S		0-20 cl & rock, 20-35 brown ss, 35-120 grey ss
SW	33	17	24	C. Anderson	1959	Dr	5 3/8c		172	80	155	6		120	D	S		0-14 cl, 14-50 brown ss, 50-150 grey ss
4	1	17	25	C. Anderson	1964	Dr	6 1/2		150		40	.5						0-8 cl, 8-40 brown ss, 40-60 grey ss, 60-150 sh
	10	17	25					3333	84	F								0-35 cl & rocks, 35-84 sh & ss; flowing shot hole.
SW	12	17	25	C. Anderson	1963	Dr	5 1/2c		40	15	35-36	2		120	S	MH		0-20 cl, 20-40 ss
1	12	17	25	C. Anderson	1961	Dr	6c		150	F	18.40, 107	10			P			0-16 cl, 16-18 sd, 18-57 ss, 57-150 sh; water at 18 ft. & 40 ft. was shut off.
1	13	17	25	C. Anderson	1964	Dr	5 1/2, 4 1/2c		140	30	80-130	1.5		240	D	S		0-8 cl, 8-80 ss, 80-140 sh
SE	16	17	25	McNivon Bros.		Dr	5 1/2		38	20	32-34	20	18 -18	1200 20?	S	H		0-2 topsoil, 2-38 cl
	17	17	25	C. Anderson	1957	Dr	6c		90	F					S			0-25 cl & boulders, 25-90 ss
NW	19	17	25	C. Anderson	1963	Dr	5 3/8c		45	F	43-44	1.5						0-43 cl, 43-45 ss
NW	19	17	25	C. Anderson		Dr	6 1/2c		120	F								0-80 cl & boulders, 80-110 sh, 110-120 ss & coal
NE	25	17	25	C. Anderson	1959	Dr	6		60	10	50	20		60	S	H		0-40 cl & boulders, 40-50 ss, 50-60 sh
4	31	17	25	C. Anderson	1964	Dr	5 1/2c		62		60-62	15		120	D	MH		0-10 cl & boulders, 10-58 sd & gr, 58-62 ss
	31	17	25	C. Anderson	1964	Dr	5 1/2c		100	1	96-98	10		240	S	MH		0-30 cl & boulders, 30-92 sd & gr, 92-100 sd
4	33	17	25	C. Anderson	1960	Dr	6		210	40		.75			D	MH,Su		0-49 cl, 49-94 ss, 94-170 sandy sh, 170-171 porous sh, 171-210 sh
NW	33	17	25	C. Anderson	1958	Dr	4 3/4		150			G			D	S		124-150 sh; well deepened from 124 ft.
	4	17	26			Dr		3316	60	F					I			0-20 cl & boulders, 20-60 sh & ss; flowing shot hole.
	4	17	26			Dr		3314	65	F					I			0-65 cl & boulders; flowing shot hole.

Water-Well Records, West of the Fourth Meridian (Cont'd.)

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Yield or test rate (gpm)	Test results Drawdown or recovery (ft.)	Test results Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
	11	17	26			Dr		3293	45	F					I			0-35 sd & gr, 35-45 cl & rock; flowing shot hole.
	13	17	26		1957	Dr	5 1/2c		200	F		5						0-20 sd & cl, 20-200 ss
NW	14	17	26	C. Anderson		Dr	6, 4 3/4		85	20	82	4		120	S	S, Su		0-8 topsoil, 8-40 ss, 40-85 sh
	16	17	26			Dr		3293	84	F					I			0-20 cl & boulders, 20-84 sh & ss; flowing shot hole.
1	28	17	26	C. Anderson	1960	Dr	6		170	130		2		120	D			0-20 cl, 20-110 sd & gr, 110-170 sh
NE	34	17	26	C. Anderson	1959	Dr	6		70	4	48-70	12		60	D	MH		0-40 cl & boulders, 40-55 sd, 55-65 cl, 65-70 gr
NW	16	17	27	DeForas	1958	Dr	4 1/4c		138	18	90	3		25		S		
NW	16	17	27	DeForas	1958	Dr	5 3/8		100			G				S		
	16	17	27		1945	Dr	6c		96		96	G			S	H	Paskapoo (ss & sh)	
	28	17	27		1948	Dr	6c		90		45	G			S	H	Paskapoo ss	
	30	17	27			Dr	5 3/8		153	16		G			S			
SE	3	17	28		1906	Dr	5c		105	F	100	25			D, S	H		40 rock, 100-105 sh; went through ss at 40 ft. & some coal seams.
6	7	17	28	R. Snider	1962	Dr	5 5/8		80	F	38-40, 70-80	15	60	45	S	MH		0-8 topsoil, 8-21 brown cl, 21-22 rock, 22-26 brown cl, 26-27 coal, 27-38 brown cl, 38-40 rock ledge, 40-50 blue cl, 50-60 cl & sh, 60-80 ss
NW	11	17	28		1906	Dr	4 1/2c		106	7	100	VG			D, S	H		40 rock, 100-106 sh
	17	17	28		1918	Dr	5 5/8c		97	40	66, 89	6	25	120	D, S	H, A		30-40 rock, 89-97 soapstone; went through 40 ft. of ss. Water from 66 ft. is alkaline.
	18	17	28	Nickerson	1948	Dr	6c	3514	112		112	<1			D,	S	Paskapoo ss & sh	Br approx. 31; hard water was encountered at 31 ft. which rose to 3 ft. from ground level. This aquifer was cased off and hole deepened to 112 ft. to obtain a supply of soft water. Supply of hard water is plentiful but soft water is limited.
NW	19	17	28	DeForas	1962	Dr	5 3/8, 4 1/2c		70	11		6	59	120?	S	S		24 br; bottomed in loose sd.
14	19	17	28	DeForas	1961	Dr	5, 4 1/2c		80	16	60-80	.8			D, S	H		36 br; bottomed in sh.
5	9	17	29	DeForas	1960	Dr	5 3/8		75	F		7			S	S		
	9	17	29	DeForas	1962	Dr	5 3/8		81	F		7			S			Bottomed in loose sd; water flows 28 ft. above ground level.
	9	17	29	DeForas	1960	Dr	5 3/4, 5 1/2c		43	F		5			S	S		36 br; bottomed in ss.
SW	12	17	29		1918	Dr?	5 5/8c		75	40	70-75	<1	25	120	D, S	H	Sd	28 rock, 28-33 ss, 70-75 sd
SE	14	17	29		1918	Dr?	5 5/8c		30	7	20	17			D, S	H		20-30 ss
NE	22	17	29		1958	Dr	5 1/2c		70	20	65	8		120	D	MH		0-45 cl, 45-46 gr, 46-60 ss, 60-70 sh
S1/2	22	17	29		1918	Dr?	5 5/8c		153	30	53, 146	VG			D, S	S		48 rock, 146-153 soapstone

	24	17	29	DeForas	1961	Dr	5 3/8, 4 1/2c		130			.2			D	S		46 br; bottomed in sh.
	24	17	29	DeForas	1961	Dr	5 3/8, 4 1/2c		136	46	56-101	.2				S		36 br; bottomed in sh.
	24	17	29	DeForas	1963	Dr	5 5/8		170			<1			D			38 br; bottomed in sh.
	24	17	29	DeForas	1963	Dr	5 3/8		175	82	162-175	5	73	120	D	S		30 br; bottomed in ss.
	24	17	29	DeForas	1963	Dr	5 3/8		170	62		<1			D	S		28 br; bottomed in sh.
	24	17	29	DeForas	1961	Dr	5 3/8, 4 1/2c		62	20		10		120?	D,S	H		31 br; bottomed in sh.
	24	17	29	DeForas	1961	Dr	5 3/8		71	18	42-62	5	44	120?	D	H		37 br; bottomed in sh.
NW	24	17	29	DeForas	1958	Dr	5 3/8		146	26		3			D	H		
14	24	17	29	DeForas	1962	Dr	5 3/8		136			<1			D	S		60 br; bottomed in sh.
3	30	17	29	R. Snider	1962	Dr	4 1/2c		170		160-170	5	75 -90	20 45	D,S	MH		0-2 topsoil, 2-9 brown cl & stones, 9-18 pea gr, 18-40 brown cl, 40-60 soft ss, 60-80 sh & rocks, 80-90 soft ss, 90- lost circulation, could not recover. Kept drilling to 130 ft., bailed approx. 1 gpm. Drilled to 150 ft., bailed same amount – bit hit blue cl, drilled through cl and hit hard formation at 160ft. Drilled to 170 ft., bailed hard water. Presumed last 10 ft. is ss.
		17	29	DeForas	1960	Dr	5		192	8	85-192	4	80	180	D			50 br; bottomed in sh.
SW	1	18	1			D		2480	35	27						S	Dr	
5	2	18	1	Pasch	1945	B	24c	2525	42	34	42	4?			D	MH	Bearpaw sh & ss	Has another hard water well, 95 ft. deep on same location.
16	2	18	1		1920	D	36, 8c	2500	60	20		<1			S	H	Dr	Well was dug 30 ft. and augered 30 ft.
1	4	18	1		1942	B	30c	2515	60	30	60	VG			D,S	H,A	Bearpaw sh & ss	
3	5	18	1			B	30c	2530	28	20		G			D,S	H	Dr	
14	7	18	1		1925	B	24c	2570	46	20		<1			D,S	MH	Dr	
4	14	18	1		1930	B	24c	2460	63	50	60	P			S	H,I	Bearpaw sh	There is water in blue sd below blue cl. Owner has another similar well.
16	14	18	1		1910	D	36, 2c	2460	40	15		4			D,S	H,I	Dr	Last 12 ft. are augered but not cased. Well is 20 ft. from slough; slough dries up but doesn't effect well.
9	15	18	1		1911	B	30c	2470	25	18	20	G			D	H	Dr	
4	17	18	1		1915	B	24c	2530	60	25		<1			D,S	H		
2	18	18	1	Durr	1923	B	24c	2480	50	20	50	G			S	H,I	Bearpaw blue sh	
SW	19	18	1	Wolf & Durr	1935	B	24c	2555	60	50	60	<1			D,S	MH	Bearpaw grey sh	55 rock; water from sd in blue cl. Owner has similar well, 40 ft. deep but with softer water.
16	19	18	1		1912	B	24c	2530	72	66	72	G			D,S	H	Bearpaw sh & ss	56 ft. well beside this went through cl and struck a rock. There were no rocks in the blue cl.
NE	21	18	1			B		2650	122	90		1					Bearpaw	
	23	18	1	DeForas	1960	Dr			181	12	65-94	17		60	D	S		16 br; bottomed in sh.
1	24	18	1	Deibert		Dr	6c	2450	50			<1			S	H,A		
2	27	18	1	Dayer	1926	B	24c	2470	42	22	42	G			S	H,A		Adjacent well, 20 ft. deep, is used domestically; also a sd lense in Bearpaw.

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Drawdown or recovery (ft.)	Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
4	28	18	1	Paske	1944	B	24c	2535	63	23	23,63	<1			D,S	MH		63 yellow cl; another well, 90 ft. deep, has an unlimited supply of hard water.
9	30	18	1	Filbert	1944	B	24c	2530	94	34	94	>1			S	H	Bearpaw	0-30 dr, 30-55 blue cl, 55-94 yellow cl, 94 sd
15	31	18	1		1917	B	24c	2560	97			<1			S	H,A	Bearpaw?	Well is in hollow. There are 3 other wells, one 27 ft. deep in dr and bottomed in blue sh.
13	32	18	1	Libden	1946	B	24c	2520	49	25	41-49	<1			S	H		
16	33	18	1		1936	B	24c	2500	100	40	100	G			S	H	Bearpaw sd & sh	
2	1	18	2			B	24c	2570	40	30	35-40?	<1			D,S	H		
8	2	18	2		1944	B	24c	2560	50	20		G			D,S	H		
NE	4	18	2			B		2540	34	8		>1					Dr	
9	5	18	2	Durr	1920	B	24c	2540	85	70	85	>3			S	H		Blue cl with boulders above gr, water at 30 ft.
1	10	18	2		1917	B	24c	2475	60	55		<1			S	H		
15	10	18	2	Schaeffer	1917	B	24c	2570	50	32	50	G			S	H		
14	10	18	2	Durr	1926	B		2600	53	44	53	<1			S	H		Quicksand below blue cl at 20 ft.
5	13	18	2		1941	B	24c	2550	32	24		G			D,S	H		
13	13	18	2	Durr	1932	B	24c	2525	32	15	32	G			D,S	MH	Dr	Boulders in black cl (Bearpaw?).
16	14	18	2	Durr	1920	B	24c	2540	34	18	34	>1			S	H		33 blue cl; water in chocolate brown mud below blue cl; 35 ft. well in gr.
9	18	18	2		1945	B	24c	2655?	53	12	53	G			D,S	H,A	Bearpaw ss & sh	
14	20	18	2	Durr	1916	B	24c	2450	38	28		<1			S	A		
1	22	18	2		1927	B	24c	2545	40	28	40	<1			D,S	MH	Bearpaw grey sh	Quicksand below blue cl; water level varies with level of adjacent slough.
10	23	18	2			B	24c	2540	60	40		G			D,S	H	Dr	
13	25	18	2	Pudwell	1943	B	24c	2560	100	75	100	<1			S	H	Bearpaw?	
2	28	18	2	Durr		B	24c	2460	60	54		<1			S	H,I	Dr	Another similar well has more water.
SE	34	18	2			B		2550	70	14						H	Dr	
13	13	18	3	Durr	1926	B	24c	2560	60	52	60	<1			D,S	H	Bearpaw blue-grey sh	Quicksand below blue cl
13	13	18	3		1931	Dr	4c	2560	200	70	180-200	<1			S	H		Water at 160 ft. was cased off.
5	14	18	3	Durr	1929	B	24c	2560	64	59	64	G			D,S	H,A		
9	14	18	3	Durr	1916	B	24c	2560	70	30	70	<1			D,S	H		Blue & red cl above sd & gr; also has a shallow well for domestic purposes.
1	25	18	3			B	24c	2550	50	43		P			D	H		
4	35	18	3	Schultz	1942	B	24c	2600	50	8	14	<1			S	H	Dr	Water is slow seepage.
	7	18	5	Renbar		Dr	4 1/2c		1000	60		25						0-50 soil & brown cl, 50-100 blue cl & fine sd, 100-150 sandy cl & ss, 150-200 cl & sd, 200-250 ss & blue cl, 250-750 sh, 750-800 sandy sh, 800-850 ss, 850-900 sh & ss, 900-1000 sh; original depth to water was 4 ft.
13	25	18	10		1910	D	36c	2500	65	30	64-65	<1			S	H,So	Sandy sh	0-10 ?, 10-60 blue cl

SE	1	18	13			D		2465	12	11		VP				H	Dr	
3	27	18	13		1948	B	24c	2475	40	6	36					H	Dr	New well near stock pond needs pumping to get rid of seeping.
13	4	18	14			Dr	8c	2475	115			G			D	S	Carbonacious Pale Beds	
13	26	18	14	Grimm Alfalfa Co.	1930	Dr	4c	2475	200	46		G				So		36°F
NW	33	18	14			Dr		2475	115	12						S	Oldman	
SE	34	18	14			D	36c	2475	25			VG			S	H		
NW	36	18	14	Renbar	1961	Dr	10, 5 5/8		140			6	10.7	1440	D			0-? soil, ?-60 dark brown cl with boulders, 60-94 brown silty formation, 94-118 blue cl, 118-139 salt & pepper sd; casing was cemented in to shut off alkali water.
1	4	18	15			D	30c	2520	12	6	6	G			D	H		
9	25	18	15			Dr	6c	2480	170	60		>3			S	S	Oldman	
4	25	18	15		1948	D	36c	2470	30		5	>3				A	Dr	Water is unfit for consumption.
13	31	18	15			D	36c	2525	9		6	G			D	H	Dr	Well in basement is used for domestic purposes.
1	1	18	17		1948	D	24c	2465	12	11?	1.5?	VP				A		Water is salty.
3	1	18	18			D	48c	2480	35	10	30	G			D	S		Bottomed in black cl or sh; well is 8 ft. from a slough. Similar well has hard water.
4	5	18	19	Dial	1964	C	6		107	40	101-103	7	35 -35	30	S	H	Sd & small gr	0-50 cl, 50-101 blue cl, 101-103 sd & small gr, 103-107 blue cl
SW	10	18	19	Hendrickson Bros.	1963	Dr	6		92	31,61		8		1440	D	H		0-42 brown cl, 42-78 blue cl, 78-92 coarse sd & gr
4	14	18	19	Dial	1964	C	6,5		303	32	113-115	7	25 -25	60	S	H	Sd	0-30 cl, 30-40 cl, gr & boulders, 40-50 cl, 50-113 blue cl, 113-115 sd, 115-135 blue cl, 135-303 dark sh, Bearpaw
NE	15	18	19	Hendrickson Bros.	1964	Dr			288			P						0-64 brown cl, 64-109 blue cl, 109-288 sh
15	18	18	19	Dial	1964	C	6,5		280	45	180-182, 260-261	3	125		S	S	Rock, sd	0-40 brown cl, 40-180 blue cl, 180-182 sd, 182-188 cl, 188-198 sandy cl, 198-210 brown cl, 210-220 sd, gr & cl, 220-240 yellow cl, 240-254 blue cl, 254-260 sh, 260-261 rock, 261-280 dark sh
13	6	18	20	M. & M.	1964	Dr	4 3/4		140	85	118	4	33 -33	5? 2?	S			0-60 brown cl, 60-90 blue sh, 90-118 sh, 118-120 hard rock, 120-140 blue sh
NE	10	18	20		1961	R		3008	150									0-15 buff surface till, 15-35 till – lost circulation, no samples, 35-121 dark grey glacial lake deposits, 121-123 sh, 123-131 light grey salt & pepper bentonitic siltstone, 131-132 coal, 132-134 sh, 134-135.5 coal, 135.5-138 sh, 138-139 coal, 139-150 light grey sh (RCA-C)
4	19	18	20	M. & M.	1964	Dr	4 3/4		110	20	98	8	80 -80	300? 20?	S	S		0-40 brown cl & boulders, 40-80 blue cl, 80-85 quicksand, 85-95 sh, 95-100 blue sh with rock ledge, 100-110 blue sh & ss ledges
NE	19	18	20		1961	R		3179	105									0-40 buff surface till, 40-65 light grey bentonitic sh, 65-66 coal, 66-71 light grey silty sh, 71-75 silty sh, 75-81 light grey salt & pepper ss, 81-87 light grey siltstone, 87-89 coal, 89-105 sh with siltstone & coal stringers (RCA-C)

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
NE	32	18	20		1961	R		3040	150									0-43 buff surface till, 43-57 light grey salt & pepper siltstone, 57-64 dark brown bentonitic sh, 64-77 light grey salt & pepper siltstone, 77-78 coal, 78-83 dark brown silty sh, 83-86 light grey salt & pepper bentonitic siltstone, 86-121 dark brown & light grey bentonitic sh, 121-122 coal, 122-150 light grey silty bentonitic sh (RCA-C)
NE	34	18	20		1961	R		2955	150									0-25 buff surface till, 25-86 dark grey glacial lake deposits, 86-88 dark brown silty sh, 88-89 coal, 89-110 sh, 110-112.5 coal, 112.5-121 sh, 121-128 coal stringers & brown coaly sh, 128-136 sh, 136-137 coal, 137-138 sh, 138-140 coal, 140-150 sh with thin coal stringers (RCA-C)
NE	36	18	20		1961	R		2960	150									0-20 buff surface till, 20-78 dark grey glacial lake deposit, 78-90 glacial gr, 90-141 dark grey glacial lake deposit, 141-142 coal, 142-150 brown silty sh with thin coal stringers (RCA-C)
15?	22	18	21	Hendrickson Bros	1964	Dr	4 1/2, 3 1/2, 3c		120	93	110	16		120		S		0-15 cl, 15-81 soft ss, 81-87 cl, 87-120 sh
NE	32	18	21		1961	R		3033	150									0-50 surface till, 50-55 no samples – lost circulation, 55-98 dark grey glacial lake deposits, 98-100 coal, 100-107 dark grey bentonitic sh, 107-110 light grey bentonitic silt, 110-150 dark grey bentonitic silty sh (RCA-C)
	36	18	21	Helevang	1923	B	18c		100	70	90	G			D,S	H		
NE	36	18	21		1961	R		3167	150									0-25 buff till, 25-66 light grey silty sh, 66-68 light grey salt & pepper bentonitic siltstone with coal stringers, 68-90 dark brown silty sh, 90-91 coal, 91-95 dark brown silty sh, 95-98 light grey salt & pepper siltstone, 98-150 light grey to dark silty sh with siltstone stringers (RCA-C)
SW	1	18	22	C. Anderson		Dr	5c		70?			2			D,S			0-60 cl & sd, 60-70 ss & coal
SE	14	18	22	C. Anderson		Dr	5 3/8c		100			6						0-80 cl & boulders, 80-100 gr
4	19	18	22	C. Anderson	1964-65	Dr	5 1/2c		90	35	85-90	3		180	D	MH		0-40 cl, 40-90 sd
SW	30	18	22	C. Anderson		Dr	6		200	170	185-187	7		120	D	MH		0-183 cl & boulders, 183-200 sh
NW	35	18	22	C. Anderson	1964	Dr	5 1/2c		52		50-52	10		180	D	MH	Gr & coal	0-50 cl & boulders, 50-52 gr & coal
	4	18	23			Dr		3257	80	F					I			0-70 cl & boulders, 70-80 sh; flowing shot hole. Mud is highly bentonitic.
SW	5	18	23			Dr				147?	162							
	10	18	23			S												
	10	18	23			Dr		3230	60	F					I			0-40 cl & boulders, 40-60 sh; flowing shot hole.

SE	10	18	23	C. Anderson		Dr	5 1/2		40	F		G			S	H		0-34 sandy cl, 34-40 gr
SE	10	18	23	C. Anderson	1959	Dr	5 1/2		30	F		G			S	H		0-28 sandy cl, 28-30 gr
NE	14	18	23	C. Anderson	1964	Dr	5 3/8c		96	F	95	15	6	180	D			0-8 cl, 8-20 gr, 20-92 blue cl & boulders, 92-94 ss
4	21	18	23	C. Anderson	1965	C	5 1/2, 4 1/2c		160	125	148-150	6		240	D	MH		0-70 cl, 70-80 ss, 80-160 sh
	22	18	23			Dr		3235	70	F					I			0-60 cl & boulders, 60-70 sh & ss; flowing shot hole.
	23	18	23			Dr		3320	60	F					I			0-40 cl & boulders, 40-60 sh; flowing shot hole.
	23	18	23			Dr		3247	80	F					I			0-40 cl & boulders, 40-80 sh & ss; flowing shot hole.
	23	18	23			Dr		3380	68	F					I			0-40 cl & boulders, 40-68 ss; flowing shot hole.
SW	25	18	23	Dial	1961	Dr	6		100	40	94-95	10	15	180	S	H	Gr	0-94 cl, 94-95 gr, 95-100 cl
11	31	18	23	C. Anderson	1964	Dr	5 1/2c		60	42	54-58	10		120	D	H		0-43 cl & sd, 43-60 brown ss
SW	11	18	24	C. Anderson	1963	Dr	5 1/2c		40	8	35-37	30		120	S			0-15 cl & sd, 15-40 brown ss
13	17	18	24	DeForas	1958	Dr	3 1/2c		154		80-154	5		60		S		
NW	24	18	24	C. Anderson	1958	Dr	6		38	20	28	20		1	S			0-12 cl, 12-38 ss
NE	26	18	24	C. Anderson	1958	Dr	6		256			2		120	D	S, Su		0-16 cl, 16-60 ss, 60-256 sh
NE	34	18	24	C. Anderson	1961	Dr	5 1/2		40	11	32-33	8		120	D	H		0-4 cl, 4-32 sd & cl, 32-35 gr, 35-40 cl
1	36	18	24	C. Anderson	1962	Dr	5 1/2, 4 1/2c		110	88	98-100	8			D	S		0-40 cl, 40-110 sh
4	3	18	25	C. Anderson	1960	Dr	5 1/2c		120	100		6		120	D	MH		0-20 cl & boulders, 20-96 ss, 96-100 sh, 100-120 ss
3	7	18	25	C. Anderson	1959	Dr	5 1/2c		121	F	119-121	12			D		Gr	0-119 cl & boulders, 119-121 gr
16	10	18	25	C. Anderson	1963	Dr	5 1/2c		52		40-42	6		120	I			0-30 cl & boulders, 30-52 ss
	14	18	25			Dr		3350	60	F					I			0-30 cl & boulders, 30-60 sh; flowing shot hole.
13	14	18	25	C. Anderson	1964	C	5 1/2, 4 1/2c		108		106-108	8		240	D	MH		0-75 cl & sd, 75-85 ss, 85-108 sh
	15	18	25	DeForas	1960	Dr	5 3/8		152	80	142	2	50	1440	D, S	S, Su		152 br; bottomed in sh.
	23	18	25			Dr		3381	60	F					I			0-40 cl & boulders, 40-60 sh & ss; flowing shot hole.
	24	18	25			Dr		3378	60	F					I			0-40 cl & boulders, 40-60 sh & ss; flowing shot hole.
	24	18	25			Dr		3382	50	F					I			0-25 cl & boulder, 25-50 sh & ss; flowing shot hole.
	26	18	25			Dr		3376	60	F					I			0-45 cl & boulders, 45-60 sh; flowing shot hole.
SW	29	18	25	C. Anderson	1958	Dr	5 1/2c		125	F		G						70-125 cl & sd; well was deepened from 70 to 125 ft.
NW	32	18	25	McNivon Bros.	1958	Dr	4 1/2		34	20	26	1	10 -10	5 5	S	H, I		0-1 topsoil, 1-12 cl, 12-24 ss, 24-26 ?, 26-38 cl
4	33	18	25	C. Anderson	1960	Dr	6		120	30	84	6		180	D	MH		0-20 cl, 20-30 brown ss, 30-83 grey ss, 83-120 sh
SW	10	18	26	C. Anderson	1959	Dr	6		85	20	75	3		2	D	MH		0-40 cl, 40-80 ss, 80-85 sh
SE	15	18	26	C. Anderson	1959	Dr	5 3/8c		75	2	74	18		60	D	MH		0-60 cl & boulders, 60-61 sd, 61-75 sh
	16	18	26	C. Anderson	1960	Dr	6		90	5	83	3		120	D	MH		0-50 cl, 50-70 sd, 70-75 broken ss, 75-90 sh
	16	18	26	C. Anderson	1959	Dr	5 1/2, 4 1/2c		80	74		2		60	D	S		0-50 sandy cl, 50-80 ?
	16	18	26	C. Anderson		Dr	5 1/2c		90	9	78-80	6		120	D	MH		0-68 cl & sd, 68-90 sh
	16	18	26	C. Anderson	1958	Dr	6		70	20	70	3				MH		50 br
	16	18	26	C. Anderson	1959	Dr	6		66	20	65	2		120	D	S		0-30 ?, 30-60 ss

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
	16	18	26	C. Anderson	1960	Dr	6		105	6		3		90	I	MH		0-50 cl & boulders, 50-105 sh
	16	18	26	C. Anderson	1959	Dr	6		107	6	100-107	3		120	D			0-70 cl & boulders, 70-90 ss, 90-107 sh
SE	16	18	26	Dial		Dr	6,5		120	6	65-70, 95-110	4			D	S	Hard sh & ss	0-15 cl, 15-25 cl & sd, 25-50 blue cl & boulders, 50-54 soft dark sh, 54-60 blue sh, 60-70 hard sh & ss, 70-95 sh, 95-110 hard sh & ss
4	36	18	26	C. Anderson	1964	Dr	5 1/2c		82	3	74-76	3		180	D	MH	Sd & gr	0-74 cl & boulders, 74-76 sd & gr, 76-82 loose sd
NE	25	18	27	DeForas	1964	Dr	5 3/8		87	26	26	30	0	120?	D,S	S		59 br
5	35	18	27	DeForas	1959	Dr	5 3/8		138	8	124-132	12	70	60	D	S		37-42 gr, 42 br, bottomed in ss
11	35	18	27	C. Anderson		Dr	5 1/2c		110	F		12						0-95 cl, 95-110 gr
	6	18	28	DeForas	1960	Dr	5 3/8		133	14	125-133	2.5	119		D	S		50 br, bottomed in sh
4	7	18	28	DeForas	1959	C	5 3/8c		186	14	176-186	50	30		S			186 br, bottomed in ss
NW	15	18	28	DeForas	1958	Dr						<1						Well is abandoned.
NW	15	18	28	DeForas	1964	Dr	5 3/8		119	12		3	107	120?	S	MH		
NW	15	18	28	DeForas	1958	Dr	6		122	28	80-90	2				S		
11	19	18	28	DeForas	1964	Dr	5 3/8		163	56		2.5		120?	D	S		
NW	22	18	28	DeForas	1960	Dr	7		66	18	55-66		32	60	S	H		50 br, bottomed in sh
4	24	18	28	DeForas	1961	Dr	5 3/8		203	48	110-190	1	132	2?				
	28	18	28	DeForas	1960	Dr	5 3/8		184	120					D			62 br, bottomed in sh; well is abandoned.
13	28	18	28	DeForas	1959	C	5		290	30	106-208	<1			S	S		50 br, bottomed in sh; well is abandoned.
SW	34	18	28	DeForas	1960	Dr	5 5/8		84									Bottomed in sh; well is abandoned.
4	34	18	28	DeForas	1961	Dr	5, 4 1/2c		152	24	152	1			D	S		40 br, bottomed in sh; drilled 225 ft. well yields .5 gpm — now abandoned.
SW	14	18	29	DeForas	1962	Dr	5 3/8		131	12	46-55, 118-122	17	80		S	S	Blue ss	12 br, 118-122 blue ss
E1/2	23	18	29			Dr	5 5/8c		159	50	150	<1	20	120	D,S	H		80-115 ss, 150-159 soapstone or sh
W1/2	23	18	29		1917	Dr	5 5/8c		207	20	20, 110, 190	VG			D,S	S		20-90 ss, 190-207 soapstone
SW	32	18	29			D			13		10				D	S		10-13 gr
14	34	18	29	DeForas	1961	Dr	5 1/2		67	12	62-67	8	45	120?	D,S	S		
3	3	19	1	Pesky	1948	B	24c	2520	60	32		<1			S	H,A	Dr	
3	4	19	1	Herman	1948	Dr	4c	2545	245	145		3					Oldman	
4	5	19	1		1932	B	36c	2550		10		.5			D,S	S	Dr	
S	6	19	1	Puturelf	1945	B	24c	2560	60	44	58					H	Dr	
SE	14	19	1		1943	B	24c	2460	26	13	26	<1			S,Ir	H	Dr	
16	14	19	1	Paski	1935	B	24c	2455	42	39	40-42	<1			D	H	Dr	Well 100 yds. away is dry and log reads: 0-40 dr, 40-120 blue cl, 120-128 sandy sh
16	22	19	1	Filbert	1945	B	24c	2420	88	36	83-88	1			S	H,I	Bearpaw sandy sh	
13	24	19	1	Howard	1917	B	24c	2455	112	60		3			S	H	Pale Beds sandy sh	Blue cl above sandy sh
4	25	19	1	Lippert	1942	B	24c	2450	29	13	29	G			D,S	S	Dr	

9	35	19	1		1943	D	36c	2400	25	17	25	<1			D,S	H	Dr	Owner has similar well with more water.
14	36	19	1	Filbert	1942	B	24c	2400	60	35	60	<1			S	H,I	Bearpaw sh	
4	36	19	1	Lippert	1941	B	24c	2390	26	18	16-26	<1			D,S	H	Bearpaw sh	
14	19	19	2	Schaeffer	1914	B	24c	2650	108	50		>2			D,S	H,A		
13	29	19	2		1942	Dr			24	8								
9	2	19	3		1941	D	48c	2600	11	8		G			D,S	H,A	Dr	
3	2	19	5	Renbar	1961	R			220	30	154-220	9	5	24?				0-15 sd, 15-40 sandy grey cl, 40-55 grey cl, 55-105 blue cl, 105-154 grey cl, 154-180 very fine sd, 180-200 medium sd, 200-220 sandy blue cl
2	31	19	8		1918	D	36c	2470	50	25	46-50	<1				H		
15	7	19	9	Hoveland	1929	Dr	6c	2500	300			G			S	S,So	Pale Beds sd	
9	8	19	9	Hoveland	1933	Dr	3c	2550	245	70	244	1.5			S	S,So	Oldman	60 coal, thin sh seam above coal, 160 ss, 160-240 sh
SE	10	19	9		1930	Dr	3c	2520	250	100		1.5			D,S	So	Oldman	
11?	11	19	9	Foremost	1951	Dr	2c		571	F		G			D,S	S	Lower Milk River ss	
13	16	19	9	Hoveland	1930	Dr	3c	2530	235	75	160,200	G			S	S,So	Pale Beds ss	
13	17	19	9			Dr	3c	2530	260			3			S	S,So	Oldman	
NW	22	19	9	Big Indian	1957	Dr	4c		110									0-10 cl & rock, 10-12 gr, 12-40 cl & rock, 40-43 gr, 43-73 cl & rock, 73-110 sh & ss
16	22	19	9	Hoveland	1944	Dr	3c	2480	400						D,S	S		There was a good supply of water above hard ss but this disappeared when ss was penetrated.
12	22	19	9	Hoveland	1944	Dr	3c	2480	400	130	90,400	P				S,So	Pale Beds ss	
15	27	19	9		1925	Dr	3c	2470	170	75		1.5			D,S	So	Oldman	
13	31	19	9	Hoveland	1944	Dr	3c	2600	150	90		P			S	H	Oldman	Well is plugged back to 150 ft; it was originally 440 ft. deep.
2	35	19	9	Hoveland	1929	Dr	3c	2450	300	140		3			D,S	So	Oldman	Water at 217 ft. in black sd; there is blue cl most of the way down.
1	10	19	10	Hoveland	1933	Dr	3c	2500	300	40	160,300	VG			D,S	H	Pale Beds ss	60 coal
8	12	19	10	Hoveland	1930	Dr	3c	2510	400			1.5			S	S,So	Pale Beds ss	
	24	19	10			D	36c	2510	15	10		G			D	S	Dr	
12	25	19	10	Hoveland	1943	Dr	3c	2575	400	200		1.5			D,S	S,So	Ss	
	25	19	10	Gunderson	1951	Dr	3c		100		75-90	5			S	S	Oldman	75-90 Oldman
9	31	19	10	Vuner	1948	Dr	6c	2510	285	50	200-205				N		Oldman	0-24 sh, 24-30 coal, 30-130 harder, 130-200 black ss, 200-240 ss, 240-280 hard ss
12	17	19	13		1931	D		2470	92	D							Oldman	
13	1	19	14			Dr	6c	2460	150			1.5			S	S,So	Oldman	
13	4	19	14		1945	Dr	6c	2480	100	40	60	<1			N	H	Bearpaw sh	0-59 dr, 59-60 gr, 60 grey sh
16	4	19	14	Green	1948	B	24c	2475	30	14	20,28	<1			D,S	H	Glacial dr	Well is 200 yds. from an irrigation ditch.
2	6	19	14		1944	D		2525	28	20	11	<1			S	H,A	Dr	Water level falls in winter.
SE	6	19	14		1917	B	24c		81	38								0-16 fine sandy cl (dry), 16-20 fine, sharp grey sd (dry), 20-27 sandy cl (moist), 27-38 blue cl (wet), 38-42 blue cl with bits of coal, 42-60 gumbo (slightly moist), 60-63 brown hardpan, 63-68 grey sh, 68-81 grey sh got so hard that drill would not penetrate beyond 81 ft.
9	8	19	14	Big Indian	1958	Dr	6 5/8, 4 1/2c		140	41	90-100, 128-140	4	84 -84	240 60	D,I	MH	Sd	0-43 sd & till, 43-64 blue cl, 64-90 soft ?, 90-100 sd, 100-115 sandy sh, 115-128 sh, 128-140 sd

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results Yield or test rate (gpm)	Drawdown or recovery (ft.)	Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
SW	9	19	14	Renbar	1961	Dr	5 5/8		190	84		11	9	720	S			0-? soil, ?-46 brown cl with gr & boulders, 46-156 sandy blue cl, 156-180 salt & pepper sd, 180-190 blue cl
9	10	19	14	Green	1938	B	24c	2500	60	10-12		<1			S	H,A	Oldman	
16	12	19	14		1914	Dr	6c	2475	160	80		<1			D,S	H,A	Bearpaw	Well is not used now.
13	13	19	14	Green	1941	B	24c	2465	65	20	40	<1				H	Dr	0-40 cl, then sd (aquifer), then cl
14	14	19	14	Green	1938	B	24c	2500	24	10	24	<1			S	H,A	Glacial sd	Well is 150 ft. from an irrigation ditch.
4	15	19	14	Green	1947	B	36c	2490	68	6	35	1			S	H	Sd lense in sh	
NW	20	19	14		1941	D	36c	2470	22	18	18	<1			S	H	Glacial sd	
2	22	19	14		1942	D	42c	2490	35	10		P				H,A	Bearpaw (cl?)	A well 20 ft. from this one is in sd and is filling in so is not used.
2	23	19	14	Green	1948	B	24c	2470	23	8	22.5	G			D,S	H	Dr	There is sh above sd.
1	29	19	14		1937	D	24c	2475	30	10		<1			D	H	Dr (sd)	There is blue cl above quicksand. Owner has another similar well.
16	32	19	14			D	48c	2480	12	9	10	<1			S	H,A	Dr	
1	33	19	14		1945	D	42c	2495	24	9-15	24	<1			S	H,So	Dr	Well is 75 ft. from an irrigation canal.
16	33	19	14	Green	1947	B	24c	2460	40	8	18	1			S	H	Bearpaw (sd?)	Driller passed 3 aquifers. Well is not used because it keeps filling in.
16	1	19	15			Dr	6c	2540	160	140		<1			S	So	Oldman	
8	1	19	15		1948	D	42c	2495	27		6	P			S	H	Dr	Well is dry in winter and until seepage comes. There is no definite water-producing horizon.
1	4	19	15			D	30c	2520	12	6						H		
16	6	19	15		1935	D	36c	2525	20	16		G			D	H		
14	7	19	15		1930	D	48c	2530	14	7	10	<1			D,S	S	Dr	
2	8	19	15			D		2430	16	6	12	G			D,S	S	Glacial	
16	9	19	15		1943	Dr	2c	2440	70	10-20						H	Bearpaw sh	Water is yellowish and unfit for use.
1	30	19	15		1932	D	30c	2530	9	3	9	<1				A	Glacial	Well is 300 ft. from slough and water is unfit for use. Owner has similar well.
SW	8	19	19	McAuley	1961	Dr	5		400	60	130-145	2	75 -75	90 30	S		Silt & silty quicksand	0-70 sandy brown cl & rock, 70-130 silty grey cl, 130-145 silt & silty quicksand, 145-265 silty grey cl, 265-400 hard grey sh
NE	19	19	19		1961	R		3112	150									0-64 buff to dark grey till, 64-71 brown bentonitic sh, 71-75 dark grey silty bentonitic sh, 75-79 light grey salt & pepper siltstone, 79-86 light grey bentonitic sh, 86-89.5 light grey salt & pepper well-cemented siltstone, 89.5-92.5 brown sh, 92.5-93 coal, 93-99.5 brown sh, 99.5-100.5 coal, 100.5-105 chocolate brown bentonitic sh, 105-118 silty sh, 118-150 dark grey sh (RCA-C)
NW	22	19	19	Dial		Dr	6,5		200	50	100-185	10	150	30	D,S	S		0-155 cl & sd, 155-180 sh, 180-190 ss, 190-200 sh; another well 300 ft. deep, 225 ft. away produces water at 3/4 gpm.

NW	22	19	19	Dial		Dr	6,5		240	75	190-200, 210-220	6	165		D	S		0-165 sd & cl, 165-200 soft ss, 200-225 dark sh, 225-230 soft ss, 230-235 hard ss & rock, 235-240 sh
SE	22	19	19	Dial	1958	Dr	6,5		250	110	150-160	<1						0-130 cl & sd, 130-250 sh; well is abandoned.
NE	23	19	19	C. Anderson	1959	Dr	5 3/8		190	D								0-110 cl, 110-190 sh
SW	26	19	19	C. Anderson		Dr												0-60 sd & cl, 60-110 coal & sd, 110-? blue cl
6	26	19	19	C. Anderson	1965	C	5 1/2c		94	35	94-95	6		240	D	H		0-50 cl, 50-55 sd, 55-92 silt, 92-95 gr
NW	4	19	20		1908	Dr	6c		100	F		VG			D,S			100 rock
	5	19	20	C. Anderson	1929	Dr	5 1/2c		110	F		6			D,S			0-20 cl, 20-90 sd & cl, 90-110 sh
NE	8	19	20		1961	R		3094	105									0-47 buff surface till, 47-52.5 brown sh, 52-5-53.5 weathered coal, 53.5-60 dark grey sh, 60-69 light grey salt & pepper ss, 69-90 light grey & brown sh with coal stringers, 90-105 light grey to dark brown bentonitic sh (RCA-C)
SE	14	19	20	C. Anderson		Dr	5 1/2c		140	D								0-140 cl & boulders
	31	19	20	Beagrie		Dr	6 5/8c		127		117-127	6.5					Ss	0-20 yellow cl, 20-80 sd, 80-117 sh, 117-127 ss
NW	35	19	20	Dial	1960	Dr	6		110	72	100-105	10	0	30	D	H	Ss	0-50 cl & sd, 50-85 blue cl, 85-86 soft ss (some water), 86-100 cl, 100-105 ss, 105-110 cl
	1	19	21	C. Anderson		Dr	5 1/2, 4c		210			3						0-100 cl & boulders, 100-210 sh
4	7	19	21	M. & M.	1965	R	4 1/2		195	12	185	10	100 -100	10 30	D	S		0-5 brown cl, 5-22 sd, 22-27 gr (hard water), 27-90 soft blue cl, 90-105 quicksand, 105-150 blue cl, 155-185 sh, 185-190 coal, 190-195 sh
NE	11	19	21	C. Anderson	1959	Dr	5 3/8, 4c		260			1		240	D	S,Su		0-160 cl, 160-240 ss, 240-241 coal, 241-260 sh
NE	11	19	21	C. Anderson	1958	Dr	6		255									0-145 cl, 145-255 sh; supply is too muddy to be used.
NE	12	19	21		1961	R		3225	105									0-22 buff surface till, 22-30 grey silty sh, 30-32 siltstone, 32-34 brown bentonitic sh, 34-36 siltstone, 36-44 brown bentonitic sh, 44-45 buff salt & pepper ss, 45-64 light buff bentonitic sh, 64-64.75 weathered coal, 64.75-73 brown bentonitic sh, 73-73.75 coal, 73.75-78 sh, 78-79 coal, 79-96 light grey bentonitic sh, 96-96.5 coal, 96.5-105 light grey bentonitic sh (RCA-C)
NE	12	19	21	C. Anderson		Dr			240	D								0-80 cl, 80-81 coal, 81-140 sh, 140-200 ss, 200-240 sh
12	14	19	21	C. Anderson	1961	Dr	5 3/8c		86	66	79-80	8			D	MH		0-45 cl, 45-79 sd & gr, 79-86 ss
NE	21	19	21		1961	R		2906	105									0-45 buff surface till, 40-44 light grey silty sh, 44-48 coaly sh, 48-52 weathered coal & light grey silty sh, 52-70 dark brown coaly sh with coal stringers, 70-71.5 coal, 71.5-80 brown coaly sh, 80-95 lost circulation, 95-105 light grey bentonitic sh (RCA-C)
NE	23	19	21		1961	R		3092	105									0-30 buff surface till, 30-54 light grey to buff silty bentonitic sh, 54-57 coal (2 ft.) & coaly sh, 57-65 buff sh, 65-67.5 coal & coaly sh, 67.5-105 brown to dark grey sh (RCA-C)
SW	34	19	21	C. Anderson	1958	Dr	6		93	40	90	10		120	D	S,Su		0-3 cl, 3-5 ?, 5-75 sd & cl, 75-90 sh, 90-93 coal

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
13	24	19	22	Dial	1962	C	6		60	15	57-59	10	15	10	D	H	Coarse sd, fine gr	0-40 brown cl, 40-57 blue cl, 57-59 coarse sd & fine gr, 59-60 cl
16?	7	19	23	C. Anderson	1965	C	5 1/2, 4 1/2c		80	65	75-76	10		240	D	MH		0-40 cl, 40-50 ss, 50-80 sh
1	28	19	23	C. Anderson	1961	Dr	5 1/2		135	100	125	6		120	D	MH		0-20 cl, 20-75 sd & gr, 75-135 ss
SE	4	19	24	C. Anderson	1959	Dr	6		75	35	73	10		180	D	MH		0-70 cl & boulders, 70-75 ss
16	10	19	24	C. Anderson		C	5 1/2c		80		72-73	12		120		MH		0-20 cl & boulders, 20-80 ss
SE	13	19	24	C. Anderson	1957	Dr	5 3/8c		100	F		6						0-65 cl & boulders, 65-100 sh
NE	3	19	25	Dial	1957	Dr	6,5		130	85	110-120	20	0	60	D	S,A	Ss	0-60 ?, 60-110 sh, 110-120 ss, 120-130 sh
NW	16	19	25	C. Anderson	1958	Dr	6		80		60-78				D			0-60 cl, 60-61 gr, 61-78 cl, 78-80 ss
11	17	19	25	DeForas	1961	Dr	5		196	60	62-162	12	<1		D,S			50 br; bottomed in sh. Water at 62 ft. is hard and at 162 ft. is soft.
	20	19	25	C. Anderson	1960	Dr	6		108	104		6		240	D	MH		0-80 cl, 80-85 sd, 85-104 cl, 104-108 sd & gr
	20	19	25	C. Anderson	1962	Dr	5 3/8c		108	30	106-108	6		180	D	MH		0-23 topsoil & boulders, 23-24 gr, 24-45 cl, 45-50 sd, 50-80 blue cl, 80-100 fine sd, 100-108 gr & coal
	20	19	25	Dial		Dr	7,6		307	35	155-200, 298-300	10	215	60	D	S	Coarse gr, soapstone	0-120 cl, 120-125 sd & fine gr, 125-155 blue cl, 155-200 coarse gr, 200-207 cl, 207-298 sh, 298-300 soapstone, 300-304 soapstone & sh
SW	29	19	25	Dial	1958	Dr	7,6		316	35	305-310	10	200	30	D	I		
NE	32	19	25	Dial	1960	Dr	6		250	72	235-240	10	30	15	D	H		0-45 cl, 45-60 sd, 60-75 cl, 75-80 coarse sd, 80-90 cl, 90-95 fine sd, 95-115 sandy cl, 115-205 blue cl, 205-210 soft ss with a little gr, 210-220 hard cl, 220-230 sh, 230-250 hard & soft ss
NE	26	19	26	Gerritsen	1965	R	4 1/2		110	27	85-90						Blue ss	0-30 brown cl & boulders, 30-43 blue cl, 43-44 rock, 44-56 blue sh, 56-60 ss, 60-62 blue sh, 62-67 ss, 67-85 blue sh, 85-90 blue ss, 90-110 blue sh
	32	19	26	DeForas	1960	Dr			80	8	70-75	16	40	60	D	H		52 br, bottomed in ss
NW	4	19	27	DeForas	1961	Dr	5 3/8		69		68	6	0		S	H		
13	6	19	27	DeForas	1959	Dr	5 3/8		41	F		<1				H		Bottomed in gr
	7	19	27	DeForas	1960	Dr	5 1/8		46	F		8			D	H		Bottomed in gr
9	7	19	27	DeForas	1958	Dr	5 3/8		55	F	55	6			S	H		
	7	19	27			Dr			90	F								0-15 brown cl & boulders, 15-65 blue cl & boulders, 65-90 gr; flowing shot hole.
	7	19	27			Dr			100	F								0-15 brown cl & boulders, 15-40 blue cl & boulders, 40-60 gr, 60-100 sh; flowing shot hole.
8	7	19	27	DeForas	1958	Dr	5		54	F	54	2			D			
NE	8	19	27	DeForas	1961	Dr	5		50	F		8						40 br
	8	19	27			Dr			70	F								0-15 brown cl & boulders, 15-60 black cl & boulders, 60-70 gr; flowing shot hole.

	13	19	27	Gerritsen	1964	Dr		210								0-34 brown cl, 34-60 blue cl, 60-86 sh, 86-91 ss, 91-121 sh, 121-140 ss, 140-172 sh, 172-178 ss, 178-194 sh, 194-196 ss, 196-210 sh
	13	19	27	Gerritsen	1964	Dr		200		181						0-26 brown cl, 26-28 blue cl, 28-30 blue ss, 30-74 blue cl & sh, 74-75 blue ss, 75-98 blue cl with sh, 98-99 coal, 99-108 cl & sh, 108-110 soft ss, 110-114 blue cl, 114-116 soft ss, 116-179 sh & cl, 179-185 ss, 185-187 cl, 187-191 rock, 191-200 cl
9	18	19	27	DeForas	1961	Dr		86	F		1			S		87 br
	20	19	27	Wirchenko	1962	Dr		80	35	70-80	80?	0	30	S	H	Quicksand 0-20 dirt & gr, 20-50 cl, 50-70 cl & ss, 70-80 quicksand
	22	19	27			Dr		150	F							0-20 brown cl & boulders, 20-130 black cl & boulders, 130-150 sd & gr; flowing shot hole.
	23	19	27	DeForas	1960	Dr	4 1/2	110	90		10	0	180	D,S	MH	Bottomed in gr
NW	30	19	27	DeForas	1964	Dr	5 3/8	150	36	146	7	75	120?	D	S	138 sh
	33	19	27			Dr		120	F							0-20 brown cl & boulders, 20-105 black cl & boulders, 105-120 sh & ss; flowing shot hole.
	33	19	27			Dr		120	F							0-20 brown cl & boulders, 20-120 black cl & boulders; flowing shot hole.
	33	19	27			Dr		160	F							0-25 brown cl & boulders, 25-130 black cl & boulders, 130-160 sh & ss; flowing shot hole.
	34	19	27			Dr		160	F							0-25 brown cl & boulders, 25-130 black cl & boulders, 130-160 sh & ss; flowing shot hole.
	2	19	28	DeForas	1959	Dr	5 3/8, 4 1/2c	156	23	70-156	3	133	60		H	
NE	6	19	28	Zenter	1960	Dr	5, 4 1/2	98	8	64-68	10	64 -66	6 10	I		0-29 sd & gr, 29-98 sh & ss
NW	6	19	28	Zenter	1960	Dr	5, 4 1/2	58	8	54-57	4	48 -48	30 10	I	S	0-30 sd & gr, 30-58 sh & ss
13	6	19	28	DeForas	1959	C	5 3/8	24	8	20-24	20	0	1440?	D	MH	Bottomed in gr
NW	9	19	28	DeForas	1962	Dr	5 3/8	186	22	103-176	2	164	120?	D,S	S	70 br; bottomed in sh.
4	10	19	28	DeForas	1965	C	5 1/2	171	42	136-161	7	70	120	D,S	S	118 br; bottomed in sh.
	12	19	28	DeForas	1958	Dr	5 3/8	50	F	50	2					
	13	19	28	DeForas	1960	Dr	5 3/8	124	7		4	117	60	D	S	88 br; bottomed in ss.
SE	13	19	28	DeForas	1960	Dr	5 3/8	60	5	58-60	20	20	60	D		Bottomed in gr.
	13	19	28			Dr		70	F							0-15 brown cl & boulders, 15-55 black cl & boulders, 55-70 gr; flowing shot hole.
	13	19	28			Dr		120	F							0-20 brown cl & boulders, 20-60 black cl & boulders, 60-80 gr, 80-120 sh & ss; flowing shot hole.
NE	13	19	28	DeForas	1958	Dr			F		2					
NE	14	19	28	DeForas	1962	Dr	6	191	28	109,183	2.5	163		D,S	S	80 br; bottomed in sh.
10	22	19	28	DeForas	1962	Dr	5 3/8	158	56	142-158	4	102		S		100 br; bottomed in sh.
SE	24	19	28		1918	Dr	5 5/8c	62	F	62	90			D,S	S	28 rock, 28-45 ss, 62 soapstone (sh)
1	24	19	28	DeForas	1959	Dr	5 3/8	130	2	118-124	12	100		D	S	108 br; bottomed in sh.
	25	19	28	Wirchenko	1962	Dr	6	115	30	50-115	70?	0	30		MH,I	0-100 clean out, 100-110 some rocks & sh, 110-112 rock, 112-115 ss
SE	1	19	29			D		20	12	12				D	S	12-20 gr & sd; water is seepage from subsidiary channel of the Highwood River.

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Yield or test rate (gpm)	Test results Drawdown or recovery (ft.)	Test results Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
E1/2	1	19	29	DeForas	1958	Dr	5 1/2c					G				MH		0-22 gr
	7	19	29	DeForas	1964	Dr	5		50	F	50	1			S	H		
NW	16	19	29	Star		Dr	6,5c		80	40		P			S			0-24 dark gumbo, 24-36 yellow cl, 36-37 gr, 37-80 blue sh; well was pumped dry.
NW	32	19	29	Thompson	1961	Dr	6		170	146	163	10	0	180	S			0-32 cl, 32-170 sh
	36	19	29	DeForas	1957	Dr	5 3/8		86	26	35-80	5		60	D	S		
16	8	20	1		1944	B	36c	2400	80	74		<1			S	H,A	Sd (dr)	
3	12	20	1	Pasdsy		B	36c	2385	42	14	42	G			D,S, Ir	H	Sd (dr)	
13	13	20	1	Schaeffer	1916	B	36c	2380	69	30		G			S	H		
SW	18	20	1	Hall	1963	Dr	10		65	28		240	16 -16	1440 300	I	S		0-24 brown sandy cl, 24-28 very coarse gr & boulders, 28-35 very coarse gr, 35-63 coarse sd, 63-65 ss
SW	18	20	1	Hall	1963	Dr	13 3/4		72	31.65	34-65	300	15.1 -14.75	1440 480	I	S		0-28 sandy brown cl, 28-35 coarse gr, 35-65 coarse sd, 65-70 Belly River sd, 70-72 ss
2	18	20	1	Hall	1963	Dr	14		70	27.9	57.3-65.0	380	14 -14	1440 480	I	S,A		0-24 sandy brown cl, 24-28 very coarse gr (no water), 28-52 very coarse gr, 52-60 coarse sd with some fine sd, 60-66 coarse sd with some fine gr, 66-68 Belly River sd, 68-70 sh
2	18	20	1	Hall	1963	Dr	14		65	30.6		300	15 -15	1440 480	I	S,A		0-24 sandy brown cl, 24-30 coarse gr, 30-63 coarse sd, 63-65 ss
4	23	20	1	Filbert	1942	B	26c	2420	90	50	80-90	<1				H,I	Pale Beds	
13	24	20	1	Filbert	1943	B	24c	2380	76	64	30, 70-76	<1			D,S	H,I	Sd (dr)	Sd below blue cl
2	27	20	1		1920	B	24c	2410	80	65	70	<1			S	H		
6	15	20	2		1923	D	52c	2340	60	50		<1			S	H,I	Sd	
14	19	20	2		1936	D	42c	2320	35			P			D,S	S	Sd	
9	20	20	2	McIntyre	1917	B	30c	2310	51	38	50	G			D,S	MH	Cl(dr)	
15	21	20	2		1915	D	42		35	18	35	<1			D,S	H	Cl(dr)	
6	25	20	2		1940	D	30c	2350	30	26		<1			D,S	H,I	Cl(dr)	Owner uses spring for stock and rain water for washing.
12	27	20	2		1913	D		2390	52	48		G			D,S	S	Dr	
6	34	20	2		1918	B	36c	2400	50	46		<1			D,S	H,I	Sd	
5	33	20	3	Lundverg	1958	Dr	10 3/4, 4 3/4		500	29		9			D			33 br, 60-70 grey sh, 70-90 light grey ss with sh stringers, 90-100 light brown ss & grey-brown sh, 100-110 grey sh, some fine ss, 110-120 dark grey sh, fine green ss, 120-130 dark grey sh, pyritic colored ss, 130-150 black sh, 150-500 black sh, fine ss stringers
11	28	20	7			Dr												728-755 Foremost Formation; total solids 2556, chlorides 399, carbonates 59, bicarbonates 100, sulfates 1126, calcium 32, magnesium 4, sodium 836 (RCA-G)

1	20	20	8	Hoveland		Dr	3c	2443	185	20	140	VG			S	H,A	Sd (Oldman)	
	34	20	8	Gunderson	1951	Dr	2 1/2c		270	45	245	5	140 -140		D,S	S		Bottomed in loose sd.
15	2	20	9	Haveland		Dr	3c	2460	180	60	160-162	VG			D,S	S,So	Pale Beds ss	120 br
4	3	20	9			B	6c	2535	29	25	27-29	VG			D	H	Sd (dr)	
2	4	20	9	Haveland		Dr	3c	2540	150	80		P			D,S	S	Pale Beds coal & sd	
SW	10	20	9			D	36c	2460	37	33					D,S	H	Sd (dr)	
12	18	20	9	Ayers	1911	Dr	5c	2570	80	32	78-80	VG			D,S	H	Pale Beds	Well is near slough.
4	20	20	9			D	48c	2620	12	8	10-12	<1				H	Sd (dr)	There is an oily scum in water.
14	21	20	9			S		2550				G			D			Spring is near a slough.
NW	22	20	9	Farrell	1915	Dr	6c	2400	160	40		3			D,S	S,So		
16	24	20	9	Haveland		Dr	3c	2440	200						D,S	S,So		
	25	20	9	Gunderson	1951	Dr	5,3c		260	30	245-260	3			S			Bottomed in loose sd (Oldman Formation).
9	28	20	9	Haveland	1929	Dr	3c	2500	240	36	200	VG				S,So	Pale Beds ss	
13	5	20	10		1929	D	36c	2540	29	24	20-22				D	S	Sd (dr)	Another well in pasture is 40 ft. deep. It is 30 ft. to Bearpaw, then 10 ft. of shale, then hard water from a coal seam.
13	9	20	10			D	36c	2540	38	20					S	H	Sd	
	10	20	10	Gunderson	1951	Dr	3 1/2c		80	40	72-78	4			S		Oldman	72-78 Oldman, bottomed in loose sd.
NW	13	20	10		1917	D	30c	2680	30	12		G			D,S	S	Sd (dr)	Well is 10 ft. from slough.
12	19	20	10	Farrell	1914	Dr	2 1/2c	2540	220	100		VG			D,S	S,So		
15	22	20	10		1944	D	36c	2640	40	38		P			S	H	Gr (dr)	38 br
4	23	20	10		1915	B?	30c	2600	52	34	52	<1			D,S	H	Dr	
16	23	20	10			D	48c	2650	20	16		G			D,S	H	Sd (dr)	Well is 50 ft. from slough and water rises and falls with slough level.
NW	24	20	10	Day		Dr	4c		100									0-48 cl, 48-82 sd & gr, 82-100 cl with rock
4	27	20	10		1920	D	60x36c	2625	37	13	34-37	>1			D,S	H,Su	Gr	Very hard grey cl above boulders; well is 25 ft. from a slough.
11	27	20	10		1918		24c	2590	100	80		<1			S	S,So	Oldman	Well is starting to cave in.
4	28	20	10	Haveland	1929	Dr	2 1/2c	2530	217	200		VG			D,S	S,So	Pale Beds ss	70-80 sh, 82 coal
NE	31	20	10	Haveland	1929	Dr	3c	2500	280	190	275-280	>3			D,S	S,So	Pale Beds ss	
9	33	20	10		1914	D	36c	2540	80	65	75-80	<1			D,S	H	Pale Beds ss & coal	
SE	34	20	10	Renbar	1960	Dr	5 5/8		330	95		15	10	24	D,S			0-330 brown cl with boulders, greyish soft cl, silty blue cl, sandy blue cl, very coarse sd
13	34	20	10	Mjolsness	1947	Dr	6c	2578	335		320				N	S	Pale Beds sd	
	34	20	10	Gunderson	1951	Dr	6 1/4c	2538	34	24	32-34	4			D,S		Birch Lake	32-34 Birch Lake
13	35	20	10		1945	Dr	3c	2563	320	150		VG			D	S,So	Pale Beds ss	Well is near slough.
1	8	20	12	Campbell		D	48c	2375	20	5		<1			S	A	Sd (dr)	20 blue sh
4	16	20	12	Gray		R			73	4	8	VG			D,S			0-10 sd, 10-38 cl & shattered ss, 38-73 sh
13	18	20	12		1944	D	48c	2390	16	10		<1			D,S	H,A	Glacial cl	
6	18	20	12			B	24c	2400	15	13		<1			D		Sd	Well is 100 ft. from slough.
9	19	20	12		1947	B	24c	2390	12	4		G			D	H	Sd (dr)	
13	19	20	12	Gray		R	30		31			G			D,S			0-11 sd, 11-19 brown cl, 19-31 blue cl
15	22	20	12	C.P.R.	1915	Dr	6c	2400	290	150					D,S	S,So	Oldman	Well is not used now.
16	27	20	12	Connors	1940	D	30c	2375	8	4	7-8	>1			D	S	Sd (dr)	Owner has another similar well.
9	29	20	12	Gray		R			16									0-2 sd, 2-13 cl, 13-15 black cl, 15-16 cl
4	30	20	12			D	36c	2390	18	4	12-14.5	<1			D,S	H	Quicksand (dr)	14.5 br, 28 coal?

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
13	3	20	13		1935	D	30c	2470	25	10	12	<1			D	MH	Sd (dr)	
14	12	20	13		1923	D	48c	2410	26	6	12&26	<1			S	H,A	Bearpaw	6 br; well level varies with irrigation levels.
16	12	20	13			D	36c	2390	8	5		<1			D	MH	Sd	8 br, bottomed in grey gumbo
4	17	20	13	C.P.R.	1919	Dr	6c	2375	265			G			N	So	Oldman	
6	20	20	13		1916	Dr	6c	2375	148	60	60				S	H,A	Pale Beds (sd)	Water was soft until 1960; well has a suspected alkali leak in the casing.
3	21	20	13		1930	D	48c	2380	13	7	12-13	<1			D	H	Cl (dr)	
15	22	20	13		1939	D	48c	2365	9	6	7.5-9	<1			D	H	Quicksand (dr)	
5	24	20	13			Dr	6c	2395	120	34		VG			D	S	Oldman	
4	26	20	13			D	48c	2385	15	10		G			S	H	Cl (dr)	
SE	27	20	13	Green	1947	B	24c	2375	20		17-20	<1			D,S	H	Quicksand	15 coal, black mud below coal
4	28	20	13			D	42c	2375	17	11		<1			D,S	MH		
	3	20	14	Green	1941	B	36c	2430	54	35	40-40.5	<1			S	H	Pale Beds (coal)	40 br
8	9	20	14		1940	D	30c	2475	35	8	8-35	<1			S	H	Sandy soil (dr)	Well is near an irrigation ditch. Water level is lower in winter.
6	11	20	14		1938	B	24c	2460	30	22					D	H,A	Dr	
13	12	20	14		1947	D	48c	2450	18	6	12				N	H,A	Cl (dr)	Water is unfit for use, stock won't drink it.
16	12	20	14	Green	1947	B	24c	2455	30	10		<1				H	Sd	Well is 50 ft. from ditch. Water was soft at first.
12	12	20	14		1938	D	48c	2480	16		6-16	P			S	H,A	Sd (dr)	Water is seepage; level rises and falls with irrigation.
9	12	20	14		1947	B	36c	2466	30	26	30					H	Pale Beds (coal)	30 br
16	13	20	14	Green		B	24c	2370	16	6	10	P			D,S	H,A	Cl (dr)	Water is seepage.
1	17	20	14		1920	Dr	6c	2480	100	40		VG			S	H,A	Oldman	Alkali may be due to leaky casing as other wells in the area at this depth show soda.
5	17	20	14	Anson		B	24c	2485	110	67.5	105				N		Cl	Water is unfit for use.
NW	20	20	14			D		2470	22	18		<1					Dr	
12	21	20	14			D	36c	2440	12			<1			S	H,A	Sd & black silt	Well is bottomed in brown slightly sandy sh.
13	21	20	14	Schaffer	1928	Dr	6c	2465	239	139		VG			D,S	S,So	Oldman	Well is near an irrigation ditch. Water has too much soda to be used for drinking water.
16	24	20	14	Palm	1925	B	24, 18c	2380	105	8	65-105				N	A	Oldman	10-65 blue cl, 65-105 ss with carbon-type material; there is slight seepage of gas and well has been abandoned since surface alkali water has seeped in.
4	26	20	14	Green	1944	B	24c	2540	53	26	53- 53.5	G				H,A	Glacial gr	Well is 165 ft. from a creek.
3	27	20	14			D	48c	2440	25	15		G				H	Dr	
13	27	20	14	Green	1947	B	30c	2450	40	10	30-36	G			S	H	Glacial gr	
2	28	20	14		1947	B	24c	2440	38	11					N	A	Gr	Tough blue mud at bottom
16	29	20	14		1937	D	42c		38	28	36				S	H	Sd	25 br; water was soft then turned hard.
9	32	20	14		1947	B	24c	2475	60	45		<1			D,S	A	Bearpaw	Well is 100 ft. from similar dug well 56 ft. deep with 48 in. casing; water from gr (dr) from 52 to 56 ft. rose to 32 ft.
NE	32	20	14			D		2475	56	31							Bearpaw	
13	33	20	14	Green	1945	B	24c	2475	30	8	29-30	<1			S	H,A	Sd (dr)	6-8 cl

NE	27	20	15	Meredith	1917	Dr	6c	2480	135	15	100	<1			S	H	Cl	Well is 200 ft. from an irrigation ditch.
4	35	20	15		1916	D	48c	2480	25		23-25	>1			S	H,A	Gr	0-4 sd, 4-17 brown sandy cl, 17-22 sd, 22-39
13	32	20	16	Gray		R			254									brown cl, 39-63 sh, 63-65 ss, 65-236 sh, 236-239 ss, 239-254 sh
4	15	20	17			D			12			G			D,S	H	Sd (dr)	
NE	20	20	19		1961	R		2987	225									0-5 gr, 5-52 buff surface till, 52-78 dark grey glacial lake deposits, 78-79 coal, 79-80 coaly sh, 80-81 coal, 81-83.5 sh, 83.5-85 coaly sh, 85-91.5 dark grey to brown coaly sh, 91.5-95 coal & coaly sh, 95-130 dark grey & brown bentonitic sh, 130-138.5 light grey salt & pepper siltstone, 138-152.5 light grey silty sh, 152.5-154.5 coaly sh, 154.5-172 dark grey silty sh, 172-173 coal, 173-179 dark grey silty sh, 179-180 coal, 180-191 light grey silty sh, 191-200 brown bentonitic sh, 200-225 light grey salt & pepper ss & sh (RCA-C)
NE	33	20	19		1961	R		2704	105									0-25 buff till with boulders & gr, 25-36.5 dark grey bentonitic sh, 36.5-40 coal, 40-40.75 light grey salt & pepper ss, 40.75-42 coal, 42-54 dark grey sandy sh, 54-59 dark grey bentonitic sh, 59-62.5 ss, 62.5-94 light to dark grey silty sh, 94-95.5 grey well-cemented siltstone, 95.5-105 silty sh (RCA-C)
13	9	20	20	C. Anderson	1959	C	6, 4 3/4		155	40	80-90	4		120	D		Gr	0-80 cl & boulders, 80-90 gr, 90-120 ss, 120-155 sh
SW	11	20	20		1958	Dr	4 3/4		130	90	117-125	1		120	D	MH		87-117 sh, 117-118 coal, 118-125 sh, 125-126 coal, 126-130 sh; well was deepened from 87 to 130 ft.
SW	11	20	20	C. Anderson	1958	Dr	5 1/2c		130	90	106-110	2		240	D	MH		0-85 cl, 85-90 sh & coal, 90-130 sh
NE	11	20	20		1961	R		3125	105									0-15 buff surface till, 20-33 dark grey glacial lake deposits, 30-33 light grey bentonitic sh, 33-35 ss, 35-40 light grey bentonitic sh, 40-50 light grey salt & pepper ss, 50-80 light grey to green & brown bentonitic sh, 80-82.5 coal, 82.5-105 light grey bentonitic sh (RCA-C)
NE	35	20	20		1961	R		2854	120									0-30 buff surface till, 30-51.5 brown & dark grey bentonitic sh, 51.5-61 light grey salt & pepper well-cemented ss, 61-79 light grey to green & brown (coaly) sh (bentonitic), 79-80 coal, 80-100 light grey & brown bentonitic sh, 100-102 brown coaly sh, 102-102.75 coal, 102.75-105 brown coaly sh, 105-106 coal, 106-111 brown coaly sh, 111-120 light grey well-cemented siltstone (RCA-C)
NW	1	20	21	Beagrie		Dr	6 5/8c		117		92-105				D		Ss	0-25 yellow cl, 25-92 sh, 92-105 ss, 105-117 sh
NW	9	20	21	Thompson		Dr	5 1/2		55		44	20	0	20				0-21 cl, 21-55 ss
13	9	20	21	M. & M.	1965	R	4 3/4		170	40	165-170	7	0	600?	D	S	Ss	0-35 sd, 35-36 sandy water, 36-47 brown cl, 47-73 blue cl, 73-140 harder blue cl, 140-160 sh, 160-165 coal seam & sandy water, 165-170 ss

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
13	5	20	23	C. Anderson	1965	C	5 1/2, 4 1/2c		113	78	100-103	10		180	D	MH		0-8 cl, 8-68 sd & gr, 68-113 ss
SE	7	20	23	C. Anderson	1958	Dr	6		46	30	44-46	12		60	S		Ss	0-44 cl & rock, 44-46 ss
12	11	20	23	Dial	1959	C	5 3/8, 4 1/2c		170	100	135-165	20	20 -20	30	D,S			0-33 cl, 33-65 gr, cl, & rocks, 65-75 cl, 75-85 blue cl, 85-135 sh, 135-170 soft & hard ss
16	17	20	23	C. Anderson	1963	Dr	5 1/2c		86		85-86	10		120				0-50 cl & boulders, 50-85 sd & gr
7	22	20	23	Dial	1959	Dr	6		85	50	80-85	10	10 -10	30	D	H	Gr & water sd	0-60 cl, 60-62 cl & gr, 62-80 yellow cl & gr, 80-85 gr & water sd
4	26	20	23	C. Anderson	1963	Dr	5 1/2c		22	F	20-22	30						0-4 sticky, 4-7 sd, 7-19 cl, 19-22 gr
12	26	20	23	Dial	1960	Dr	6,5		163	75	80-90, 122-124, 145-150	4	88		D	S	Sh & soft ss	0-25 cl & cobbles, 25-100 light brown sandy cl with soft ss layers, 100-110 blue cl, 110-120 sh, 120-124 hard sh & ss, 124-145 sh, 145-150 sh & soft ss, 150-163 sh
SE	31	20	23	Hall	1963	Dr	9 7/8		30	10.35	22-24.5	81.6	1	180		S	Shattered ss	0-14 brown sandy cl, 14-14.5 ss, 14.5-16 sandy cl, 16-17 ss, 17-18 sandy cl, 18-20 shattered ss, 20-22 sandy cl, 22-24.5 shattered ss (lost circulation), 24.5-30 sandy cl
	32	20	23	C. Anderson	1958	Dr	7		74	39					D			0-65 cl, 65-74 gr
	32	20	23	C. Anderson	1958	Dr			72		72-73	5		120	D	MH		0-60 cl & boulders, 60-65 boulders, 65-70 sd, 70-72 gr
SE	33	20	23	C. Anderson	1960	Dr	4 3/4		105	75	100-102	6		120	S	MH		0-20 cl & boulders, 20-90 gr, 90-105 ss
	33	20	23	C. Anderson	1960	Dr	5		70	9	63	10		120	D	MH		0-12 cl, 12-20 gr, 20-40 cl, 40-70 sh
1	8	20	24	C. Anderson	1964	Dr	5 1/2, 4 1/2c		120	95	106-107	8		120	D	MH		0-20 cl, 20-106 ss, 106-120 sh
8	11	20	24	C. Anderson	1964	Dr	5 1/2, 4 1/2c		125	50					D	MH		0-7 cl, 7-30 cl & boulders, 30-60 sd & gr, 60-125 sh
2	26	20	24	Lorraine	1959	Dr	5 5/8		80		30-80	5			D,S	S		0-25 brown cl, 25-64 blue sh, 64-72 ss, 72-80 sh & ss
SW	30	20	24	Dial	1957	Dr	7,6, 5		300	10,25	100-125, 195-215, 245-250	5	290	30	D,P	S		0-60 cl, 60-110 sd & cl, 110-130 sd & gr, 130-215 gr, 215-300 sh with a few narrow strips of ss
NE	30	20	24	Gerritsen	1963	Dr	5		170	87					D	Su		0-15 brown cl, 15-28 brown sh, 28-36 brown ss, 36-60 blue ss with cl, 60-61 hard ss, 61-70 blue sh, 70-75 brown ss, 75-76 blue ss, 76-84 brown sh, 84-86 blue rock, 86-91 brown sh, 91-92 blue ss, 92 -95 brown sh, 95-138 blue cl with ss, 138-141 ss, 141-160 cl & ss, 160-170 blue sh
	30	20	24	Gerritsen	1963	Dr	6		200	17	180-197	6	50 -50	30?	P			0-29 brown cl, 29-45 brown sd cl, 45-100 blue sd cl, 100-114 blue cl, 114-115 rock, 115-123 blue cl, 123-124 rock, 124-130 blue cl, 130-179 blue cl, 179-195 coarse sd, 195-200 boulders

9	30	20	24	Dial	1959	C	6		178	F	175-177	40					Gr	0-175 cl, sd, & sandy cl, 175-177 gr
13	36	20	24	C. Anderson	1965	C	5 1/2c		125	75	120-121	10		300	D	MH		0-70 cl & boulders, 70-80 ss, 80-125 sh
SW	1	20	25	Miskulin	1960	Dr	5 1/2		270	125		1.5	145		D			0-35 cl, 35-185 ss, 185-270 alternating ss & sh
NE	12	20	25	Dial	1958	Dr	5 1/2, 4c		48	F	42-44	20	25	20	S			0-20 cl, 20-30 sandy cl, 30-38 sandy blue cl, 38-48 hard sandy cl with little mixtures of gr
NE	12	20	25	Dial	1958	Dr	6,5		100	10	55-58, 90-93	20	15	30	D	MH		0-45 cl & sandy cl, 45-80 cl & hard sandy cl with a little gr mixture, 80-90 blue sh, 90-93 hard blue sh with a soft spot, 93-100 blue sh
SE	12	20	25	Dial	1959	Dr	6,5		150	50	75-125	20	100	15	D	S		0-38 cl, 38-85 sh, 85-86 ss, 86-95 sh, 95-150 ss with hard & soft streaks
NE	13	20	25	Dial	1959	Dr	5 1/2		158	F	156-158	10	50	15	S		Coarse sd & gr	0-20 cl, 20-100 cl & sd, 100-156 cl, 156-158 coarse sd & gr
SE	13	20	25	Dial	1959	Dr	6,5		140	F	128-130	15	15	15	D,S	MH	Small gr & coarse sd	0-20 cl, 20-110 cl & sd, 110-128 blue cl, 128-130 small gr & coarse sd, 130-140 soft sh
SE	32	20	25	C. Anderson	1959	Dr	6, 4 1/2		118	25	80-100	1		120	D	S		0-40 cl, 40-61 ss, 61-118 sh
NW	32	20	25	C. Anderson		Dr	5 3/8c		130	F								0-57 cl & boulders, 57-125 ss & sh, 125-130 broken ss
NE	10	20	26	DeForas	1958	Dr	6		263			G			D	MH		
SW	13	20	26	McNivon Bros.	1958	Dr	5 1/2		38	4	33-35	20	6 -6	60 240	D,S	I		0-2 topsoil, 2-19 cl, 19-20 ss, 20-38 cl
SE	17	20	26			Dr	6		79		38	60	30	120		H		
SE	17	20	26	DeForas	1959	Dr	5 3/8		80	20	36-80	60	10	660?				
3	19	20	26	DeForas	1962	Dr	5 3/8		84	16	76-84	8	60	120	D,S	MH		22 br; bottomed in sh
NW	36	20	26	C. Anderson		Dr	5 3/8		160	20		2						0-30 cl, 30-130 sh, 130-140 sandy sh, 140-160 black sh
SE	1	20	27		1918	Dr	5 5/8c		86	35	82	VG			D,S	H		40-64 ss, 82-86 gr
3	4	20	27	J. Snider		Dr	5c		104	F	104	6			D	MH		Well 1 mile west has flow strong enough to rise 20 ft. above ground.
9	8	20	27			Dr			80	F								0-20 cl & boulders, 20-70 blue cl & boulders, 70-80 sd & gr; flowing shot hole.
NW	11	20	27	DeForas	1961	Dr	5 3/8		150	60	70	6	70 -70	120	D,S			16 br
SE	13	20	27	DeForas	1961	Dr	5 3/8		80	15	62-76	5	59	60	S			14 br
1	14	20	27	DeForas	1959	C	5 3/8		79	12	70-73	8	65	1440	S	S, Su		22 br; bottomed in ss.
13	20	20	27	Hagerman	1946	Dr	4c		70		50	.5				S		0-9 dr, 9-26 rock, 26-30 cl, 30-35 rock, 35-70 sh
SE	23	20	27	DeForas	1959	Dr	5 3/8		37	15	21-37	30	5	30		MH		
4	29	20	27	DeForas	1959	Dr	5 3/8		128	9	116	9	90	120		S		30 br; bottomed in sh
	17	20	28	Hussy					143	25		2						
NW	19	20	28			Dr		3335.8	50						O			0-12 gr, 12-24 soft blue cl, 24-30 cl & sh, 30-39 ss, 39-47 sh & cl, 47-50 cl
NW	19	20	28			Dr		3329.8	40						O			0-10 gr, 10-16 soft blue cl, 16-23 cl & sh, 23-29 ss, 29-40 cl & sh
NW	19	20	28			Dr		3329.9	40						O			0-8 gr, 8-10 soft blue cl, 10-14 cl & sh, 14-18 ss, 18-24 cl & sh, 24-30 ss, 30-40 cl & sh
NW	19	20	28			Dr		3330.8	29						O			0-9 gr, 9-13 blue cl, 13-16 blue to grey sh, 16-18.5 silt, 18.5-20 cl & sh, 20-22 ss, 22-25 hard black sh, 25-29 cl & sh

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Yield or test rate (gpm)	Test results Drawdown or recovery (ft.)	Test results Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
NW	19	20	28			Dr		3365	26						O			0-4 cl, 4-13 black soil, 13-17 brown cl, 17-20 green cl, 20-26 silty cl
NW	19	20	28			Dr		3363	37						O			0-10 topsoil, 10-22 black dirt & cl, 22-23 gr, 23-26 soft ss, 26-31 medium ss, 31-37 ss
NW	19	20	28			Dr			83						O			0-5 loam, 5-19 gr, 19-26 ss, 26-37 blue cl, 37-47 ss, 47-71 blue cl & sh, 71-83 ss
NW	19	20	28	Northern Water Supply	1959	Dr	5 1/2, 4 1/4c		40	8	21				P	S		0-7 gr, 7-10 greenish sh, 10-15 hard sandy sh, 15-21 greenish sh, 21-22 ss, 22-40 grey sh
NW	20	20	28	Wirchenko	1962	Dr			200	10	15-27	8						0-5 topsoil, 5-10 loose gr, 10-20 ss & cl ledges, 20-65 cl & sh, 65-67 rock ledge, 67-140 blue sh, 140-143 limestone, 143-178 blue sh, 178-182 limestone, 182-200 blue sh; well was drilled 200 ft. but there was no water. A charge was then set off at 20 to 25 ft. and water came in at about 8 gpm.
NE	22	20	28	Wirchenko	1962	Dr	5 3/8		40	8	36-38	6	12	15		S		0-5 topsoil, 5-23 cl, 23-26 blue sh, 26-32 cl, 32-37 ss, 37-40 cl
													12	5				
SW	24	20	28		1918	Dr?	5 5/8c		50	15	42	VG			D,S	H		22-29 ss, 42-50 soapstone
4	26	20	28		1933	D			38		38	VG			D,S	H		15 br
SE	29	20	28	DeForas	1958	Dr	5		250	140	206	6				S		18-162 sh, 162-224 very tight ss
NW	2	20	29	Western Water Wells		Dr	7c		110	75		10						0-65 till, 65-80 boulders & cl, 80-1 sandy cl & gr, 103-108 ss, 108-110 sh
SE	5	20	29	Thompson	1960	Dr	6		65	12	24-63	1	50	15	S	MH		0-23 cl, 23-65 sh, ss & cl
													-50	180				
16	7	20	29	Thompson	1959	Dr	6		110	57	109	15	0	30	S	MH		0-76 cl, 76-110 sh
16	13	20	29	Kortmeyer		Dr	5c	3400	43	24	39-43	<1			D,S	S	Edmonton sd	
	13	20	29		1911	Dr?	5c		54	22	40	3	30	20	D,S	S		40-54 sandy gr; a nearby 200 ft. well produces gas from water at 20 lbs. pressure.
NE	13	20	29	Hussey		Dr	6c		104	15		6						0-30 fine gr, 30-40 yellow cl, 40-50 blue cl, 50-52 ss, 52-60 soft blue sh, 60-66 hard sh, 66-80 hard ss, 80-104 blue sh
SE	15	20	29	Thompson	1962	Dr	6		260		57	<1			N			0-33 cl, 33-47 brown sh, 47-260 blue sh
SE	15	20	29	Thompson	1962	Dr	6		117	60	94	8	0	120	S	MH		0-21 cl & gr, 21-31 ss, 31-116 sh
SE	16	20	29			D	48c		10	F	10	60			D,S			
11	17	20	29	Thompson	1959	Dr	6		97	21		15	15	30				0-45 cl, 45-96.5 cl & sd, 96.5-97 gr
													-15	60				
NW	20	20	29	Hussey	1959	Dr	7		81		58-59	5	16	10		MH		0-20 yellow cl, 20-30 yellow cl & stones, 30-80 blue sh
SW	22	20	29			D			10		8	VG			D,S	S		8-10 cl
4	24	20	29	Thompson	1960	Dr	7		185	30	75	3	155	30	S	MH		0-19 cl, 19-71 ss, 71-185 blue sh
													-155	1440				

	28	20	29	Star	1954	Dr	7, 5 1/2c		85						D			0-18 gr, 18-28 blue cl, 28-45 ss, 45-85 sh
NW	28	20	29	Thompson	1958	Dr	6 5/8		97	74	80-91	15	3 -3	15 30	D	MH		0-69 cl, 69-73 cl & gr, 73-91 ss, 91-92 gr, 92-97 blue cl
S1/2	28	20	29		1914	Dr	5c		102	30	102				D,P			Water is pumped into 1,800 gal. pressure tank and used by hotel at rate of 1,000 gals. per day.
SE	29	20	29	Northern Water Supply	1959	Dr	5 1/2c		26	5.5	16,23	8	0	15				0-12 gr, 12-26 ss
9	29	20	29	Thompson	1962	Dr	6		51	28	48	13	8 -8	3 15	D	MH		0-31 cl & gr, 31-48 blue sh, 48-50 brown sh, 50-51 blue sh
5	28	21	1		1928	D	48c	2290	20	17	16	< 1			D	S	Sd (dr)	
12	30	21	1		1928	D	48c	2300	20	18		< 1			D,S	H	Dr	
NE	7	21	2			Dr		2370	214	186		>6				H	Oldman	
SE	16	21	2	Renbar	1964	R	9 7/8		410	352	385-392	9	10 -10	60 12?	P	MH	Fine sd (Belly River)	0-4 soil, 4-25 brown cl, 25-30 fine sd, 30-95 grey cl & boulders, 95-210 blue cl, 210-385 hard sh, 385-392 fine sd (Belly River), 392-410 sh
9	17	21	2	McGee	1928	Dr	3 1/2, 2c	2410	260	200		1			D,S	H,I	Sd	
NE	17	21	2			D		2410	18	15						H	Dr	
16	18	21	2	McGee	1928	Dr	4c	2410	214	186		>6			S	H,I	Sd	
NE	21	21	2			Dr		2410	260	200		1				H	Oldman	
15	21	21	2		1942	D	48c	2410	28	20	24	<1			D,S	H	Sd (dr)	
SW	22	21	2	Crystal Water Supply		Dr	7c		154	142	142				D			0-65 cl, 65-90 fractured ss, 90-140 ss with sh beds, 140-154 ss
12	24	21	2		1928	D	30c	2260	18	14	14	<1			D,S	H	Sd	Owner has another dug well 12 ft. deep from which he obtains washing water.
9	34	21	2		1913	D	48c	2300	35	30	30-35	<1			D,S	S	Sd (dr)	
15	35	21	2		1914	B	36c	2335	60	40					D,S	H	Sd (dr)	
SE	18	21	3	Mjolsness Bros.	1946	Dr	6c	2200	200	96		3					Sd	
NE	12	21	4	Mjolsness Bros.	1946	Dr	6c	2220	220	156		8					Gr	0-130 cl, 130-140 loose sd, 140-150 gr, 150-200 cl, 200-210 loose sd, 210-220 gr
NW	12	21	4	Henning	1958	R	5		140	50	85-120	5		4320			Coarse sd, fine gr, & brown cl	0-54 brown cl, 54-85 blue cl, 85-120 coarse sd, fine gr, & brown cl, 120-140 blue cl
13	14	21	4		1945	D	48c		20	16	20				D,S	S	Sd (dr)	
NW	14	21	4			Dr		2220	120	D								
13	25	21	4		1944	D	22c	2230	48	44		<1			D,S	S	Sd	Well is near slough.
NW	26	21	4	Mjolsness Bros.	1946	Dr	6c	2243	240	225					P		Sd	0-50 cl & dr pebbles, 50-60 sd, 60-140 cl & dr pebbles, 140-170 sd, 170-190 cl, 190-240 sd; well filled in with soapy quicksand.
4	34	21	4		1918	D		2230	48	38		G			D	H	Sd (dr)	Another stock well, 36 ft. deep with 10 ft. of water, never goes dry.
	35	21	4	Anderburg & Sons		Dr	6 5/8, 5 3/8c		255	210		20		1440				0-160 cl, 160-210 sd
4	36	21	4		1943	D	36c	2230	50	45	46	<1			D	H	Sd (dr)	0-20 cl, 20-50 sd
13	5	21	5		1944	D	48c	2450	34	31		<1			D,S	S	Sd	
NW	5	21	5			B		2320	40							H	Dr	
5	16	21	5		1918	D	48c	2420	30	15	30	VG			D,S	H	Sd (dr)	
SW	16	21	5			B		2260	45	25		<1				H		

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
5	17	21	5	Slapich	1924	Dr	6c	2430	95		95				D,S	H,I	Sd (dr)	
SW	17	21	5			D		2290	20	17		<1				S	Dr	
	30	21	5	Hoveland		Dr			500	50								100 blue cl, 300 ss 1 ft. thick – blue ss, 500 yellow & red cl – not sandy
NE	30	21	5					2332	460									0-220 cl, 220-240 gr, 240-260 cl, 260-280 loose sandy soft grey sh, 280-300 gr, 300-310 dark grey cl & some gr, 310-330 sh & coal, 330-360 ss, 360-430 soft grey sh, 430-435 ss, 435-460 sh
SE	30	21	5			B		2290	40	20		VG				H	Dr	
1	23	21	8			B	6c	2500	60	40	40-60	P			D	S	Sd (dr)	Owner has a similar well that is shallower but has a better supply.
	23	21	8	Gunderson	1951	Dr	3 1/2c		260	190	257-260	3.5			D,S	S		Bottomed in loose sd
16	24	21	8		1918	D	36c	2500	50	38	48	1			D	H	Quicksand	
	24	21	8	Gunderson	1951	Dr	3 1/2c		320	25	320	3.5			D,S	S		Bottomed in loose sd
15	26	21	8	Hoveland	1944	Dr	3c	2500	130	50	130				S	H		25 gr & sd, blue cl below; casing blown off at 130 ft.; well was drilled to 400 ft. but no water at this level.
2	16	21	9	Knutsen	1938	Dr	3c	2480	260		235	VG			D,Ir	H	Oldman	
6	21	21	9	Hoveland		Dr	3c	2480	276	60	230	VG			D,S	S	Oldman	
NW	10	21	10	Rowney	1916	D	48c	2565	16	10	14	<1			D,S	H	Sd (dr)	Well is beside a slough.
	10	21	10	Gunderson	1951	Dr	3 1/2c		200	100	180-200	1.5			D,S	S	Oldman	180-200 Oldman
NW	10	21	10			Dr		2380	165	0							Oldman	
12	15	21	10	Ferrel	1916	Dr	3 1/2c	2565	520	420?	190,250	>1			S	S,So		There is a spring 1 1/2 miles to the southwest.
NW	23	21	10		1945	Dr	3c	2570	149	35	145	VG			D,S	S,So		100 br (coal)
NW	23	21	10			Dr		2370	100	60		3				S	Oldman	
NE	6	21	11	Anderburg & Sons	1960	Dr			50	D					I			0-10 gr & sd, 10-14 gr & silty sd, 14-40 pea gr & sd, 40-49 pea gr, 49-50 top of sh
SW	7	21	11	Anderburg & Sons	1960	Dr	6c		60	16	52-60	5	29 -29	30 1800?	I	MH		0-4 sd, 4-10 sandy cl, 10-24 sd, 24-30 saturated black sd, coal, 30-38 sandy bentonitic cl, 38-44 sandy cl, 44-60 pea gr
SW	7	21	11	Anderburg & Sons	1960	Dr			24						I			0-10 hard dry silty cl, 10-13 silty cl & sd seams, 13-14 yellowish cl, 14-18 yellowish cl, blue cl & sd seam, 18-20 soft blue cl with sd seam & coal seam, 20-24 grey sandy sh
SW	7	21	11	Anderburg & Sons	1960	Dr			24						I			0-4 yellowish sandy cl, 4-12 greyish sandy cl with seams of sd, 12-16 seams of gr & blue cl, 16-18 greyish cl, 18-20 fine sd & a little cl, 20-22 sd seam, 22-24 sandy sh
SW	7	21	11	Anderburg & Sons	1960	Dr			50	D					I			0-10 sd & pea gr, 10-11 cl, 11-16 sd & some cl, 16-20 gr & sd, 20-44 pea gr & mixed sd, 44-46 sd & gr, 46-50 top of sh & soft ss

SW	7	21	11	Anderburg & Sons	1960	Dr	6		62	16	62-65	15	20 -20	30? 30	I	MH		0-10 yellowish sandy cl & seams of coal, 10-16 greyish cl & sd seams, 16-18 sd, coal, & pea gr, 18-20 coal & sd, 20-24 blackish sd, 24-28 coal, gr gr, mixed sd & organic material, 28-34 gr, coal, mixed sd, 34-44 mixed pea gr, sd & coal, 44-60 sd, 60-65 pea gr, 65 top of sh
4	5	21	12		1941	D	48c	2365	20	8	19.5-20	<1			S	A		16 br (ss), red cl above this
SW	5	21	12			Dr		2570	149	35		VG				S	Oldman	
9	6	21	12		1920	B	24c	2360	100	10		>1			D, S	H		
NE	6	21	12			D		2365	20	8		<1				H	Oldman	
12	1	21	13	C.P.R.	1919	Dr	6c	2490	160	80		G			D, S	S, So		
NW	1	21	13			D		2454	14	3		<1				H	Dr	
NW	6	21	13			Dr		2400	52	15		3				S	Oldman	
14	7	21	13	Green		B	24c		20	12	18	VG			D	H		15 br
15	7	21	13	Anderburg & Sons	1947	Dr	5c	2400	52	15	47-52	3			D, S	S, So	Sd	
5	17	21	13	Gray	1964	R	6 1/4		54	16	54	4		600?	D, S			0-10 gr, 10-50 coarse sd, 50-54 blue cl
12	18	21	13	Green	1942	B	36c	2490	35	2	10					H, A	Cl (dr)	Well is not used as it is unfit for stock.
16	18	21	13	Anderburg & Sons	1947	Dr	6c	2380	165	D								0-35 gr, 35-165 blue sh; well is near a creek and springs.
NW	18	21	13			B		2445	20	8		VG				H	Oldman	
1	19	21	13	Gray	1964	R	6 1/4		52	15	50	6	5		D			0-2 sandy cl, 2-30 gr, 30-34 brown cl, 34-39 gr, 39-42 cl, 42-49 gr, 49-51 blue cl, 51-52 sh
14	36	21	13		1920	D	36c	2300	13	9	10-13	<1			D, S	H	Sd (dr)	Well is 100 yds. from slough and 300 yds. north of spring. Owner also has similar well.
SE	3	21	14			Dr		2440	85			>1					Oldman	
SW	9	21	14			D		2450	20	16						H	Dr	
16	10	21	14	Green	1930	B		2460	30			<1				MH	Sd (dr)	Well is not used as it is too far from buildings.
4	21	21	14		1925	D	60c	2480	12	6-9	11-12	<1			D	MH	Glacial cl & gr	Well is 50 ft. from irrigation; level varies with season.
16	22	21	14			D	48c		10	4	5-10	<1			D, S	H, A	Glacial sd	
4	29	21	14			D	36c	2450	20	16	19-20	G			D	MH	Glacial sd	
8	31	21	14	C.P.R.	1918	Dr		2440	85			>1			D	S, So		
1	32	21	14		1941	D	42sc	2460	12.5	8.5	8	P			D, S	H	Sd	
1	2	21	15		1943	D	41c	2480	12	7					D	H	Cl (dr)	
1	2	21	15	Sharman	1918	D	36c	2475	20	8		<1			S	H, A		Well is 20 ft. from an irrigation ditch.
13	4	21	15		1940	D	48c	2460	7	4		>1			D, S	H		Well is near a slough and level is fairly constant.
NE	5	21	15	Green	1944	B	3c	2460	22	16	9-22	1			S	H	Sd (dr)	Bottomed in very fine sd
13	8	21	15		1938	D	36c	2440	11	9	9-11	<1			D, S	H	Sd	11 br
13	9	21	15		1946	D	30c	2450	12	6	6-12	P			D	H	Glacial sd	Well is 220 yds. from slough.
4	10	21	15			D	48sc	2490	18	8		<1			D, S	H	Glacial sd	
4	11	21	15		1947	D	48c	2470	8	5	3?	<1			D, S	H	Sd (dr)	Well is near an irrigation ditch; water level varies with that of ditch. Water was originally soft but is now hard.
N1/2	11	21	15			D	48c	2475	15	8					D, S	MH	Dr	
7	15	21	15		1945	D	36c	2470	12	8	8-12	<1			S	H	Glacial sd & gr	
SW	17	21	15	Skyline	1958	Dr	5 1/2	2440	250			<1						0-12 cl, 12-65 sh, 65-68 ss, 68-175 sh, 175-178 coal, 178-250 sh

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
3	17	21	15		1920	D	48c	2440	12	4	12				D,S	H	Sd (dr)	Well is 440 yds. from creek.
12	17	21	15		1945	D		2430	11	7	7	<1			D	H	Glacial dr	Well is near irrigation ditch and another well 18 ft. deep with sd on top of blue cl and alkali water.
4	18	21	15		1918	D	48c	2430	25	20					D,S	H	Blue cl	Well is near irrigation ditches; water level rises when ditches are full.
SW	18	21	15			D		2450	11	9		<1				H	Dr	
13	18	21	15		1940	D	36c	2400	14	7		<1			D	VH	Glacial sd	
4	20	21	15		1948	D	36c	2420	10		4	<1			D	MH	Glacial ?	Well is near an irrigation ditch.
4	28	21	15		1947	D	48c	2410	17	8	3?				D,S	H	Sd (dr)	Water rises and falls with irrigation ditch.
SE	29	21	15		1936	D		2440	10	4	4-10	G			D,S	H	Glacial dr (gr & cl)	
4	7	21	17		1928	D	36c		16	12		P			D	H	Sd	Owner has similar well for stock and also has a stock pond.
16	16	21	17	Green	1943	Dr	2 1/2c		75	12		VG			D,S	H,I	Gr	Most wells in district are similar; shallow wells are alkaline and few are used. Some coal particles above gr.
9	3	21	18	Gray		R	6 1/4		77	18	51-77	4	15	10	D		Sd & gr	0-10 gr, 10-33 brown cl, 33-51 blue cl, 51-77 sd & gr
4	15	21	18	Gray		R			105	22	105	5	20	60?				0-22 sandy cl, 22-31 blue cl, 31-34 sd, 34-42 blue cl, 42-45 sd, 45-60 blue cl, 60-64 gr, 64-68 sandy cl, 68-76 gr, 76-96 brown cl & rocks, 96-105 gr
13	22	21	18		1923	Dr	6c		165	60						H,A	Sd	Well is not used - stock water from shallow well and drinking water from cistern.
SE	25	21	18	Farley	1959	Dr	5		121	34	118-121	10	20 -8	60 5	D	H	Black sd	0-30 sandy cl, 30-58 dry sd, 58-114 blue sandy cl, 114-118 brown sd & gr, 118-121 black sd
3	30	21	18	Farley	1959	Dr	5		133	70	128-133	4.5	31 -21	30 15			Gr	0-48 brown cl, 48-122 blue sandy cl, 122-128 cl & gr, 128-133 gr
NW	12	21	20	Russel	1956	Dr	4 1/4c		190	50		8						0-10 cl, 10-60 blue cl, 60-120 blue cl & sd, 120-180 quicksand, 180-190 sh & cl
NW	19	21	20	M. & M.	1964	Dr	4 3/4		75	61	63-75	12	0	180?	D	S	Gr	0-2 brown cl, 2-25 gr & boulders, 25-63 blue cl, 63-75 gr
8	23	21	20	M. & M.	1964	Dr	4 3/4		35	22	22-35	6	5 -5	180 3	D	MH		0-5 brown cl, 5-15 blue cl, 15-35 gr
1	12	21	21	Elliott	1965	R	4 1/2		95	F					D	I		0-10 brown cl, 10-18 sd, 18-90 cl & rocks, 90-95 coal
SW	13	21	21	M. & M.	1965	R	4 1/2		30	22	22-30	5	0	120	D	MH	Fine gr	0-8 sandy cl, 8-22 coarse gr, 22-30 fine gr
NW	15	21	21	M. & M.	1964	Dr	4 3/4		42	26	30-42	12	0	180?	D	MH	Gr	0-10 brown cl, 10-30 sd, 30-42 gr
7	20	21	21	M. & M.	1964	Dr	4 1/2		30	20	20-30	8		240?	D	MH	Gr	0-12 brown cl, 12-20 gr, 20-30 gr
SW	21	21	21	M. & M.	1965	R	4 1/2		24	18	18-24	5	0	120	D	MH	Fine gr	0-5 sandy cl, 5-18 coarse gr, 18-24 fine gr
SE	21	21	21	M. & M.	1965	R	4 1/2		45	18	40-45	7	12 -12	180 10	D	MH	Gr	0-28 brown cl, 28-30 boulders, 30-40 blue cl, 40-45 gr

SE	33	21	21	M. & M.	1965	R	4 1/2	190	125	180-190	5	3 -3	240 10	D	MH	Gr	0-114 soft blue cl, 114-118 quicksand, 118-180 blue cl, 180-190 gr
13	3	21	22	M. & M.	1964	R	4 3/4	30	12	20-30	12	0	180?	D	H	Gr	0-10 brown cl, 10-20 large rock, 20-30 gr
3	3	21	22	M. & M.	1964	Dr	4 1/2c	122	100	110-122	7	10 -10	180 3	D	MH	Sh with ss ledges	0-35 sandy brown cl, 35-61 blue cl, 61-110 cemented gr, 110-122 sh with ss ledges
2	3	21	22	M. & M.	1964	Dr	4 3/4	122	85	94-122	7	5 -5	180 5	D	MH	Sh with ss ledges	0-30 sandy brown cl, 30-65 blue cl, 65-94 cemented gr, 94-122 sh with ss ledge
13	7	21	22	M. & M.	1965	R	4 3/4	133	80	132-133	12	0	60?	S	MH		0-15 blue cl, 15-18 ss, 18-125 sh, 125-133 coal
NE	14	21	22	M. & M.	1964	Dr	4 3/4	31	23	23-31	10	0	360	D	MH	Gr	0-15 brown cl, 15-23 dry gr, 23-31 gr
SE	23	21	22	M. & M.	1965	R	4 3/4	65	50	59-65	6	0	300	D	MH	Gr	0-32 boulders & coarse gr, 32-59 blue cl, 59-65 gr
SE	24	21	22	M. & M.	1965	R	4 3/4	32		22-32	6	0	300	D	MH	Fine gr	0-8 cl & gr, 8-17 sd, 17-22 coarse gr, 22-32 fine gr
NW	9	21	23	M. & M.	1965	R	4 1/2	27	12	18-27	7	0	300?	D	MH	Gr	0-12 brown cl, 12-18 heavy gr, 18-27 gr
NE	9	21	23	M. & M.	1964	Dr	4 1/2	30	20	20-30	8		240?	D	MH	Gr	0-4 brown cl, 4-20 gr, 20-30 gr
NE	15	21	23	M. & M.	1964	Dr	4 1/2	30	20	20-30	8		240?	D	MH	Gr	0-8 brown cl, 8-20 gr, 20-30 gr
SW	23	21	23	M. & M.	1965	R	4 1/2	30	15	15-30	7	0	300?	D	MH		0-14 brown cl, 14-23 heavy gr, 23-30 gr
8	33	21	23	M. & M.	1964	Dr	4 3/4	21		12-21	11	0	360	D	MH	Gr	0-5 brown cl, 5-12 gr, 12-21 gr
4	33	21	23	M. & M.	1964	Dr	4 1/2	36	20	20-36	10	0	360	D	MH	Gr	0-18 brown cl, 18-20 blue cl, 20-36 gr
	20	21	24	Moody	1929	Dr	2c	525	40	175				D,S	H		Another well is hard water at 165 ft.
NW	32	21	24	C. Anderson	1958	Dr	6	124		122-124	5		120		MH	Gr	0-3 topsoil, 3-122 sd, 122-124 gr
SW	22	21	25			Dr	6,5	205	88	60-110, 170-175, 190-195	20	70	30	D,S	VH	Medium hard blue ss, hard sh & ss	0-50 cl with mixture of gr, 50-70 gr & rocks, 70-110 hard cl with ss streaks, 110-170 hard & soft sh, 170-175 medium hard blue ss, 175-190 sh, 190-195 hard sh & ss, 195-205 sh; flow at 170 to 175 ft. is 3 to 4 gpm, 190 to 195 ft. is main flow.
NW	33	21	25	Zentner	1960	Dr	5, 4 1/2	32	7	30-32	10	2 -2	20 5	f			0-32 cl & gr
SW	10	21	26	C. Anderson		Dr	5 3/8c	140	F		6						0-50 cl & boulders, 50-130 ss & sh, 130-140 sandy sh
NW	19	21	26	Western Water Wells		Dr	7, 4 1/4c	170	150			3	30	D			0-35 gr & cl, 35-43 sandy blue cl, 43-75 sticky cl, 75-110 very sandy cl, 110-118 fine sd, 118-125 coarse sd & some gr, 125-155 gravelly cl, 155-170 brown ss
	30	21	26	Lorraine	1959	Dr	5 5/8	210		172-175	P			D			0-48 brown cl & boulders, 48-50 ss, 50-88 sh, 88-91 ss, 91-175 sh, 175-178 ss, 178-210 sh
13	30	21	26	Lorraine		R	5 5/8	185		175	P			D			0-48 brown cl & boulders, 48-50 ss, 50-91 sh, 91-94 ss, 94-174 sh, 174-175 ss, 175-185 sh
NE	18	21	27	Blackwood	1959	Dr	6	54	20	48-50	3	20 -15	10 600	D	MH		0-18 cl, 18-19 sandy sh, 19-48 cl, 48-54 ss
NE	18	21	27	Blackwood	1959	Dr	6	124	20	50-55	<1	10 -10	20 120?	D	MH		0-25 brown cl, 25-27 hard sh, 27-50 grey sh, 50-55 hard grey sh, 55-56 ss, 56-124 blue sh
4	6	21	28	Snider & Bricher	1919	Dr	5c	114	60	114	5			D,S	H	Gr (dr)	
NW	7	21	28	Wirchenko	1961	Dr	5 3/8	71	15	62-68	15	15 -15	30 5	S	S		0-8 topsoil, 8-22 brown cl, 22-23 pea gr, 23-31 rock ledge, 31-36 brown cl, 36-37 brown ss, 37-40 rock ledge, 40-52 blue cl, 52-53 brown ss, 53-62 blue cl, 62-64 ss, 64-66 blue cl, 66-68 ss, 68-71 blue cl

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Drawdown or recovery (ft.)	Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
NE	18	21	28	Wirchenko	1961	Dr	5 3/8		110	70	94-110	7	15	15	D,S	S	Ss	0-5 topsoil, 5-20 brown cl, 20-55 blue cl, 55-55.5 ss, 55.5-73 blue cl, 73-76 rock ledge, 76-80 blue cl, 80-94 ss & blue cl, 94-110 ss
													-15	15				
SE	20	21	28	Blackwood	1957	Dr	6		41	D								0-30 cl, 30-41 rock & blue cl
SW	22	21	28	Blackwood	1958	Dr	6		130	D								0-86 cl, 86-130 gr
SE	29	21	28	Blackwood	1960	Dr	6	3248	33	1	20-21	16	12	60	S	S		0-18 muddy grey sh, 18-33 cl
													-12	1200				
SW	31	21	28	Blackwood	1960	Dr	6		118	45	90				S			0-20 cl, 20-27 sd, 27-74 sh, 74-79 boulders, 79-118 soft grey sh; there is a little water from 20 to 27 ft.
1	1	21	29	Miskulin		Dr	5 3/8		65	30	65	15		20	S			0-62 boulders, brown & blue cl, 62-65 gr
NW	1	21	29	Alpine	1964	C	5 1/2		85	50		5		20	D			0-10 cl, 10-50 grey sh, 50-55 grey ss, 55-85 sandy grey sh
NW	1	21	29	Miskulin	1963	C	5 1/2		71	20	71	20	40	20	D			0-11 yellow cl, 11-35 brown sh, 35-45 grey ss, 45-71 alternating grey & blue sh
NW	1	21	29	Miskulin	1962	Dr	5 1/2, 4 1/2c		153		60	1			D	S		0-18 sandy brown cl, 18-150 alternating soft & hard sandy sh beds
SE	2	21	29	Anderburg		Dr	4 1/2c		130	25		12					Sd	0-15 cl, 15-100 sh, 100-130 ss
SE	2	21	29	Parsons	1960	Dr	6		140	40	105-115	8	100	1200	S	MH		0-38 sandy yellow cl, 38-56 blue cl, 56-58 hard blue rock, 58-71 grey cl, 71-75 light ss, 75-81 very hard rock, 81-100 medium hard light ss, 100-135 very soft coarse ss, 135-140 blue cl
													-75	29				
SW	4	21	29	Miskulin	1962	Dr	4 1/2		91	50	87-91	14	30	15			Grey sh	0-25 brown cl & boulders, 25-72 blue cl & boulders, 72-79 grey sh, 79-87 grey ss, 87-91 grey sh
SW	5	21	29	Blackwood	1958	Dr	6		130	60		5		60	D			0-8 cl, 8-12 sd, 12-100 gr, 100-130 ss
SW	5	21	29	Blackwood	1958	Dr	6		137	97		4						0-25 cl, 25-62 cave rocks?, 62-90 soft sh, 90-120 gr, 120-137 sh
SE	5	21	29	Thompson	1959	Dr	6		132		132	20	0	30	D,S	S		0-15 cl, 15-132 blue cl
NW	9	21	29	Miskulin	1962	Dr	5 1/2		95	50	90-95	20	0	15	D	S		0-4 brown cl, 4-80 alternating dark & blue grey sh, 80-95 grey ss
13	9	21	29	Thompson	1959	C	6		145	60	140-145	7	85	120	S			0-31 yellow cl, 31-140 blue cl, 140-145 grey sh
NW	11	21	29	Blackwood		Dr	6c		70	26		4-5			S			
NW	12	21	29	Thompson	1962	Dr	6		79	40	73-79	12	0	60	S			0-43 cl, 43-79 sh
NE	12	21	29	Thompson	1962	Dr	5 3/8c		207		23	<1			S			0-21 cl, 21-161 sh, 161-207 ss
SE	12	21	29	Blackwood	1960	Dr	6	3500	41	29	29-30	18	10	120	D,S	MH		0-3 brown cl, 3-29 soft brown sandy sh, 29-31 blue sd, 31-41 blue sandy sh
													-10	30				
NW	14	21	29	Blackwood					138	37		37						
NW	14	21	29	Parsons	1960	Dr	6		147	54	38, 85-90	10	93	19	D	H		0-12 yellow cl, 12-20 ss, 20-38 blue cl with sandy streaks, 38-42 light colored ss, 42-55 hard sh, 55-68 hard ss, 68-80 hard ss with cl streaks, 80-97 dark ss, 97-108 sandy sh, 108-127 hard light sh, 127-143 blue cl, 143-147 hard sh
													-93	60				

14	16	21	29	Thompson	1959	C	6		125	23	78-124	15	0	120	D			0-32 cl, 32-123 blue cl, 123-125 sh
NE	16	21	29	Blackwood	1959	Dr	6		36	10	18-20							0-5 cl, 5-7 boulders, 7-10 ss, 10-18 sh, 20-26 brown sh, 26-30 hard brown sh, 30-36 blue sandy sh
SE	16	21	29	Blackwood	1959	Dr	6 1/2		25	5	24-25	25	12	3	D		Ss	0-20 brown sh, 20-21 sandy sh, 24-25 ss
NE	16	21	29	Culbert	1946	Dr			100	D								0-10 cl & boulders, 10-13 ss, 13-79 sh, 79-100 light grey ss
NE	16	21	29		1946	Dr	4 1/4c		100	20	45	>1			S		Sh	0-10 cl & boulders, 10-13 ss, 13-100 sh
SW	22	21	29	Blackwood					32	12		15					Sd	
SW	22	21	29	Blackwood		Dr	5 3/8c		122	35								0-18 black loam, 18-32 cl & boulders, 32-122 sh
NW	22	21	29	Blackwood		Dr	5 3/8c		110	35		8						0-1 loam, 1-15 cl, 15-21 ss, 21-31 cl, 31-110 sh
NE	24	21	29	Blackwood	1958	Dr	5 1/2c		128	15		40	40	60				0-30 brown sh, 30-80 hard grey sh, 80-85 blue sd, 85-128 sh
SW	25	21	29	Blackwood		Dr	5 3/8, 4c		141	90		5	40	60	D			0-10 light brown, 10-15 blue sh, 15-53 dark brown, 53-130 blue & grey, 130-141 black sd
SW	28	21	29	Miskulin	1962	Dr	5 1/2		120	7	100	5	1.3		D			0-5 cl, 5-80 ss, 80-90 brown sh, 90-95 grey ss, 95-105 grey sh, 105-108 grey ss, 108-120 grey sh
NE	28	21	29	Blackwood		Dr			84	22		7					Cl	
NE	29	21	29	Blackwood		Dr			120			2						0-40 cl & boulders, 40-50 water, 50-120 sh
SE	29	21	29	Blackwood		Dr	5 3/8c		90	60		11	9		D			0-7 cl, 7-12 ss, 12-32 brown sh or cl, 32-45 dark grey sds, 45-51 brown, 51-53 grey, 53-57 brown, 57-59 dark grey, 59-62 grey, 62-65 brown, 65-74 grey, 74-90 blue grey
SE	29	21	29	Blackwood		Dr	5 1/2c		58	18		4						0-36 brown cl, 36-38 small stream, 38-58 grey sh
SE	29	21	29			Dr	6		145		135-140							0-35 cl, 35-130 light, 130-145 hard sandy sh
SE	29	21	29	Thompson		Dr	6		114	87	109	8	0	37	D			0-109 ss, 109-114 grey sh
SE	30	21	29	Blackwood		Dr	6c		111	13	102	3						
SE	30	21	29	Parsons	1960	Dr	6		129	106	116-118	10	0	40	D	MH		0-17 yellow cl, 17-91 yellow sd, 91-95 very hard ss, 95-116 grey cl & sh, 116-129 dark soft ss
SE	31	21	29	Thompson	1960	Dr	6		43	19	41	15	0	90	D	S		0-43 cl & gr
NE	33	21	29	Northern Water Supply	1961	Dr	5		102	22	98-100	6		30			Sd & gr	0-18 cl, 18-19 gr, 19-98 cl, 98-100 sd & gr, 100-102 sh
NW	33	21	29	Miskulin	1962	Dr	5 1/2		145	36	120-125	5	109	15	D	S		0-27 silty cl, 27-100 sd (wet), 100-108 blue cl, 108-145 grey sandy sh
9	1	22	1		1948	B	36c	2280	40	28		G			S	H	Dr	Well is near a slough. Owner has another well in pasture for domestic use which is 16 ft. deep and has water at 10 ft.
16	6	22	1		1948	B	36c	2290	40	20	40	VG			D,S, Ir	H		
8	18	22	1	McIntyre	1948	B	36c	2260	70	62		<1			D,S	H	Dr	
SE	28	22	1			B		2255	35	29						H	Dr	
4	2	22	2	Renbar		Dr	12		409	180	385-405	10	12 -12	15 5	P	MH	Very fine sd	0-6 soil, 6-25 light brown cl with boulders, 25-60 brown cl, 60-94 grey cl, 94-120 dark grey cl, 120-184 light blue cl with layers of limestone, 184-225 silty blue cl, 225-228 gr mixture, 228-340 hard sh, 340-385 silty sh with ss seams, 385-405 very fine sd, 405-409 hard sh
2	2	22	2	Dominion	1948	Dr	2c	2260	300	260		>1			D,S	H,A	Pale Beds	
9	3	22	2	Dominion	1948	Dr	2c	2300	350	80	330-350				D,S, Ir	H	Fine black sd	100 br; water was originally soft but turned hard.

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
NE	3	22	2			D		2410	28	20		<1				H	Dr	
8	13	22	2	McGee	1948	B	24c	2260	45	25	25	<1			D,S	H	Dr	
5	14	22	2	Jorgensen	1948	Dr	3 1/2, 2c	2320	280	230					D,S	H		Well is now filled with fine sd so water is obtained from a shallow well. Other wells 40 to 50 ft. deep with no water.
8	14	22	2	Chasney	1948	B		2220	120	D								
SW	14	22	2			Dr		2300	350	70		VG				S	Oldman	
NW	16	22	2	Anderburg & Sons	1959	Dr	6		265	22		15		60				0-40 cl, 40-260 sandy cl, 260-265 sd & gr
SW	19	22	2	Anderburg & Sons	1959	Dr	9		335	280	290-300	.5		90	D		Quicksand?	0-6 sd, 6-17 brown cl, 17-18 blind hole, 18-86 brown cl, 86-145 blue cl, 145-152 brown cl, 152-285 grey sandy cl, 285-300 cl with little gr, 300 little sand seams, 300-316 cl with little gr, 316-335 blue cl
	19	22	2	Anderburg & Sons		Dr			276	125		20	30		P			0-270 sd & cl, 270-276 gr
SE	10	22	3			Dr	6c	2120	160	7		8					Sd	0-30 cl, 30-60 cl, dr pebbles, 60-80 gr, 80-90 cl, dr pebbles, 90-100 gr, dr pebbles, 100-150 cl, 150-160 sd
1	10	22	4		1946	D	48c	2258	18	2	18?	<1			D,S	S	Dr	
1	12	22	4	McGee	1948	Dr	6c	2250	300	60	300	VG			D,S	S	Oldman	
4	16	22	5	Gunderson	1951	Dr	3 1/2c		420	F	339-343	<1			S	S		Bottomed in ss; water is salty.
SW	16	22	5	Anderburg & Sons	1958	Dr	5		220	F	160-180	15	60 -60	90 120	S	MH	Ss	0-14 brown cl, 14-22 sd, 22-28 gr, 28-32 cl, 32-35 gr, 35-50 sd, 50-57 cl, 57-65 gr & boulders, 65-75 hard ss, 75-82 sh, 82-90 ss, 90-160 ss & sh, 160-180 ss, 180-220 sh; water is very salty.
	33	22	5	Patterson		Dr	5 1/2		150	7	140-150	4	8	30		S		0-51 grey cl, 51-65 silty sd, 65-72 potters cl, 72-78 blue cl
	12	22	6	Gunderson	1951	Dr	3c		310	F	270-310	7					Ribstone	0-48 sd & gr, 48-50 coal, 50-270 sh, 270-310 Ribstone
16	27	22	6		1948	D	48c	2210	20	16	20				D,S	MH	Dr	Well is in draw, near a slough.
9	33	22	6		1948	B	24c	2240	58	49					D	H	Dr	Well is not used. Seepage well 1/2 mile north is used instead.
16	33	22	6		1948	D	42c	2200	12	5	8	>1			D,S	S	Dr	
14	3	22	7		1948	D	48c	2500	20	16	16-16 2/3	<1			D,S	S	Dr	
13	4	22	7		1948	D	48c	2500	6	3					D,S	S	Dr	
3	13	22	7		1948	D	36c	2500	20	14		<1			D,S	S	Dr	Owner uses spring to water stock.
4	30	22	7		1948	D	24c	2500	24	16	23-24	P			D,S	H	Dr	Gr beds prevalent in this area; water in these beds.
16	23	22	8		1948	D	42c	2500	18	15	15-18	<1			D,S	MH	Dr	Owner has another well.
5	30	22	10	J. Schaeffer	1948	Dr	6c	2300	200	190					D,S	H		
SW	30	22	10			D?		2360	100	10		>1				H	Oldman	
16	22	22	11	J. Schaeffer	1948	Dr	5 3/4c	2310	190	180	180-190	VG			D,S	MH	Oldman	

1	6	22	12	J. Schaeffer	1948	Dr	6c	2370	100	60						S		Well not used; water at 45 ft. better quality but not much better – water at 100 ft. is unfit for use.
SE	6	22	12			Dr		2565	520	420		>1				S	Oldman	
10	16	22	12		1948	D	36c	2315				VG			D,S	MH		
1	17	22	12	J. Schaeffer	1948	Dr	5c	2310	114	100					D,S	MH	Oldman	0 br, 80 coal
SE	17	22	12			Dr		2300	200	190		>3				H	Oldman	
16	22	22	12		1948	D	48c	2315	30	26					D	MH?	Dr	3-4 br; well nearby had good supply.
12	25	22	12		1948	D		2180	20	17.5	8-20				D,S	MH		
NW	31	22	12			D		2180	20	4		VG				H	Dr	
1	34	22	12			S		2178							D,S	H		
3	1	22	13		1948	D	36c	2300	15	3	10-?	<1			D,S	H	Dr	Well is 50 ft. from slough.
6	2	22	13		1948	D	36c	2300	12	9		<1			D,S	H	Dr	Well is 100 ft. from slough, water has improved.
4	5	22	14		1948	Dr		2375	36	6					D	H	Dr	
	18	22	14	Anderburg & Sons	1948	Dr	6c	2380	20	4					D,S	H	Dr	0-10 sd, 10-20 blue cl & gr
2	27	22	15	Harvey	1964	Dr	4 1/2	2380	65	30	40-44	5	3 -3	60 5	S	MH		0-20 brown cl, 20-40 blue cl, 40-42 coal, 42-43 sh, 43-44 coal, 44-65 sh
16	28	22	16	Farley	1959	Dr	5 1/2c	2410	58+	11	55-58		13 -13	30 5	S		Yellow sd	0-2 cl, 2-23 yellow cl, 23-48 blue sandy cl, 48-51 gr, 51-55 cl, 55-58 yellow sd
16	21	22	19	Montgomery	1948	Dr	6		201						D,S	MH,I		Adjacent wells are around 200 ft. deep while wells to the north are deeper (300 ft.).
10	29	22	20	M. & M.	1965	R	4 1/2		250	230	235-240	6	3 -3	120 10	D	S		0-120 brown cl, 120-122 gr & coal (water unsatisfactory), 122-165 blue sh, 165-185 sh & rock ledge, 185-230 sh, 230-240 ss, 240-250 sh
	30	22	20	Kortmeyer		Dr	5c	2950	80	20	75				D	S		
	5	22	21	M. & M.	1965	R	4 1/2		176	28	174-176	15	45 -45	60 15	D	S	Ss	0-25 blue cl, 25-70 sd (water – sd too fine), 70-100 brown cl, 100-103 coal & sd (water), 103-135 blue cl, 135-140 coal, 140-174 sh, 174-176 ss
	5	22	21	M. & M.	1965	R	4 1/2		173	38	173	10	10 -10	120 5	D	S		0-20 brown cl, 20-75 sandy formation (some water), 75-102 blue cl, 102-103 coal seam & sandy water, 103-110 blue cl, 110-112 some gr, 112-168 sh, 168-170 ss (water), 170-172 sh
	5	22	21	M. & M.	1965	R	4 1/2		192	38	187-192	10	10	180	D	S	Ss	0-25 brown cl, 25-80 sandy cl, 80-110 blue cl, 110-113 coal & sandy water, 113-187 sh, 187-192 ss
	5	22	21	Kortmeyer	1954	B	3 1/2c		105	5.5		600	20	240	D			0-15 cl, 15-40 sd, 40-44 coal, 44-105 grey sandy sh
2	11	22	22	M. & M.	1964	Dr	4 3/4		171	130	164-171	7	10 -10	360 5	D	MH		0-75 brown cl, 75-162 blue cl, 162-171 gr
13	14	22	22	M. & M.	1964	Dr	4 3/4		145	55	140-143	12	45 -45	180 10	D	I	Ledge of rock	0-65 brown cl, 65-78 gr with bad water, 78-118 blue cl, 118-140 sh, 140-143 ledge of rock, 143-145 sh
11	17	22	22	M. & M.	1964	Dr	4 3/4		180	18	132-135	10	120 -120	90? 60?	D	S		0-35 sandy cl, 35-60 blue cl, 60-63 gr (water with quicksand), 63-100 blue cl, 100-130 hard sh, 130-134 ss, 134-175 hard sh, 175-176 coal seam, 176-180 ss
NE	4	22	23		1964	Dr	4 3/4		70	28	63-70	10	2 -2	360 5	D	MH		0-8 brown cl, 8-29 heavy gr & boulders, 29-40 blue cl, 40-48 gr, 48-63 blue cl, 63-69 gr

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
SE	11	22	23	M. & M.	1965	R	4 3/4		310	110	175-180	2	100 -100	300 120	D	S	Ss	0-40 brown cl, 40-58 blue cl, 58-60 boulders, 60-80 blue cl & boulders, 80-148 sh, 148-150 hard rock, 150-175 sh, 175-180 ss, 180-310 hard sh
3	12	22	23	M. & M.	1964	Dr	4 1/2	2900	253	108	108-253	6	82 -82	480? 150?	D	S		0-25 sandy cl, 25-150 soft blue cl, 150-180 blue sh, 180-182 ss, 182-216 blue sh, 216-218 ss, 218-250 blue sh, 250-253 ss
13	12	22	23	M. & M.	1965	R	4 3/4		135	40	129	5	6 -6	300 2	D	S		0-35 sd, 35-78 blue cl, 78-80 blue cl & boulders, 80-95 blue cl, 95-110 sh, 110-116 hard rock, 116-123 sh, 123-129 rock ledge, 129-135 sh
1	35	22	23	M. & M.	1964	Dr	4 3/4		100	70	90-100	10	5 -5	300 5	D	MH	Ss ledge	0-15 brown cl & rocks, 15-60 soft ss, 60-90 sh, 90-100 ss ledge
16	35	22	23	M. & M.	1965	R	4 1/2	3000E	336	200	300-307	4.5	73	20	D			0-28 brown cl, 28-40 brown sh, 40-84 blue sh, 84-87 ss, 87-89 sh, 89-91 ss (little water), 91-119 sh, 119-121 ss, 121-208 blue sh, 208-215 ss, 215-300 sh, 300-310 ss, 310-336 sh
SE	36	22	23		1908	Dr	6c		36	33	36	<1			D,S	S		20-36 rock, 36 ss
16	36	22	23	M. & M.	1964	Dr	4 3/4		90	30	85-90	10	35 -35	360 5	D		Ss	0-15 brown cl, 15-30 blue cl, 30-57 ss & boulders, 57-85 sh, 85-90 ss
		22	23	Western Water Wells	1947	Dr	8, 6 1/4c		140	56	100	30		1080				The water was considered to have been encountered between the Paskapoo and the Edmonton Formations. There were gr pebbles and boulders recovered up to 6 in. in diameter. A 9-ft. ss layer followed the sd, gr, & boulders. Quality of water appears high in soda.
SW	35	12	24	M. & M.	1964	Dr	4 3/4		140	80	127-140	12	16 -16	180 5	D	S	Rock ledge	0-25 brown cl, 25-90 ss, 90-105 sh & ss ledges, 105-125 ss, 125-127 hard rock, 127-140 rock ledge
NW	5	22	25	Northern Water Supply	1961	Dr	5 1/2		195	85	192-195	12	15?	30	D		Sd	0-7 cl, 17-19 sd, 19-48 cl, 48-68 sd, 68-74 cl, 74-80 sd, 80-90 cl, 90-95 sd & gr, 95-110 fine sd, 110-180 blue cl, 180-190 boulders & cl, 190-192 gr, 192 sd
NW	8	22	25		1909	D			21	10	21				D,S	H		21 ss
16	34	22	25	M. & M.	1965	R	4 1/2		205		200	8		15?	D	S		0-5 sandy brown cl, 5-12 ss, 12-22 blue cl, 22-25 boulders, 25-90 sh, 90-92 ss, 92-198 sh, 198-203 ss, 203-205 sh
NE	7	22	26	Northern Water Supply	1962	Dr	5		268	150	268	10	8 -8	30 3	D	S		0-1 topsoil, 1-34 brown cl with pebbles, 34-85 blue cl & boulders, 85-96 dry sd, 96-190 blue cl with pebbles, 190-225 quicksand, 225-250 blue cl with intermittent layers of quicksand, 250-268 brown very firm cl with pebbles, 268 gr & sd
NW	16	22	26	Northern Water Supply	1960	Dr	5		225	6	224	1.5	14	300	D	S		0-12 cl, 12-14 fine sd, 14-75 brown cl, 75-225 blue cl, 225 gr

NE	20	22	26	Northern Water Supply	1960	Dr	5		44	10	44	5	1.7? -4	30 2	D	MH		0-12 yellow cl, 12-12.5 sd, 12.5-30 yellow cl, 30-44 blue cl, boulders, & sh
SW	7	22	28	Blackwood	1959	Dr	6 1/2		90	20	35-40	5	70 -70	60? 5?	D	MH		0-5 cl, 5-28 sandy sh, 28-35 ss, 35-50 blue ss, 50-65 blue cl, 65-70 sh, 70-90 blue sh
SW	7	22	28	Alpine	1964	C	5 1/2, 4 1/2c		235	175	195-210, 215-230	6.5	60	20				0-8 cl, 8-16 sandy silt, 16-129 cl & boulders, 129-143 gr, 143-235 sandy grey & blue sh; 31-ft. well yields 2 gpm.
NW	10	22	28	Northern Water Supply	1960	Dr	4 1/8		199	189	189-199	3.3		120	D,S	H	Sd & gr	0-25 yellow cl with pebbles, 25-28 boulders, 28-175 blue cl, 175-189 dry sd & gr, 189-199 sd & gr
	25	22	28			Dr			16		12	VG			D,S	H		Pumps continuously and never lowers.
NE	32	22	28	Northern Water Supply	1955	Dr	6, 4 1/2c		120	22		6	80	30				0-25 yellow cl, 25-40 blue cl, 40-66 grey sh, 66-67 rock, 67-120 sh
SW	3	22	29	Ludwig	1960	Dr	5		270	155	215-234	4.5	68 -60	16 1	D			0-11 sd, 11-50 brown cl, rocks, & sd, 50-81 blue cl, 81-178 cemented gr, 178-190 sh, 190-234 ss & sh streaks, 234-240 sh, 240-264 sh & ss streaks, 264-270 brown hard ss
SE	5	22	29	Thompson	1962	Dr	6 5/8		185	135	179-185	10	0	120	S			0-46 sd, 46-159 silty cl, 159-185 sh
NE	20	22	29	Northern Water Supply	1963	Dr	5		122	52	117	12			D	S		0-1 topsoil, 1-30 yellow sandy cl, 30-80 fine sd, 80-105 blue cl, 105-117 blue sh, 117-122 ss
NW	22	22	29	Northern Water Supply	1963	Dr	4 3/4		104	55	72	1.5	49	30	D	S		0-1 topsoil, 1-12 yellow cl & pebbles, 12-30 brown sh, 30-36 brown ss, 36-70 blue sh, 70-75 grey ss, 75-99 grey sh, 99-102 grey ss, 102-104 grey sh
SW	28	22	29	Northern Water Supply	1955	Dr	5 1/2c		100	17		8	80	30				0-25 yellow cl, 25-50 brown sd, 50-75 blue cl, 75-76 blue sd, 76-81 blue cl, 81-84 sd & gr, 84-100 blue cl & gr
SW	35	22	29	Northern Water Supply		Dr	5 1/2c		118	4.5		8			D,S			0-30 yellow cl gr, 30-55 sd & gr, 55-70 blue cl, 70-90 sd, 90-100 blue cl, 100-105 slab, 105-118 ss
1	4	23	1	R. Snider	1962	Dr	5 5/8		160	90	135-160	15	65 -55	20 180	D			0-2 topsoil, 2-10 brown cl, 10-17 ss, 17-22 brown cl, 22-25 ss, 25-35 brown cl, 35-36 coal, 36-40 sh, 40-55 blue cl, 55-60 rock & sh, 60-72 blue cl, 72-80 rock & sh, 80-85 blue cl, 85-100 cl & sh, 100-102 rock, 102-130 blue cl, 130-135 ss, 135-145 blue cl, 145-146 ss, 146-151 blue cl, 151-155 ss, 155-160 gr
5	21	23	1		1948	D	48c	1980	16	13					D,S	MH		
SW	21	23	1			D		2210	26	7						H	Dr	
16	22	23	1			D	30c	1970	15	12					D	MH,A	Dr	Well is near a river.
1	28	23	1		1948	B	36c	2255	35	29					D,S	H,A		
1	31	23	1		1948	D		2230	13	9							Dr	Well is now dry.
13	32	23	1			D	48c	2210	26	7					D,S	H		Another well in yard is drilled to 90 ft. and is dry.
16	25	23	2		1948	B	24c	2230	27	15					D	MH		
NE	25	23	2			D		2276	32			<1					Dr	
16	35	23	2		1948	D	48c	2500	30	3					D	H		This well is on land 1/2 mi. north of farmyard. 100-ft. well in yard is dry.
NE	35	23	2			D		2410	51	12						H	Dr	
SE	15	23	3			B		2395	90	10						H	Dr	
10	23	23	3	Pasche	1948	B	36c	2410	51	12	30				D,S	MH		
NE	23	23	3			D		2415	14	8							Dr	

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
13	33	23	3			D	36c	2430	27	24					D,S	H,I		Owner has two other 8-ft. wells in pasture near sloughs.
16	33	23	3		1948	D	48c	2400	12	8	12				D,S	S	Dr	
NE	33	23	3			D		2415	30	4		<1				H	Dr	
4	36	23	3		1948	D	24c	2276	32						D,S	H		Well is near a dam – water level changes with level of dam.
SW	36	23	3			D		2500	30	6						H	Dr	
6	12	23	5					2465										Water sample from 840-890 (Foremost zone); analysis in parts per million: chloride 3300, carbonate 59, bicarbonate 98, sulfate 72, calcium 56, magnesium 36, sodium 2124, total solids 5745, pH 7.9
2	2	23	6		1948	D	48c	2200	14	11	10-14				D,S	S	Dr	Well is beside a slough.
4	22	23	6			D	48c	2340	12	8					D	MH	Dr	
9	32	23	6		1948	B	36c	2485	40	8	40				D,S	S	Dr	Well is near a slough.
4	3	23	8	Water Well Contractors	1948	Dr		2030	53	14	48-48.5				D			0-40 sandy cl & sd, 40-40.5 gr, 40.5-53 soft brown ss; well is near river.
SW	3	23	8			D		2490	30	15		<1				H	Dr	
	24	23	8	Gunderson	1951	Dr	3c		600	70	408-416	VG			D,S			0-18 silty sd, 18-90 gr, 90-368 sh, 368-408 brown sh, 408-510 Ribstone Creek, 510-600 sh & sd
13	20	23	9		1948	Dr	5c	2340	150						D	H		
NW	20	23	9			Dr		2410	500	D							Oldman	
13	20	23	9	Harvey	1964	R	4 1/2	2600	280	250	262-277	1		1200	S	S	Gr	0-82 brown cl, 82-95 gr, 95-150 blue cl, 150-262 sd, 262-277 gr, 277-280 sh
5	17	23	10	J. Schaffer	1948	Dr	6c	2325	211	196					D,S		Oldman	
SW	17	23	10			D		2410	43	29		<1				H	Dr	
16	31	23	10	J. Schaffer	1948	Dr	5c	2365	194	5	80,194				D,S	H		0-100 blue cl, sd, brown cl, 100-194 sd; well is 50 yds. from a slough.
14	19	23	11	J. Schaffer	1948	Dr	5c	2320	140	100	125-140				D,S	S		Well is not in use now – filling in with cl.
NW	19	23	11			D		2340	35	3		VG				H	Bearpaw	
8	21	23	11			D	36c	2310	15	9					D	S		2 br; water level varies with that of nearby creek.
SE	21	23	11			Dr		2325	180	90		6.5				H	Oldman	
15	19	23	12		1948	D	36c	2316	36	32	28.5-36				D,S	S		28-28.5 layer of stones.
12	23	23	12		1948	B	6c	2325	114	110	113-114	1.5			D,S	H	Oldman	
NE	23	23	12			Dr		2320	140	100						S	Oldman	
15	32	23	12		1948	D	72c	2390	45	43		<1			D,S	H,A	Bearpaw	Water is not fit for use.
11	36	23	12	J. Schaffer	1948	Dr	6c	2330	110	104	109.5-110	>3			D	H		
11	36	23	12	Ingalness Bros.	1948	Dr	6c	2330	201	180					N	S		
NW	36	23	12			Dr		2430	150									
	36	23	12	Western Water Wells		Dr	7c		370	25		10	14		D	S		Well was abandoned as mineral content was too high; total solids 2120, chlorides 1160, sodium carbonate 8106.

	36	23	12	Harvey	1965?	Dr	4 1/2	2250	120	105	105-110	2.5		300	P	H		0-43 brown cl, 43-50 blue cl, 50-88 bentonitic cl, 88-108 sd & gr, 108-120 sh
10	21	23	13		1948	D	36c	2340	15	13	13	>1			D,S	H	Dr	Water level rises and falls with creek 30 ft. away.
8	24	23	13		1948	D	30c	2420	18	13	17.5-18	<2			D,S	H	Dr	Well is near a coulee.
13	36	23	14		1948	D	36c	2330	12	9	10-12	<1			D,S	H	Bearpaw	
4	3	23	16	Farley	1959	Dr	5 1/2c		67	20	64-67	10	22	60	D,S		Coarse sd	0-4 cl, 4-57 sandy cl, 57-64 yellow cl, 64-67 coarse sd
													-22	7				
	17	23	16	J. Schaffer?	1947	B			93						D	H		
8	17	23	16		1948	Dr	3c		163	20					D,S	S		Gr, coal, ss @ bottom
	22	23	16	Gray	1964	R	6 1/4		103	D								0-25 sd, 25-39 brown cl, 39-44 sd, 44-87 blue cl, 87-101 gr, 101-103 sh
4	26	23	16	Gray	1964	R	4 1/2		120	40	107-115	1.5-2	70	120				0-16 sandy cl, 16-25 sd, 25-45 brown cl, 45-62 blue cl, 62-75 gr, 75-119 sh, 119-120 ss
11	8	23	18	M. & M.	1964	Dr	4 1/2	2900	135	119	129	8	2	120?	D	H,I		0-105 brown cl, 105-125 hard cemented gr, 125-129 gr, 129-135 hard sh
													-2	5				
	3	23	19	Anderburg		B	6c		146	95		15						0-82 till, 82-124 gr, 124-136 sh, 136-146 grey sh
	8	23	19	M. & M.		R			326	220	323-324	2.5			D	S		0-132 brown cl, 132-200 dry hard gr, 200-208 blue cl, 208-210 hard rock, 210-315 hard sh, 315-320 ss, 320-323 coal seam, 323-326 hard sh
5	10	23	19	M. & M.	1964	Dr		2900	264	210	264	4	32	1440	D	S		0-7 brown cl, 7-9 cl & boulders, 9-95 brown cl, 95-178 blue cl, 178-210 gr, 210-250 sh, 250-264 sh, rock ledges (water in ledges)
													-32	20				
7	2	23	20	M. & M.	1964	Dr	4 1/2	2800	92.5	45	92.5		5	150				0-22 gr, 22-87 soft ss, 87-88 coal, 88-92.5 gr
SE	5	23	20	Kortmeyer	1954	B	4 1/2c		90	28		15	0	240	D			0-20 cl, 20-88 sh, 88-90 oyster bed
	26	23	20	Anderburg & Sons	1956	B	5c		138	80		12						0-34 till, 34-78 gr, 78-122 grey sh
12	2	23	21	M. & M.	1965	R	4 3/4		65	8	48-52	12	0	180?	D	MH	Coal	0-35 brown cl, 35-48 soft sh, 48-52 coal, 52-65 hard sh
	6	23	21	Kortmeyer	1950	Dr		2960	252	50	45,70, 175	P						45 gr, 70 & 175 sh
9	10	23	21		1946	Dr	6 1/4, 4 1/4c	2950	76	30	70-75				D,S	S		Br is Edmonton Sh.
SE	14	23	21	Kortmeyer	1954	Dr	4 1/2c		85	16		15	0	240	D			0-38 cl & boulders, 38-42 sh, 42-46 coal, 46-85 sandy sh
	14	23	21	Kortmeyer	1950	Dr	5 5/8, 4 1/4c	2850	120	60	95-105	4			D	S,So		Br is carbonaceous sh with coal particles.
	18	23	21	Kortmeyer		Dr	6 1/4, 4 1/4c	2000	116	20	95-115				D,S	S		Br is carbonaceous sh (Edmonton Formation); well is near outbuildings in creek bed and is also near a stream.
10	26	23	21	Kortmeyer	1946	Dr	5 5/8, 4 1/4c	2750	169	34	164.5-169				D,S	S		
12	1	23	22	M. & M.	1965	R	4 3/4		200		190-200	5		300?	S	MH,I	Ss ledges	130-190 blue sh, 190-200 ss ledges; well was deepened from 130 ft. to 200 ft. – previous lithology unknown.
NE	24	23	23		1915	Dr	8c		85		75				D,S	H		0-8 rock, 75-85 ss
SW	2	23	24	C. Anderson	1962	Dr	5 1/2, 4 1/2c		200	130	188-190	6		240	D	S		0-108 cl, 108-112 ss, 112-200 sh

Water-Well Records, West of the Fourth Meridian (Cont'd.)

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Yield or test rate (gpm)	Test results Drawdown or recovery (ft.)	Test results Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
	15	23	24	Northern Water Supply	1965	C	5		60	17	48-56	22	23	30	D	MH	Brown fractured ss	0-1 topsoil, 1-6 sandy yellow cl, 6-12 sd, 12-14 yellow cl, 14-22 sd, 22-25 gr & boulders, 25-28 green sh, 28-42 hard blue sh, 42-48 green sh, 48-56 brown fractured ss, 56-60 blue sh; water at 19-25 ft., rose to 15 ft., tested at 8 gpm and was cased off.
	31	23	24	Anderburg & Sons	1957	Dr	5 1/2c		114			6-8			D,S			0-35 till, 35-94 sh & gr, 94-114 ?
NW	8	23	26	Smith	1954	Dr	6, 4 1/2c		55	15		12	0	60	D			0-5 topsoil, 5-25 yellow cl, 25-39 dark cl, 39-40 very hard black ss, 40-42 blue cl, 42-43 yellow ss, 43-55 ss
	3?	23	27	Smith	1955	Dr	4 1/2c		50	6		20	0	60	D			0-3 topsoil, 3-42 brown cl, 42-45 hard grey sh, 45-50 blue cl
	3	23	27	Smith	1956	Dr	6c		40	8		12			D			0-4 topsoil, 4-16 yellow cl, 16-32 blue cl & boulders, 32-33 ss, 33-36 sh, 36-40 blue cl
NW	15	23	27	Northern Water Supply	1963	Dr	5 1/2c		60	5	52-57	20	40 -40	30 10		MH		0-18 brownish cl, 18-22 blue cl & boulders, 22-41 intermittent layers of sd & cl, 41-51 blue cl, 51-60 greenish ss
10	22	23	27	M. & M.	1964	Dr	4 1/2		90	2	78-85	30	28 -28	60? 10	D	MH		0-35 brown cl, 35-58 blue cl, 58-78 hard sh, 78-82 ss
7	22	23	27	M. & M.	1964	Dr	4 1/2	3300	62	3	58-60	40	12 -12	60? 3	D	MH	Ss	0-35 brown cl, 35-40 ss, 40-50 blue cl, 50-53 ss, 53-58 sh, 58-60 ss, 60-62 brown sh
SW	23	23	27	Davidson Bros.	1962	Dr	6,5c		116	93	103	7	15 -15	330 150	D	MH		10-15 brown cl, 15-22 sd & gr, 22-30 brown sh, 30-35 grey sh, 35-45 grey sh & sd, 45-50 grey sh, 50-116 light grey sh & sd
	23	23	27	Davidson Bros.	1962	Dr	6		120									0-2 black soil, 2-10 brown cl, 10-15 brown sh, 15-24 grey sh, 24-30 black & grey sh, 30-33 grey sh, 33-45 grey sh & gr, 45-75 grey sh & sd(?) 75-80 sd & light grey sh, 80-81 grey sh, 81-90 grey sh & black slate, 90-100 grey sh, 100-120 grey sh & black slate, 120 grey sh, sd, gr, & a little black slate; water has evidence of unfavorable bacterial contamination.
NE	29	23	27	Hall	1961	Dr	5 1/2, 4c		280	15	260-265	4	137 -97	120 90	D	S		0-30 cl, 30-60 sh & ss streaks, 60-209 ss & sh streaks, 209-210 coal, 210-220 ss & sh streaks, 220-250 ss, 250-280 sh & ss streaks; iron 0, alkali 0, sulfate 40, hardness 8, bicarbonate 70, calcium trace, magnesium trace
SW	32	23	27	Northern Water Supply	1962	Dr	5 1/2, 4 1/2c		113	25	62-110	20	60 -60	30 12	D	S		0-20 cl, 20-24 sh, 24-26 ss, 26-40 hard sh, 40-52 sticky grey sh, 52-62 blue sh, 62-113 ss
NW	8	23	28	Northern Water Supply	1963	Dr	4 1/2		100	17	20, 40-95	6	83	30	D	S		0-1 topsoil, 1-8 silty cl, 8-12 yellow cl, 12-20 fine sd, 20-21 coarse sd, 21-26 brown ss, 26-36

																		blue sh, 36-40 grey ss, 40-43 blue sh, 43-55 grey sh, 55-55.5 coal, 55.5-75 grey sh, 75-79 green sh, 79-84 brownish sh, 84-95 grey ss, 95-100 grey sh; water at 20 ft. was cased out.
SW	16	23	28	Northern Water Supply	1960	Dr	5		155	F(+2)	40-45, 126-155	6.5	157	1800	D	Su	Ss	0-6 cl, 6-18 cl & gr, 18-28 brown sh, 28-40 blue sh, 40-45 ss, 45-112 sh, 112-155 ss
	18	23	28	Northern Water Supply	1959	Dr	5		101.5	27	90-98	7	74.5 -74.5	15 30	D	S	Ss	0-30 yellow cl with pebbles, 30-35 ss, 35-75 sh, 75-77 ss, 77-90 sh, 90-98 ss, 98-101.5 sh
	18	23	28	Northern Water Supply	1962	Dr	3 1/2		262	60	248-256	1.5		40	D	S	Grey ss	175-230 sh, 230-248 brown hard sh, 248-256 grey ss, 256-262 brownish sh; water at 177 ft. cased off.
	18	23	28	Northern Water Supply	1962	Dr	4 1/2		93	22	28-40, 67, 86-90	10	71 -71	30 20	D	S		0-1 topsoil, 1-26 brown cl & pebbles, 26-28 sd, 28-33 blue cl, 33-36 blue sh, 36-40 ss, 40-42 blue sh, 42-46 ss, 46-63 blue sh, 63-67 ss, 67-73 green sh, 73-80 blue sh, 80-87 ss, 87-90 brown sh & coal, 90-93 grey sh
NW	19	23	28	Northern Water Supply	1965	C	5		88	26.5	57, 73-75	5	61.5	45		S	Blue ss	0-1 topsoil, 1-23 yellow cl, 23-41 blue cl, 41-45 grey sh, 45-57 blue ss, 57-73 blue sh, 73-75 blue ss, 75-88 blue sh; sulfate is 260 ppm.
SE	21	23	28	Parsons	1964	C	6		170	2	140-143	2.5			S			0-12 cl & ss, 12-16 hard ss, 16-21 cl & ss, 21-32 blue cl, 32-101 grey sh, cl, & small strips of ss, 101-127 ss, 127-133 grey sh, 133-163 ss, 163-170 ss & grey sh strips
16	22	23	28	Northern Water Supply	1962	Dr	5		125	18	40-42, 102-115	3	107 -107	30 120	D	S		0-4 cl, 4-16 grey sh, 16-47 brown ss, 47-53 blue ss, 53-70 grey sh, 70-80 ss, 80-90 sh, 90-96 ss, 96-98 sh, 98-105 ss, 105-112 sh, 112-115 ss, 115-122 sh
7	27	23	28	Northern Water Supply	1962	Dr	5		66	2.5	32-36, 62	10	63.5 -63.5	30	D		Sh	0-7 sd, 7-18 cl, 18-22 ss, 22-28 sh, 28-32 ss, 32-36 sh, 36-62 ss, 62-66 sh
NE	33	23	28	Northern Water Supply	1959	Dr	5 1/2, 4 1/2c		84			2		10	D			0-1 topsoil, 1-35 brown cl & pebbles, 35-36 boulders, 36-42 blue cl, 42-58 greenish sh, 58-60 ss, 60-70 blue sh, 70-72 fine ss, 72-75 grey sh, 75-80 soft coarse ss, 80-84 grey sh
SW	1	23	29	Northern Water Supply	1961	Dr	5 1/2, 4 1/2c		100	F(+4)	25-40	1.5			D,S		Quicksand	0-25 cl, 25-40 quicksand, 40-60 boulders & cl, 60-85 sh, 85-91 ss, 91-100 sh
SE	15	23	29	Northern Water Supply	1958	Dr	5	3340	120	10	62	2	62	30	D,S	MH, Su		0-1 topsoil, 1-23 sandy cl, 23-28 fine sd, 28-35 boulders & cl, 35-50 hard grey sh, 50-53 ss, 53-62 sh, 62-74 ss, 74-95 sh, 95-97 ss, 97-110 sh, 110-112 ss, 112-120 sh
NE	16	23	29	Northern Water Supply	1958	Dr	6		211	60	95, 127-132	8	151		D,S	S		0-18 yellow cl, 18-25 fine sd, 25-40 boulder cl, 40-51 cemented cl, 51-53 yellow cl, 53-95 grey sh, 95-127 sh, 127-128 soft sd, 128-130 sh, 130-132 ss, 132-190 layers of ss & sh, 190-202 sh, 202-203 ss, 203-211 sh; well was abandoned because of insufficient supply.
NE	22	23	29	Northern Water Supply	1955	B	5 1/2, 4 1/2c		100	14		4.5	81	30	D			
SW	24	23	29	Northern Water Supply	1962	Dr	4 1/2		175	25	145-155	1.5	150 -150	20	D	S	Ss	0-24 yellow cl, 24-25 sh, 25-48 ss, 48-65 blue sh, 65-110 ss, 110-145 sh, 145-155 ss, 155-162 blue sh, 162-170 ss, 170-175 grey sh

Water-Well Records, West of the Fourth Meridian (Cont'd.)

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
15	28	23	29	Hall	1964	Dr	8		39	11	11-34	460	2.54 .38	5280 1440	I			0-34 very coarse gr & boulders, 34-36 sandy brown cl, 36-39 sh; well was abandoned and capped because of insufficient supply (needed 2,000 gpm).
15	30	23	29	Big Indian	1961	Dr	4 1/4		38						I			0-38 stream gr
15	30	23	29	Big Indian	1961	Dr	4 1/4		36.5						I			0-36 gr
NE	30	23	29	Big Indian	1961	Dr	9 5/8		48		24-38	104	.56	1440	I			0-15.5 gr, 15.5-17 sandy brown cl, 17-38 gr, 38-48 sh; sulfate 104 ppm, iron .6.
13	6	24	1	McGee	1948	Dr	5c	2280	240	220					D	H,I		
NW	6	24	1			Dr		2330	300	230		<1				H	Oldman	
14	9	24	1		1948	D	48c		10	2	4				D,S	H		
NE	9	24	1			D		2365	17	2		<1				H	Dr	
4	12	24	1		1948	Dr		2160	85	D								
	16	24	1		1948	D	36c	2230	13	9					D,S			Well is near a dam.
13	25	24	1		1948	D	24c	2280	50	36					D,S, Ir	S		Well is seepage from dam as there was no water at well site before the dam was built. Dam is filled from directed spring runoff.
1	28	24	1		1948	B	24c	2360	131	30					D,S	H		10-120 cl & rocks, 120-131 sd, 131 blue cl
SE	28	24	1			B		2320	26	12		<1				H	Dr	
NW	33	24	1	Northern Water Supply	1965	C	5		103	20	78-87	9	83	45	D	S,Su		0-22 yellow cl, 22-30 blue cl & pebbles, 30-31 sd (water seepage), 31-46 blue cl, 46-51 blue sh, 51-54 ss (seepage at 51 ft.), 54-63 blue sh, 63-66 ss, 66-73 blue sh, 73-87 ss, 87-97 blue sh, 97-101 ss, 101-103 grey sh
8	2	24	2	McGee	1948	Dr	6c	2280	422	250					D,S	H		
SE	2	24	2			Dr		2280	240	220		1				H	Oldman	
	3	24	2	Smith	1958	Dr	6,5c		103	75	92&98	7	6	90	D	S		Bottomed in sh
8	14	24	2		1948	Dr	3c	2320	300	230		>1			D,S	S		
16	23	24	2	McGee	1948	Dr	6,3c	2330	492	309	369	2			D,S	S		
16	24	24	2	Westcott	1948	B	36c		26	12		<1			D,S	MH		Well is near a slough.
16	28	24	2	McGee	1948	Dr	5c	2330	300	230					D,S	H		
NE	28	24	2			D		2400	20	15		<1				H	Dr	
11	36	24	2	Westcott	1948	B	24c	2430	75	68	68				D		Dr	
NW	36	24	2			D		2250	27	15		<1				H	Dr	
4	2	24	3		1948	D	36c	2415	30	4					D,S	MH		
SE.	3	24	3			D		2245	15	F(+1)						S	Dr	
4	7	24	3		1948	D	60c	2380	15	9		>1			D,S	S	Dr	
SW	7	24	3			D		2240	10	2						H	Dr	
1	15	24	3		1948	D	48c	2415	14	8	13				D,S	S		Well is down in slough bottom.
NW	17	24	3	Downey	1965	C	6		225	57	105-220	5	25	30				0-2 fill topsoil, 2-20 brown cl, 20-25 blue cl, 25-35 sd, 35-55 blue cl, 55-65 sd, 65-102 green sh, 102-148 grey sh, 148-156 sandy sh, 156-195 green sh, 195-220 blue sandy sh

16	18	24	3	Doherty	1948	B	30c	2400	52	43	52				D,S	H	Dr	
NE	23	24	3			D		2426	23	22		<1				H	Dr	
8	16	24	4		1948	B	36c	2495	35	20					D,S	H		
2	18	24	4	Renbar	1961	R	5 5/8		250	180	215	6	21	6?				0-40 sandy grey cl, 40-100 blue cl, 100-175 brown cl, 175-215 blue cl, 215-245 coarse sd, 245-250 blue cl
4	19	24	4	McGee	1948	Dr	4 1/4c	2435	104	96	104	2.5			D,S	S		
SW	19	24	4			Dr		2540	260	200		4.5				S	Oldman	
13	35	24	4	Dial		Dr			300	80		4			D,S			
16	1	24	5		1948	D	48c	2500	22	4					D,S	S	Dr	Well is near a slough.
16	15	24	5	Nordbloom	1948	B	36c		80	76	80				D,S			
13	15	24	5		1948	B	24c	2590	84	82.5	84				D,S	H	Dr	
NW	15	24	5			B		2495	35	20						H	Dr	
16	23	24	5		1948	B	8	2365	17	2					D	MH		Has a similar well for stock.
2	25	24	5		1948	B	36c	2440	75	45	75				D,S	H	Dr	
SE	25	24	5			Dr		2435	104	96		2.5				S	Oldman	
10	35	24	5	Notros	1948	Dr	2c	2540	260	190					D	S		
NE	35	24	5			B		2360	131	30						H	Oldman	
1	5	24	6		1948	D	32c		35	32					D	S		
6	16	24	6		1948	B	24c	2420	35	23	34				D,S	H	Dr	
1	20	24	6		1948	D	36c	2400	16	14.5					D	H	Dr	Has a similar well in pasture.
13	21	24	6	Bain	1948	B	24c	2410	30	15	30				D,S	H	Dr	Well is 150 ft. from slough.
13	28	24	6	Logan	1948	B	18c	2440	105	3					D,S	H	Oldman	
NW	28	24	6			B		2600	80	76						H	Dr	
	15	24	8	Hall	1963	Dr	4 1/2c		94.0	23.35	89-95	30	19.66 -19.66	720 240	P	MH	Coarse gr	0-24 brown cl, 24-76 blue cl, 76-82 very coarse gr, 82-89 blue cl, 89-95 coarse gr, 95-105 blue cl; iron 3, sulfate 46, magnesium 1.03; well is 500 ft. east of another well in same aquifer.
16	9	24	9	J. Schaffer	1948	Dr	5 3/4c	2410	200	D								
7	15	24	9		1948	D	36c		30	7	30					H,A		Well is 100 ft. from lake but level does not vary with lake level.
SE	15	24	9			Dr		2030	53	14		16					Dr	
SW	15	24	9	Harvey	1964	R	4 1/2	2550	310	180	280-310	2		840	S	S	Ss	0-160 brown cl, 160-162 gr, 162-201 blue cl, 201-205 gr, 205-210 blue cl, 210-221 ss, 221-228 sh, 228-229 coal, 229-255 sh, 255-265 ss, 265-280 sh, 280-310 ss
NE	15	24	9	Northern Water Supply	1958	Dr	6		28	15	15	15	0	60	D,P	MH		0-5 sandy loam, 5-12 boulder & gr, 12-20 fine gr & sd, 20-28 coarse gr
13	27	24	9		1947	D	36c	2420	20	10	18.5				D,S	S	Dr	Well is near coulee, water level varies.
NW	27	24	9			D		3775	30	20		<1				H	Bearpaw	
SE	13	24	10	Northern Water Supply	1958	Dr	6		26	10	10	.25	0	60	P	MH		0-10 sandy loam, 10-15 boulders, 15-22 sd & fine gr, 22-26 coarse gr
4	7	24	11		1948	D	42c	2340	35	1	33				D,S	H		Well is 1/4 mi. from surface water.
SW	18	24	11			Dr		2361	194	1		>1				H	Oldman	
4	19	24	11	Gardner	1947	B	10c	2330	48	47	48				D,S	H	Dr	48 br
11	34	24	11	Wilcox	1948	Dr	5c	2325	180	60	140				S	H		Hardness 230, sulfate 1260, chlorides 71, alkalinity 570, nature of alkalinity – bicarbonate of sodium, potassium, and magnesium

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results Yield or test rate (gpm)	Drawdown or recovery (ft.)	Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
NW	34	24	11			Dr		2330	207	80		>2				H	Oldman	
14	5	24	12	Northern Water Supply?		Dr	6 1/2c		480	10	390-410	10	105	120		S		0-38 sandy cl & boulders, 38-45 sandy cl, 45-145 sandy cl & boulders, 145-180 sandy cl, 180-290 sh, 290-295 ss, 295-340 sh, 340-353 ss, 353-360 sh, 360-364 ss, 364-384 sh, 384-410 ss, 410-430 sandy sh, 430-455 soft sandy sh, 455-480 hard sandy sh; chlorides 1556.
1	5	24	12		1948	D	72c	2390	45	43	21-45	<1				H	Bearpaw	20-21 boulders (there is cl above & sd below the boulders); well has caved in.
3	5	24	12		1948	D	48c	2395	50	48	25-50	<1				H	Bearpaw	25-26 boulders (there is cl above & sd below the boulders); water is not fit for use.
11	6	24	12		1948	D		2375	40	38					D	H	Bearpaw	
11	6	24	12		1948	D		2375	20						S			
4	6	24	12			D	36c	2360	45	9					D,S	H	Bearpaw	
NW	6	24	12			Dr		2385	104	74						S	Bearpaw	
4	8	24	12	Western Water Wells		Dr	7,5c	2360	290		125-130, 240-260	5	156	1440		S		0-65 silty sd, 65-90 sandy cl, 90-124 soft sandy cl, 124-130 medium gr & sd, 130-190 soft sandy cl, 190-218 sandy sh, 218-260 ss
3	18	24	12		1948	Dr	6c	2385	104	74					D,S	S	Bearpaw	Well is 1/2 mi. west of slough.
5	23	24	12		1948	D	30c	2410	43	29	37-43				D,S			Well is 200 yds. from slough.
SW	23	24	12			D		2310	15	9		<1				S?	Dr	
9	32	24	12		1948	D	36c	2385	30	6	24				D,S	H	Dr	Well is 100 ft. from creek.
NE	32	24	12			D		2316	36			<1				S?	Dr	
11	33	24	12		1948	D	36c	2395	15	8					D,S	S	Dr	Well is 30 ft. from creek and 30 ft. below a small dam.
3	34	24	12		1948	Dr	6c	2450	97						S	H	Bearpaw	
SW	34	24	12		1948	D	48c	2440	45	42	42-45	>1			D,S	H	Bearpaw	
1	3	24	13		1948	D	36c	2320	25	22	22-25	<1			D	MH	Dr	
16	24	24	13		1948	D	24c	2350	18	13	17	<1			D,S	S	Dr	3-17 blue cl; well is 25 ft. from a creek.
13	24	24	13		1948	D	36c	2340	12	10	12	>1			D,S	H	Dr	Well is 220 yds. from a creek.
15	36	24	13		1948	D	15c	2350	14	9	11-14				D		Dr	Well is near a creek.
7	2	24	14		1948	D	48c	2310	14	6	11-14	<1			D,S	H	Bearpaw	In this immediate area water is available within 15 ft. of surface.
10	2	24	14		1948	D	48c	2375	22	12.5	12.5-14.5				D,S	H	Bearpaw	12.5 ss (br); well is 1/4 mi. south of slough.
16	9	24	14		1948	D	36c	2370	58.4	32.75					S	H	Oldman	Water is unfit for drinking.
16	6	24	15		1948	D	36c	2460	15	4	14-15	<1			D,S	H	Dr	Well is 1/2 mi. from slough and 1/2 mi. east of creek.
NE	6	24	15	Farley	1959	Dr	5 1/2c	2420	220	D								0-6 sd, 6-48 blue cl (34 gr, 43 limestone), 48-51 ss, 51-93 brown sh, 93-179 cl, 179-187 brown sh, 187-220 blue cl
15	7	24	15		1948	D	36c	2470	25	18					N	A	Dr	Water is unfit for use.

	13	24	15		1948	Dr	6c	2470	150	20					D,S	H,A		Well is near an irrigation ditch.
12	17	24	15		1948	D	36c	2465	20	15	15	<1			D	MH?	Dr	A similar well nearby has a better supply.
16	18	24	15		1948	D	30c	2460	16	10	10				D,S	S		
3	18	24	15		1948	D	42c	2465	9	6	6				D	S	Dr	
1	19	24	15			D	30c	2470	8		6				D,S	MH	Dr	
16	27	24	15	Harvey	1964	Dr	4 1/2	2420	55	22	31-48	4	0	180	S	MH,I	Gr	0-12 cl & rock, 12-15 gr, 15-21 cl, 21-24 gr, 24-31 cl, 31-48 gr, 48-55 blue cl
16	29	24	15	Harvey	1964	Dr	4 1/2	2410	235	160	208-230	5		180	S	MH,A	Ss	0-46 brown cl, 46-50 gr, 50-58 brown cl, 58-120 blue cl, 120-155 blue sh, 155-157 brown sh, 157-208 blue sh, 208-230 ss, 230-235 sh
6	30	24	15		1948	D	48c	2480?	14	8		>1			D	H	Dr	
NE	10	24	16	Buffalo Lake	1962	Dr	4 1/2	2530	140	30		9	15 -15	120 20	D,S	MH		0-50 blue cl, 50-53 sd, 53-60 blue cl, 60-104 sd & gr, 104-126 cl & sd, 125-140 gr
	14	24	20	Gerritsen	1965	R	5 1/2		160	41	138							0-50 brown cl, 50-59 blue cl, 59-60 rock, 60-68 blue cl, 68-69 rock, 69-96 blue cl, 96-97 rock, 97-116 blue cl, 116-118 rock, 118-137 blue cl, 137-138 rock, 138-160 blue cl
	14	24	20	Pregoda	1959	Dr	6		120	39	50-52, 95-98	6						0-38 cl & brown sd, 38-84 blue cl & grey sd, 84-106 grey ss, 106-120 sh
	14	24	20	J. Volb	1964	Dr	5 1/2		151	60	90-135	G						Bottomed in sh
	14	24	20	Gerritsen	1963	Dr			180									0-30 brown cl, 30-120 soft blue cl, 120-150 yellow cl, 150-180 coal layers
	14	24	20	Gerritsen	1964	Dr			140	118		9						0-50 brown cl, 50-59 blue cl, 59-60 rock, 60-68 blue cl, 68-69 rock, 69-96 blue cl, 96-97 rock, 97-116 blue cl, 116-118 rock, 118-140 blue cl
	14	24	20	Gerritsen	1963	Dr			90									0-60 brown cl, 60-70 sandy, 70-90 blue cl, 90 gr
13	11	24	21	M. & M.	1965	R	4 3/4		119	45	110-116	12	0	60	D	MH	Hard ss	0-20 sandy brown cl, 20-88 sh, 88-90 ledge of rock, 90-110 sh, 110-116 hard ss, 116-119 sh
16	29	24	21	M. & M.	1965	R	4 1/2		66	50	58-60	10	0		D	MH	Ss	0-29 brown sh, 29-35 hard rock, 35-58 brown sh, 58-60 ss, 60-66 sh
	35	24	21	Gerritsen	1963	Dr	5 1/2c		150		50, 138							0-80 brown cl & sd, 80-87 brown cl, 87-116 blue cl, 116-118 rock, 118-136 sh, 136-138 rock, 138-150 sh
	35	24	21	Gerritsen					80									0-25 yellow cl, 25-26 ss, 26-35 black cl, 35-58 blue cl, 58-59 blue ss, 59-62 blue cl, 62-69 blue ss, 69-80 blue cl
	36	24	21	Gerritsen	1962	Dr	5 1/2		130	40	115	6	90 -90	30 45	D			0-29 gumbo, 29-114 blue cl, 114-116 ss, 116-130 sh
11	5	24	24	M. & M.	1964	Dr	4 3/4		90	F(+20)		50			D			0-25 sd, 25-42 blue cl, 42-87 hard blue sh, 87-90 ss
E1/2	7	24	24		1910	Dr	4c		121	80	60,100				D,S	S		0-8 rock, 100-121 rock
SE	17	24	24		1907	D&B			80	75	75				D,S	S		0-20 soil & sd, 20-22 rock, 22-80 cl & sd; well is dug for 20 ft. and then bored.
SW	21	24	24		1907	Dr	6c		76						D,S	H		
15	22	24	24	M. & M.	1964	Dr	4 3/4	3000	60	7	48-55	7	40 -40	60? 20	D	MH	Ss	0-12 sd, 12-28 brown cl, 28-48 sh, 48-55 ss, 55-60 sh
16	18	24	25	M. & M.	1964	Dr	4 3/4	3225	100	15	95-100	20	20 -20	120 10	D	S	Ss	0-10 blue cl, 10-95 blue sh, 95-100 ss

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Drawdown or recovery (ft.)	Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
14	10	24	25	M. & M.	1964	Dr	4 3/4	3300	56		48	5	25 -26	60 10	S	H		0-10 sandy cl, 10-45 sh, 45-50 ss
NW	10	24	25		1911	Dr	6c		119	36	36				D,S	H		
	11	24	25	Western Water Wells	1947	Dr	8c		440	75	27,46, 96,203, 400	37			P	S,So		400 Paskapoo & Edmonton; water at 27 ft. and 400 ft. was kept out.
13	11	24	25	M. & M.	1964	Dr	4 1/2	3200	105	35	83,102	15	65 -65	60 5	I			0-20 sandy, 20-25 brown cl, 25-80 sh, 80-85 soft ss, 85-100 hard blue sh, 100-102 soft ss, 102-105 hard ss
SE	13	24	25	M. & M.	1965	R	4 1/2		281	95	273-281	12	0	300	D	S	Hard rock	0-8 brown cl, 8-35 sd, 35-65 blue cl, 65-95 sh, 95-110 hard ss, 110-273 hard sh, 273-281 hard rock
NW	34	24	25	Gerritsen	1964	Dr	5		200			3						0-18 brown sh, 18-24 blue sh, 24-26 ss, 26-53 blue sh, 53-56 blue rock, 56-162 blue sh, 162-164 coal, 164-190 sh & ss, 190-195 ss, 195-200 sh
SW	7	24	26	Western Water Wells	1958	Dr	5 1/2c		145	19	60-67, 90-142	20	110 -110	15 60	S	MH		0-1 topsoil, 1-28 brown cl, 28-52 blue cl, 52-60 blue sh, 60-67 ss, 67-74 sh, 74-78 soft ss, 78-145 hard ss
5	19	24	26	M. & M.	1965	R	4 3/4		75	35	58-60	14	10 -10	360 5		S	Soft ss	0-10 brown cl, 10-58 sh, 58-60 soft ss, 60-75 hard sh
SW	18	24	27	Northern Water Supply	1964	C	5		155	24	40-58, 144	2.5	124	30	D	S,I, Su		0-1.5 topsoil, 1.5-7 fine compact sd, 7-33 brown ss, 33-39 blue ss, 39-53 blue sh, 53-58 soft blue sh, 58-62 soft blue ss, 62-65 green sh, 65-74 grey ss, 74-79 blue sh, 79-85 grey sh, 85-99 grey ss, 99-111 green sh, 111-117 grey ss, 117-120 grey sh, 120-136 soft grey sh, 136-138 grey ss, 138-142 grey sh, 142-151 soft ss, 151-155 grey sh
W1/2	18	24	27	Northern Water Supply	1964	C	5		209	40	30, 60-164	1	169	600	D	S,I, Su		0-1 topsoil, 1-6 yellow cl, 6-10 boulders, 10-30 brown sh, 30-31 ss, 31-37 brown sh, 37-42 blue ss, 42-60 blue sh, 60-72 ss, 72-85 grey sh, 85-88 ss, 88-95 grey sh, 95-105 ss, 105-126 grey sh, 126-153 layers of sh & ss, 153-164 ss, 164-203 layers of grey sh & ss, 203-206 brown sh & sea shells, 206-209 grey sh
NE	18	24	27	Northern Water Supply		C	5		44	8	15-18	6.5		30	D,S	MH, Su		0-1 topsoil, 1-10 yellow cl, 10-15 brown sh, 15-18 brown ss, 18-36 blue sh, 36-42 grey ss, 42-44 grey sh
4	18	24	27	Northern Water Supply	1962	Dr	4 1/2		345	40	52-140	.75	305		D	S		0-14 cl & sd, 14-28 blue sh, 28-35 ss, 35-43 blue sh, 43-52 ss, 52-130 green sh, 130-140 ss, 140-152 green sh, 152-158 ss, 158-165 grey sh,

NE	22	24	27	Parsons	1963	Dr	6	120	16	104-108	3			D,S	S	165-175 ss, 175-186 green sh, 186-203 ss, 203-220 grey sh, 220-257 fine grained ss, 257-260 grey sh, 260-345 medium grained grey peppered ss; gas present in well.
E1/2	15	24	28	Northern Water Supply	1962	Dr	4 1/2	35	10	7,27	1.75	25	20	D	MH	0-35 brown cl, 35-39 brown ss, 39-62 brown cl & dark cl, 62-65 blue cl, 65-70 blue sh, 70-76 hard ss, 76-104 blue cl with strips of sh, 104-114 fine ss, 114-120 hard blue sh
SE	18	24	28	Northern Water Supply	1962	Dr	5	200	28	165	.25	172		D	H	0-7 loam & cl, 7-10 silty sd & cl, 10-20 boulders, gr & cl, 20-24 blue sh, 24-27 ss, 27-35 grey sh
NW	22	24	28	Parsons	1962	Dr	5 1/2, 4 1/2c	98	30	86-88	11			D,S		0-1 topsoil, 1-28 yellow cl & pebbles, 28-40 ss, 40-52 blue sh, 52-60 ss, 60-80 blue sh, 80-86 ss, 86-120 small layers of sh & ss, 120-125 ss, 125-127 grey sh, 127-130 ss, 130-156 grey sh, 156-160 ss, 160-165 sh, 165-168 ss, 168-170 blue sh, 170-181 hard grey sh, 181-196 blue sh, 196-197 ss, 197-200 grey sh
NW	22	24	28	Parsons	1964	Dr	5	245	41	70-74	D					0-18 yellow cl, 18-24 grey cl & boulders, 24-70 grey sh with strips of ss, 70-88 fine light ss, 88-98 grey sh & blue cl
NW	22	24	28	Parsons	1963	Dr	5 3/8, 4 1/2c	112	35	50-52, 82-84	6					0-10 yellow cl, 10-26 sandy cl, ss, & boulders, 26-28 grey cl, 28-51 ss, 51-63 grey sh, 63-87 blue sh, 87-92 blue grey sh, 92-245 grey sh with strips of grey cl
NW	22	24	28	Parsons	1964	Dr	6 5/8, 5c	140	24	34-38, 110-115	1			D	S	0-17 yellow cl, 17-29 sd, 29-32 brown cl, 32-33 hard blue sh, 33-48 blue sh, 48-51 ss, 51-59 blue sh, 59-68 sh & ss, 68-74 ss, 74-82 blue sh, 82-92 coarse light ss, 92-112 blue cl & sh
NW	22	24	28	Parsons	1964	Dr	5	147	D							0-18 yellow cl, 18-52 hard stone with ss boulders, 52-80 grey cl with strips of sh, 80-84 fine ss, 84-140 grey sh with very small strips of ss
NW	22	24	28	Parsons	1964	Dr	5	120	D	31						0-11 yellow cl, 11-27 brown cl & ss boulders, 27-60 grey cl & ss boulders, 60-82 grey sh, 82-85 sh & small bits of ss, 85-97 grey sh, 97-99 blue sh, 99-102 hard blue sh, 102-147 grey sh
NW	22	24	28	Parsons	1964	Dr	6	150		110-115	1					0-12 yellow cl, 12-29 yellow cl & ss boulders, 29-31 grey cl, 31-33 hard brown ss, 33-52 grey sh & small ss strips, 52-81 grey sh, 81-84 fine ss with bits of sh, 84-120 grey sh
SW	23	24	28	Parsons	1963	Dr	5 1/2, 4 1/2c	150	51	114-116	15	94 -45	16 30	D	S,Su	0-10 yellow cl, 10-28 ss, boulders, & cl, 28-44 brown cl & ss strips, 44-67 grey cl & sh, 67-75 grey sh, 75-87 sh & cl, 87-93 light soft ss, 93-150 grey sh with very small ss strips
SE	24	24	28	Northern Water Supply	1964	C	5	59	10	26, 40-54	20		30		MH	0-14 brown cl, 14-18 ss, 18-46 brown sandy cl, 46-56 blue cl, 56-62 blue sh, 62-91 blue cl, 91-93 soft ss, 93-114 grey sh, 114-120 hard dark sh, 120-150 grey sh; water at 60 to 65 ft. yielded 3 gpm but was unfit so was cased off.
																0-1 topsoil, 1-8 yellow cl, 8-26 greenish sh, 26-40 ss, 40-42 blue sh, 42-59 ss

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Yield or test rate (gpm)	Test results Drawdown or recovery (ft.)	Test results Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
8	24	24	28			C	5		259		57-63, 212-216	P					Ss & slate rock	0-12 yellow cl, 12-29 yellow sh, 29-39 ss, 39-57 blue sh, 57-63 ss, 63-93 blue sh, 93-105 ss, 105-138 grey & brownish sh, 139-144 ss, 144-166 grey sh, 166-169 ss, 169-200 grey sh, 200-212 blue sh, 212-216 slate rock, 216-259 grey sh
SE	24	24	28	Northern Water Supply	1964	C			84	9	12,25	1.5	75	600				0-1 topsoil, 1-8 yellow cl & pebbles, 8-12 yellowish sh, 12-12.4 greenish ss, 12.4-25 greenish sh, 25-67 blue sh, 67-71 ss, 71-76 blue sh, 76-83 ss, 83-84 grey sh; well is abandoned now.
	24	24	28	Western Water Wells		Dr	5,4c		45	8	40-45	30	10		D	MH, Su		0-28 silty sd & gr, 28-33 sandy cl, 33-40 sandy sh, 40-45 ss
16	26	24	28	Northern Water Supply	1958	Dr	6 5/8, 5 1/2c		130	17	100-104 121-126	5	113	15	S			0-5 cl, 5-6 sd, 6-18 cl, 18-22 fine gr & sd, 22-37 blue cl, 37-74 sh, 74-76 ss, 76-98 sh, 98-104 ss, 104-121 sh, 121-126 ss, 126-130 sh
SW	29	24	28	Parsons	1965	C	6		133	35	119-121	8	2	60		Su	Ss shattered with sd	0-8 yellow cl & boulders, 8-21 gr & cl strips, 21-85 sh, cl, & silt, 85-115 light sh, 115-119 hard grey sh, 119-121 ss, shattered with sd, 121-133 grey sh
NE	32	24	28	McDonald	1964	Dr	6		120	10	114	3	70 -70	30 30		MH		0-60 cl & boulders, 60-120 sh & ss
NE	32	24	28	McDonald	1965	R	5		240	50	235-238	3.5	180 -180	60 120	D	S		0-5 cl, 50-240 sh with ss layers
	10	24	29	Northern Water Wells	1947	Dr	5c		75	25	47-50	2.5			D	S		
NW	16	24	29	Northern Water Supply	1963	Dr	5		60	24	47-48, 52-58	20	4 -4	660 5	D	G	Gr & sd & grey ss	0-45 cl with pebbles, 45-47 boulders, 47-48 gr & sd, 48-50 cl, 50-52 brown ss, 52-58 grey ss, 58-60 grey sh
SW	28	24	29			Dr		3581	32						O			0-8 fill, 8-10 cl, 10-12 sd, 12-14 cl, 14-18 soft sandy sh, 18-21 hard sandy sh, 21-32 green sh
SW	28	24	29			Dr		3581	27						O			0-8 fill, 8-12 sd, 12-20 cl, 20-22 hard sh, 22-27 sh
	29	24	29	James & Son	1960	Dr	5 1/2, 4 1/2c		132	28	107-130	16		60	P		Ss	0-33 gr, silt, & cl, 33-107 blue sh, 107-130 ss, 130-132 sh
	1	24	30	Western Water Wells	1956	Dr	6 1/2c		60	14		25			S			0-24 yellow cl, 24-49 blue cl, 49-60 ss
NW	2	25	1			Dr	2	2400	85	65		33			S	H	Sd (Belly River)	
NE	3	25	1		1920?	D	48c	2400	15	0		VG			D,S	H	Gr (dr)	Water level varies with season. (CB)
NE	4	25	1		1920	D	48c	2420	6	3		VG			D,S	H	Gr (dr)	Well is not used now. (CB)
NE	5	25	1			Dr	2	2430	60	55		5.5			D,S	H	Quicksand (Belly River)	
NW	9	25	1		1930	D	48c	2400	16	12		1			D,S	S	Sd & gr (dr)	Well goes dry at times. Owner has another similar well. (CB)
SE	16	25	1		1936	D	48c	2400	20	16		.5			D,S	H	Sd & gr (dr)	Water level varies. (CB)
NE	17	25	1			Dr	24?	2420	72	32		112.5			D,S		Sd (Belly River)	
SE	18	25	1			D?	24	2500	50	45		1					Sd (Belly River)	

NW	31	25	1		1920?	D	48c	2400	12	7		<1			D,S	H	Sandy cl (dr)	(CB)
NE	32	25	1			B?	24	2460	65	40		112.5			D,S		Sandy gr (Belly River)	
SE	4	25	2	McGee	1918	Dr	4 1/2c	2400	320	180		VG			D,S	S	Grey quicksand (Belly River)	(CB)
NW	5	25	2		1942	B	24c		22	12		3			D,S	H	Black sd (Belly River)	Owner has another similar well. (CB)
SW	6	25	2		1920	B	24c	2450	90	70		.5			D,S	H	Ss in blue cl (Bearpaw)	(CB)
SW	10	25	2	McGee	1930	Dr	6c	2400	148	48		VG			D,S	H	Black sd (Belly River)	(CB)
NE	14	25	2		1928	B	24c	2420	80	65		<1			D,S	H	Sd (Belly River)	(CB)
SW	15	25	2	McGee	1920	Dr	5c	2300	300	135		P			D	S	Sandy quick-sand (Belly River?)	(CB)
	15	25	2	Beagrie	1955	Dr	6c		185	60		30	0	120	D			0-15 cl, 15-80 sd, 80-182 sandy cl, 182-185 gr
NW	16	25	2		1919	B	24c	2340	75	57		>1			D,S	H	Sandy gr (Belly River)	(CB)
NW	16	25	2		1946	D	48c	2300	9	6.5		<1			D	H	Cl (dr)	(CB)
SW	18	25	2		1926	B	24c	2325	90	70		>1			D,S	H	Sd (Belly River?)	(CB)
NW	19	25	2		1920?	B	24c	2350	50	35		<1			D,S	H	Cl (Bearpaw?)	(CB)
NE	20	25	2		1928	B	24c	2340	100	75		<1			D,S	H	Sd & gr (Belly River)	(CB)
NW	21	25	2		1929	D	48c	2300	20	15		<1			D,S	H	Sd (dr)	(CB)
NE	21	25	2		1943	D	36c	2330	45	35		<1			D,S	H	Sd (Belly River)	Has another similar well. (CB)
NE	23	25	2		1920	B	24c	2400	80	70		<1			D,S	H	Sd (Belly River)	(CB)
SW	27	25	2		1943	B	24c	2350	62	52		<1			D,S	H	Sandy gr (Belly River, Bearpaw)	(CB)
SW	27	25	2	McGee	1945	Dr	6c	2339	110	45		VG			D	H	Gr (Belly River)	(CB)
SW	27	25	2		1914	B	24c	2300	54	34		.5			D,S	H	Blue cl (Bearpaw)	(CB)
SW	27	25	2		1945	B	24c	2339	70	50	70	P			D,P	H	Sd & gr (Belly River?)	Owner has two other similar wells. (CB)
SE	28	25	2		1936	B	24c	2330	60	40		>2			D,S	H	Sd in blue cl (Bearpaw, Belly River)	(CB)
SW	30	25	2		1946	B	24c	2350	25	20		P			D	S	Cl (dr)	(CB)
NE	30	25	2		1921	B	24c	2420	95	85		>1			D,S	H	Sd (Belly River)	(CB)
SE	32	25	2		1920	B	24c		127	92		<1			D,S	H	Sandy gr (Belly River)	(CB)
SE	34	25	2		1926	B	24c	2380	80	77		VP			D	H	Ss in blue cl (Bearpaw, Belly River)	(CB)
NE	34	25	2		1934	B	24c	2380	65	40	65	<1			D,S		Ss in blue cl (Bearpaw, Belly River)	(CB)
NW	36	25	2		1920	B	24c	2400	80	60		<1			D,S	H	Sandy gr (Belly River)	(CB)

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Drawdown or recovery (ft.)	Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
NW	1	25	3		1920	D	24c	2400	15							H	Sd (Belly River?)	Well is useless because it is filled in with black mud. (CB)
NE	2	25	3		1934	B	24c	2400	36	14		<1			D,S	S	Blue cl (Bearpaw)	(CB)
NW	6	25	3		1930	B	24c	2600	45	15		.5			D,S	H	Blue cl (Bearpaw)	(CB)
SW	11	25	3		1941	B	24c	2450	100	85		1			D,S	H	Quicksand (Belly River)	(CB)
SE	27	25	3		1920?	B	24c	2430	165	115		.5			D,S	H	Quicksand (Belly River)	Owner has a similar well. (CB)
NW	28	25	3		1917	B	24c	2460	85	55		>2			D,S	VH	Ss in blue cl (Bearpaw, Belly River)	(CB)
NE	34	25	3		1928	D	36c	2480	65	59		<1			D,S	H	Blue cl (Bearpaw)	(CB)
NW	35	25	3		1930	D	36c	2430	29	26		<1			D,S	H		(CB)
SE	1	25	4		1935	B	24c	2600	80	60		>1			D,S	H	Ss in blue cl (Bearpaw, Belly River)	Owner has a similar well. (CB)
SW	9	25	4		1929	B	24c	2650	80	80		P			D	H		(CB)
SW	10	25	4		1929	D	48c	2650	12	8		VG			D,S	S	Gr (dr)	Owner has a similar well that varies with the seasons. (CB)
NE	15	25	4		1920?	D	48c	2650	14	10		<1			D	H	Gr (dr)	Well is now abandoned. (CB)
SW	17	25	4		1912	B	24c	2660	84	80		<1			S	H	Blue cl (Bearpaw)	Water level varies with dam. (CB)
SW	18	25	4		1915	D	36c	2600	28	18		>1			D,S	H	Dr	(CB)
SE	21	25	4		1930	B	24c	2650	45	30		>1			D,S	H,A	Blue cl (Bearpaw)	(CB)
NW	22	25	4		1916	B	24c	2600	52	10		>1			D,S	H	Blue cl (Bearpaw)	(CB)
NW	22	25	4			D	36c	2700	8	6		VP			D	S	Sd (dr)	(CB)
NW	28	25	4	Androchuk	1928	B	24c	2600	20	15		1			D,S	S	Sd (dr)	(CB)
SW	30	25	4		1920	D	36c	2700	30	23		<1			D,S	S	Yellow cl (dr)	(CB)
SW	30	25	4		1928	D	36c	2700	15	7		<1			D,S	S	Sd (dr)	Owner has a similar well. (CB)
NE	30	25	4		1929	B	24c	2650	80	75		P			D,S	H	Sd in blue cl (Bearpaw)	Water is salty. (CB)
NE	30	25	4		1932	B	24c	2650	35	20		1			D,S	H	Quicksand in cl (Bearpaw)	Owner has a similar well. (CB)
SE	31	25	4			B	24c	2650	80	75		<1			D,S	H	Ss in blue cl (Bearpaw)	(CB)
SE	32	25	4		1925	B	24c	2700	50	25		<1			D,S	H,A	Sd in blue cl	(CB)

SW	32	25	4		1929	B	24c	2600	80	70		<1	D,S	H	Ss in blue cl (Bearpaw)	(CB)
SE	32	25	4		1920	B	24c	2700	80	40		<1	D,S	H	Blue cl (Bearpaw)	(CB)
SE	33	25	4		1920	B	24c	2580	50	10		<1	D,S	S	Blue cl (Bearpaw)	(CB)
SE	33	25	4		1930	B	24c	2650	40	30		<1	D,S	H	Blue cl (Bearpaw)	(CB)
SW	1	25	5		1913	D	48c	2500	17	16		>1	D,S	MH	Gr (dr)	There is a similar well close by. (CB)
SE	3	25	5		1918	Dr	2c	2600	200	30		VG	D,S	S	Blue sd (Belly River)	0-2 topsoil, 2-30 brown cl, 30-195 blue cl, 195-200 blue sd; well is not used now. (CB)
NW	6	25	5		1919	Dr	2c	2500	200	75		VG	D,S	H	Belly River?	Well is abandoned now. (CB)
NE	7	25	5	Logan	1930	B	24c	2500	45	6		1	D,S	H	Quicksand in blue cl (Bearpaw)	(CB)
NE	7	25	5		1945	D		2500	12	9		<1	D	S	Cl (dr)	Sd most of the way down (CB)
NE	7	25	5		1930	D	48c	2500	12	11		P	D	H	Grey cl (dr)	Water level varies with seasons. (CB)
NW	9	25	5		1945	B	24c	2550	42	12	30-42	<1	D	MH	Soft ss (Belly River)	(CB)
NW	9	25	5		1943	D	36c	2500	7	5		VG	D,S	H	Gr (dr)	(CB)
SE	10	25	5	Androchuk	1922	B	24c	2600	32	30		<1	D,S	H	Sd (dr)	(CB)
SW	11	25	5		1920	B	24c	2600	60	30		1	D,S	H	Bearpaw?	(CB)
NW	13	25	5	Gullekson	1915	B	24c	2600	58	33		.5	D,S	H,I	Blue cl (Bearpaw)	(CB)
NE	13	25	5		1925	B	24c	2650	50	35		>2	D,S	H	Belly River?	(CB)
SE	15	25	5	Logan	1911	D&B	24c	2500	50	40		<1	D,S	H	Gr in blue cl (Bearpaw - grit bed?)	(CB)
SW	21	25	5		1921	D	48c	2600	20	16		>1	D,S		Gr (dr)	(CB)
NE	21	25	5		1917	Dr	2c	2600	250			VG	D,S	S	Sd (Belly River)	(CB)
SE	23	25	5	Androchuk		B	24c	2550	80	4	4-8	P	D	S	Sd (dr)	There is very slow seepage. (CB)
SE	24	25	5	Anderburg & Sons	1958	Dr	5		350	D						0-45 sd, gr, & boulders, 45-101 brown cl, 101-200 grey sh, 200-245 dark sh, 245-246 bentonite, 246-350 dark sh
SE	24	25	5	Bain	1935	B	24c	2600	146	143		<1	D,S	H	Blue cl (Bearpaw)	(CB)
SE	24	25	5	Norbloom	1920	B	24c	2600	90	85		<1	D,S	H	Blue cl (Bearpaw)	(CB)
SE	24	25	5		1923	B	24c	2750	147	144		<1	D,S	H	Blue cl (Bearpaw)	Owner had a drilled well over 400 ft. deep that was dry. (CB)
SE	24	25	5		1930	B	24c	2750	90	85		P	D,S	H	Blue cl (Bearpaw)	It is hard to find water in this vicinity; there are more than a dozen wells with little water. (CB)
NW	25	25	5		1925	B	24c	2700	97	70		>1	D,S	H	Blue cl (Bearpaw)	(CB)
NE	27	25	5		1925	B	24c	2650	78	48	48-78?	>1	D,S	S	Blue cl (Bearpaw)	(CB)
NW	29	25	5		1926	D	48c	2500	20	5		VG	D,S	MH	Blue cl (Bearpaw?)	13 ft. of blue cl (CB)

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test Results Yield or test rate (gpm)	Drawdown or recovery (ft.)	Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
NE	30	25	5	Bain	1929	B	18c	2550	25	18		>2			D,S	MH	Sd (dr?)	(CB)
SW	35	25	5		1938	D	36c	2600	20	12		<1			D	H	Sd & gr (dr)	(CB)
SW	35	25	5	Schonik	1920	Dr	3c	2600	210	20		VG			D,S	S,So	Blue cl (Bearpaw)	(CB)
SE	1	25	6	Gilman	1912	Dr	5 5/8c	2550	100	72		VG			D,S	H	Blue cl (Bearpaw)	(CB)
NE	2	25	6	Natrass	1914	Dr	2c	2560	250	100		VG			D,S	S	Blue cl? (Bearpaw)	(CB)
SE	3	25	6		1926	B	24c	2600	102	88		>2			D,S	H	Ss in blue cl (Bearpaw)	(CB)
SE	5	25	6		1946	D	48c	2570	40	30		>1			D,S	H	Sd (Belly River?)	(CB)
SE	5	25	6		1946	D	48c	2560	55	25		>1			D	H	Sd (Belly River)	(CB)
NW	9	25	6		1946	B	24c	2600	30	23		>1			D,S	H	Quicksand (Belly River)	(CB)
NW	9	25	6		1945	D	48c	2600	21	7		<1			D,S	H	Blue cl (Bearpaw) Ss (Belly River?)	5 ft. of blue cl mixed with ss (CB)
SW	14	25	6	Natrass	1918	Dr	2c	2600	330	250		VG			D,S	H		Water gets muddy easily. (CB)
SE	17	25	6		1912	D	36c	2610	42	39		<1			D,S	MH	Sd (Belly River)	(CB)
SW	17	25	6	Logan	1929	B	24c	2610	60	50		VG			S	S	Sd (Bearpaw contact)	Well is not used now. (CB)
NE	17	25	6			D	48c	2610	30	4		VG			S	S	Gr (dr?)	Well is abandoned. (CB)
SE	19	25	6	Logan	1934	B	24c	2620	48	22		>1			D,S	MH	Blue cl (Bearpaw)	(CB)
NE	21	25	6		1920?	Dr	2c	2550	340	100		VG			D,S	H	Sd (Belly River)	(CB)
SW	21	25	6		1914	D	36c	2610	32	15		VG			D,S	S	Ss in blue cl (Bearpaw)	0-9 gr, 9-27 blue cl, 27-32 ss (CB)
SE	22	25	6	Natrass	1924	Dr	2c?	2600	240	136	143,204	<1			D	H,A	Blue cl (Bearpaw)	(CB)
NE	22	25	6		1919	Dr	2c?	2600	200	100		VG			D,S	H	Blue cl (Bearpaw)	(CB)
SW	23	25	6	Natrass	1919	Dr	2c	2600	240	100		VG			D,S		Black sd in blue cl (Bearpaw)	(CB)
NW	23	25	6		1920	Dr	2c	2600	250	80		VG			D,S	H	Blue cl (Bearpaw)	Well is filled in to 120 ft. with sd. (CB)
SW	25	25	6		1929	D	36c	2600	30	20		<1			D,S	H	Quicksand in blue cl (Bearpaw)	(CB)
NW	25	25	6		1914	D	36c	2600	11	7		VG			D,S	H	Gr (dr)	(CB)

SW	26	25	6		1919	Dr	2c	2600	250	80		VG	D,S	H	Blue cl (Bearpaw)	(CB)
SW	28	25	6		1944	B	24c	2600	36	21		1	D,S	H	Blue cl (Bearpaw)	35 ss (CB)
SW	28	25	6		1928	D	30c	2660	20	18		P		MH	Blue cl (Bearpaw)	(CB)
NW	30	25	6	Norbloom	1912	B	24c	2600	70	50		<1	S	H	Blue cl (Bearpaw)	(CB)
NE	32	25	6		1932	D	48c	2620	16	10		>2	D,S	H	Gr (dr)	(CB)
SW	33	25	6		1925	D	48c	2610	26	20		2	D,S	H	Sd (dr)	(CB)
NW	34	25	6		1913	B	24c	2590	85	60		VG	D,S	S	Cl	Well is abandoned now. (CB)
NW	34	25	6		1917	Dr	2c	2590	200	90		VG	D,S	H	Blue cl (Bearpaw)	Well was originally 300 ft. deep. (CB)
NE	36	25	6		1930?	D	48c	2590	35	30		<1	D,S	H	Blue cl (Bearpaw)	Owner has three other similar wells. (CB)
NW	8	25	7	B. Burgess	1959	Dr			36				D			Bottomed in cl
NE	10	25	7		1942	D	48c	2480	12	7		<1	D,S	H,A	Sd (dr)	(CB)
14	15	25	7	R. Schaffer	1964	Dr	4 1/2		255		120-255		D			0-40 yellow sd, 40-45 blue cl, 45-60 yellow sd, 60-65 blue cl, 65-110 sd & cl, 110-125 blue cl, 125-180 sd & cl, 180-230 cl, 230-250 coarse sd & cl, 250-255 coarse sd, 255-263 blue sh
SE	17	25	7		1945	D	48c	2500	13	9		>2	D,S	S	Sd & gr (dr)	(CB)
SE	20	25	7		1914	B	18c	2510	70	50		1	D,S	H	Blue cl (Bearpaw)	(CB)
NE	23	25	7		1918	D	48c	2510	14	11		VG	D,S	MH	Sd (dr)	There is a spring below this well. (CB)
SE	29	25	7		1944	D	48c	2500	14	9		2	D,S	MH	Sd (dr)	Well goes dry in dry weather. (CB)
NW	30	25	7		1932	D	48c	2600	18	16		P	D	H	Sd (dr)	Water level varies with slough. (CB)
SE	30	25	7			D	48c	2520	25	26?		P	D,S	H	Blue cl (Bearpaw)	(CB)
SW	9	25	8		1923	D	42c	2450	18	13	13.5	>1	D,S	MH	Sd (dr)	Well can be pumped dry. (CB)
SE	13	25	8		1936	D	48c	2600	26	12		<1	D,S	H	Blue cl (Bearpaw)	Well is never dry. (CB)
NW	25	25	8	James	1916	Dr	6c	2600	249	209		<1	D,S	H	Ss (Bearpaw)	(CB)
SE	1	25	9	Hughes	1935	Dr	2c		290	160		<1	D,S	H	Blue sh (Bearpaw)	(CB)
NE	9	25	9		1946	Dr	5c		134	90	102	VG	D,S	A	Gr	(CB)
SW	24	25	9	Good	1915	B	24c		80	25		<1	D,S	H	Blue cl (Bearpaw)	(CB)
NE	30	25	9		1913	D	36c	2560	18	15		<1	D,S	H	Gr (dr)	Well can be pumped dry. (CB)
NE	31	25	9		1915	D	48c	2560	30	24		P	D	H	Blue cl?	(CB)
NE	31	25	9		1928	D	48c	2560	18	8		<1	D,S	H	Blue cl (Bearpaw)	(CB)
SW	33	25	9		1916	B	24c	2523	36	8		VG	D,S	H	Blue sh (Bearpaw)	(CB)
NE	3	25	10	Wilcox	1945	Dr	6c	2400	100	88		12.5	D,S	H,A	Blue cl (Bearpaw)	Well was originally 150 ft. deep. (CB)
NW	31	25	10	Williams	1925	B	24c	2550	80	50		.5	D,S	H	Blue cl (Bearpaw)	(CB)

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
NE	36	25	10	Hansen	1912	B	36c	2485	56	36		1			D,S	H	Sd & gr in Bearpaw	0-32 blue cl, 32-55 sd & gr (CB)
NW	30	25	11		1943	Dr	5c	2500	128	56		>2			D,S	H	Blue grey sh (Bearpaw)	(CB)
NW	35	25	11	Wilcox	1945	Dr	6c	2510	120	40		3			D,S	H	Cl (Bearpaw)	(CB)
SW	36	25	11		1915	D	48c	2490	30	10		<5			D,S	H	Gr (dr)	This is not good drinking water. (CB)
NW	1	25	12		1914	B	24c	2450	63	53		VG			D,S	H	Sd in blue cl (Bearpaw)	(CB)
SE	2	25	12		1937	B	36c	2450	42	33		>2			D,S	S	Sd in blue cl (Bearpaw)	(CB)
NE	3	25	12		1923	Dr	4c	2443	200+			<1			D	S	Sd (Bearpaw)	Well is abandoned now. (CB)
NE	3	25	12		1920	D	48c	2443	40	35		<1			D,S	H	Blue cl? (Bearpaw)	This is poor water. (CB)
NE	5	25	12		1920?	D	36c	2370	75	72		.5			D,S	H	Blue cl (Bearpaw)	(CB)
SE	9	25	12		1910	D	48c	2400	22	10		3			D,S	H	Sd (dr)	Owner has a similar well. (CB)
NE	11	25	12		1944	Dr	5c	2450	81	28		VG			D,S	H	Gr (dr)	(CB)
NE	14	25	12	Spence	1963	Dr	6		95	30	90-95	8	30 -30	60 10			Sd	1-30 brown cl, 30-60 quicksand, 60-90 blue cl, 90-95 sd
NE	14	25	12	Spence	1963	Dr	6		51	25	48-51	8	10 -10	120 2	D	H,I	Sd	1-42 brown cl, 42-48 blue sh, 48-51 sd
SE	28	25	12		1945	D	48c	2410	40	35		>2			D,S	H	Sd (Bearpaw)	Sd is above blue cl dr. Owner has two other similar wells. (CB)
SE	33	25	12		1912	D	36c	2400	60	55		<1			D,S	H	Blue cl (Bearpaw)	(CB)
SE	33	25	12	Spence	1963	Dr	6		107	45	82-85, 105-107	5	15 -15	10 5	D	H,I,A	Sd	1-20 brown sh, 20-60 blue sh, 60-80 quicksand, 80-82 blue sh, 82-85 sd, 85-102 quicksand, 102-105 blue sh, 105-107 sd; hardness 1000+, alkalinity 335, iron 2.0
SE	2	25	13		1936	D	48c	2400	30	27		<1			D,S	S	Sd (dr)	Owner has another similar well. (CB)
NE	10	25	13		1936	B	24c	2450	70	50		>2			D,S	S	Sd in blue cl (Bearpaw)	(CB)
SW	16	25	13		1936	B	24c	2450	30	15		P			D,S	S	Ss in blue cl (Bearpaw)	There is a similar well on the property. (CB)
8	2	25	14	Harvey	1964	Dr	4 1/2		55	20	20-45	5	0	60	S	MH,I		0-6 cl, 6-40 gr & sd, 40-55 blue cl
NW	2	25	14		1920?	D	36c	2440	60	54		.5			D,S	H	Yellow cl (dr)	(CB)
NW	4	25	14	Wilcox	1942	Dr	6c	2440	115	60		>1			D,S	H	Bearpaw?	(CB)
2	5	25	14	Harvey	1964	Dr	4 1/2	2450	65	18	21-52	8	12 -12	30 10	S	MH		0-21 cl, 21-36 gr, 36-42 sd, 42-46 gr, 46-52 sd, 52-65 sandy, shaly
NW	5	25	14		1915	D	48s	2420	15	2		<1			D,S	S	Sd (dr)	(CB)
1	5	25	14	Harvey	1964	Dr	4 1/2	2450	45	30	30-40	2		180	S	H,I	Gr	0-30 cl & boulders, 30-40 gr, 40-45 sandy cl

NE	6	25	14		1913	D	36c	2420	40	34		<1			D,S	H	Gr (dr)	Water level varies with seasons. (CB)
NE	12	25	14		1910	D	42c	2440	50	45		3			D,S	H	Hard gr (dr)	(CB)
SE	17	25	14		1920	D	48c	2400	2	0		VG			D,S	H,A	Gr (dr)	This is a flowing spring. (CB)
SE	27	25	14		1912	D	48c	2500	25	12		>2			D,S	H	Sd (dr)	Owner has another similar well. (CB)
1	27	25	14	Harvey	1964	Dr	4 1/2	2640	55	24	36-55	4	20 -20	120 90	S	MH,I		0-12 sd & rock, 12-26 blue cl, 26-27 sd, 27-31 blue cl, 31-34 gr, 34-36 cl, 36-45 gr, 45-46 cl, 46-55 gr
9	32	25	14	Harvey	1961	Dr	4 1/2	2555	55	31	35-51	G			S	H,A	Gr	0-35 cl & rock, 35-48 gr, 48-55 sh
NE	32	25	14		1946	D	48c	2550	40	25		>1			D,S	H	Coarse gr (dr)	(CB)
5	13	25	15	Harvey	1964	Dr	4 1/2	2475	80	52	52-75	6	0	30	D	MH, A,I	Gr	0-52 cl, 52-75 gr, 75-80 sh
SE	22	25	15	McCemsey	1916	Dr	6c	2490	50	15		2			D,S	H	Gr (dr)	(CB)
SW	23	25	15		1920	D	48c	2480	15	10		VG			D,S	H	Gr (dr)	(CB)
SW	23	25	15		1916	Dr	6c	2480	50	20		>1			D,S	H	Gr (dr)	(CB)
NW	24	25	15		1916	Dr	6c	2510	90	30		<1			D,S	H	Gr (dr)	Well is caved in to 40 ft. (CB)
SW	18	25	17	C. Anderson	1962	Dr	5 3/8c	2920	150	40	148-152	4		120	S	MH	Gr	0-20 al & boulders, 24-40 sd, 40-80 cl, 80-90 sd, 90-148 blue cl, 148-152 gr
NE	7	25	18	Hi Rate	1959	Dr	2 1/2		154	50	151-153	1.5		600	D	S	Ss	0-9 sandy cl, 9-37 cl, 37-123 sandy cl & gr, 123-130 sh, 130-132 ss, 132-140 sh, 140-144 ss, 144-151 sh, 151-153 ss, 153-154 sh
NE	36	25	18	Russell		Dr	5 5/8c		140	130		12	5	840	D			75-85 gr, bottomed in gr & sd
		25	19	Anderburg & Sons	1957	Dr	5 1/2c		120	92		25			D			0-114 till, 114-120 gr
	29	25	24	Gerritsen	1965	R	4 1/2		160	16	155	4						0-20 brown cl, 20-120 soft blue cl with sd layers, 120-122 gr, 122-142 soft blue cl, 142-145 blue ss, 145-155 blue cl, 155-160 blue ss
	21	25	25	Gerritsen	1963	Dr			125									0-7 sandy, 7-15 brown cl, 15-17 sd, 17-70 blue cl, 70-78 blue sh-cl, 78-80 coal, 80-125 sh
11	24	25	25	Northern Water Supply	1962	Dr	5 1/2		200	F	135&164, 172-180	5	200 -200	15 240	D	S		0-2 sd, 2-10 silty cl, 10-16 sd, 16-135 blue cl, 135-136 sd, 136-164 blue cl & boulders, 164-167 sd, 167-171 blue sh, 171-174 ss, 174-178 blue sh, 178-180 hard grey sh, 180-200 blue sh; water at 135 & 164 ft. was cased off.
	8	25	26	M. & M.	1965	R	4 1/2		160	23	135-140	1.5	107 -107	15 1440	D	S		0-15 brown cl, 15-65 blue cl, 65-93 blue sh, 93-97 ss, 97-130 blue sh, 130-140 sh & ss ledges, 140-160 sh; water is salty.
	8	25	26	Gerritsen	1964	Dr	5 1/2, 4 1/2c		140	15		3	125					0-24 brown cl, 24-56 blue cl, 56-59 brown rock, 59-70 blue cl, 70-86 blue sh, 86-90 rock, 90-120 sh & cl, 120-122 rock, 122-140 sh
NW	32	25	26	Beagrie		Dr			216	D								
NE	36	25	26	T. Green	1961	Dr	2		265	100	95-100, 240-260	4	0	180	D			0-35 cl, 35-85 slate, 85-87 br, 87-245 sh, 245-265 ss
		25	27	W. Smith	1956	Dr	5c		65	23		10			D			0-3 topsoil, 3-23 brown cl, 23-33 stones & brown cl, 33-44 blue cl, 44-54 stones & grey cl, 54-60 coarse gr, 60-65 grey cl
SE	9	25	27	Lawson	1965	R	5		150	34	138-140	5	110 -94	4 35				0-19 cl & boulders, 19-150 sh rock & ss
SE	9	25	27			R	5		40	13	34	20	16 -16	60 1				0-18 cl & boulders, 18-40 sh rock & ss

Location West of 4th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Yield or test rate (gpm)	Test results Drawdown or recovery (ft.)	Test results Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
4	6	25	28	Erickson & Kangas	1963	Dr	4 1/2		200	20	48-55	2	96 -96	120 240	D	H,A		0-10 cl, 10-25 gr, 25-40 sd, 40-55 ss, 55-75 blue sh, 75-80 hard rock, 80-105 blue sh, 105-115 hard rock, 115-145 blue sh, 145-150 hard rock, 150-180 blue sh, 180-190 hard rock, 190-200 blue sh
16	8	25	28	McDonald	1964	Dr	6		150	20	85	3	80 -80	60 120		MH		0-60 cl, 60-150 sh & ss
NW	23	25	28	Northern Water Supply	1962	Dr	5 1/2, 4 1/2c		100	16	88-95	15	70 -70	30	D	S	Hard ss	0-32 cl with pebbles, 32-37 blue sh, 37-42 ss, 42-60 blue sh, 60-65 hard ss, 65-70 soft ss, 70-72 hard ss, 72-88 soft ss, 88-95 hard ss, 95-100 soft ss
	24	25	28	C. Anderson		R	5 1/2c		100	50	90	24	10 -10	10 20				0-6 cl & boulders, 6-11 ss, 11-28 cl & boulders, 28-30 ss, 30-38 sh, 38-43 sd, 43-57 sh, 57-59 ss, 59-86 sh, 86-92 ss, 92-100 sh
NE	24	25	28	Northern Water Supply	1963	Dr	4 1/2		143	40	104-110, 118	7.5	103 -103	40	D	S		0-1 topsoil, 1-22 cl with pebbles, 22-60 layers of cl with sd streaks, 60-62 blue sh, 62-68 ss, 68-87 blue sh, 87-118 ss, 118-143 grey sh
SE	29	25	28	Northern Water Supply	1962	Dr	5 1/2, 4 1/2c		63	29	54-58	20	16 -16	40 4	D	S	Ss	0-1 topsoil, 1-30 cl with pebbles, 30-45 blue sh, 45-47 ss, 47-54 grey sh, 54-58 ss, 58-63 grey sh
	3	25	29	Interprovincial	1965	CT			220		190-193	1		60	D	S	Ss	0-30 silty cl, 30-56 blue sh, 56-79 grey sh, 79-114 ss, 114-149 grey sh, 149-190 blue sh, 190-193 ss, 193-220 blue sh
SW	3	25	29	Gerritsen	1963	Dr			80									0-7 brown cl, 7-22 brown sh, 22-31 blue sh & cl, 31-33 blue ss, 33-46 blue sh, 46-60 blue ss, 60-80 blue sh
SW	3	25	29	Gerritsen	1963	Dr			150	28		1						0-9 brown cl, 9-12 rock layers, 12-20 brown hard sh, 20-22 blue ss, 22-29 blue sh, 29-32 blue ss, 32-38 blue sh, 38-39 blue ss, 39-42 blue sh, 42-43 blue ss, 43-48 black sh, 48-49 blue ss, 49-75 blue sh, 75-77 blue ss, 77-103 blue sh, 103-104 blue ss, 104-115 sh, 115-117 blue ss, 117-136 sh, 136-138 hard ss, 138-150 sh
SW	3	25	29	Gerritsen	1963	Dr			135									0-8 brown cl, 8-10 brown ss, 10-15 brown hard sh, 15-41 blue hard sh, 41-55 blue ss, 55-135 blue sh & cl, 135 limestone
SW	3	25	29	Gerritsen	1963	Dr			80									0-8 brown cl, 8-10 brown ss, 10-15 brown sh, 15-17 blue sh, 17-18 blue ss, 18-45 blue sh, 45-53 ss, 53-80 blue sh
SW	3	25	29	Gerritsen	1963	Dr			70									0-8 brown cl, 8-10 brown ss, 10-15 brown sh, 15-17 blue sh, 17-19 blue ss, 19-47 blue sh, 47-52 ss, 52-70 blue sh

SW	3	25	29	Gerritsen	1963	Dr		70							0-10 brown cl, 10-21 brown sh, 21-28 blue cl, 28-30 blue ss, 30-45 blue sh, 45-60 blue ss, 60-70 blue sh
NW	33	25	29	Northern Water Supply	1961	Dr	5	62	20	20-26, 45-57	15	24	15	D	0-20 sandy cl, 20-57 ss, 57-62 sh

Location West of 5th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Yield or test rate (gpm)	Test results Drawdown or recovery (ft.)	Test results Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
4	8	13	2	Pregoda	1960	Dr	5		50	12	10-14, 48-50	1.5		20?	D		Coarse sd	0-10 cl, 10-14 coarse sd, 14-30 sh, 30-32 coarse sd, 32-44 sh, 44-48 hard ss, 48-50 coarse sd
13	23	13	2	J. Maughan	1965	C	6		88	F	88	60		720	P	S		0-4 cl, 4-10 cl & gr, 10-88 dr (sd & gr @ 80)
NE	21	14	2	DeForas	1965	C	5 1/2		82	17	62-82	20	0	120	D,S	S		44 br, bottomed in sh
1	22	14	2	J. Maughan	1965	C	6		148	40	80-82, 145-148	1	108	60?	D	S		0-22 gumbo, 22-35 grey sh, 35-40 sandy sh, 40-70 grey sh, 70-82 sandy sh, 82-105 grey sh, 105-108 sandy sh, 108-110 ss, 110-138 grey sh, 138-148 ss
SW	16	15	2	Webster	1965	C	7		100	4		2	70	480	S			0-18 cl & boulders, 18-19 gr, 19-30 sandy cl, 30-32 ss, 32-54 sh, 54-60 limestone, 60-69 sh, 69-72 ss, 72-92 sh, 92-93 ss, 93-96 sh, 96-99 ss, 99-100 sh
													-70	15?				
N1/2	16	15	2	Webster	1965	C	7		71	-5	68	4			S	MH		0-41 cl, 41-55 sd, 55-68 sh, 68-71 ss
NW	16	15	2	Webster	1965	C	7		71	4		4	50	300		MH		0-7 cl, 7-10 gr, 10-19 cl, 19-26 cl & boulders, 26-60 sh, 60-62 ss, 62-71 sh
													-50	120				
16	2	16	2	DeForas	1962	Dr	5 3/8	4300	167	112	152-162				D,S			62 br, bottomed in ss
13	7	16	2	R & P		R	4 3/4		150									0-60 brown cl, 60-150 dark sh & ss; well is abandoned.
13	7	16	2	R & P	1959	Dr	4 3/4		80	F	0-80	.5						0-30 brown cl, 30-80 shattered ss & gr
4	18	16	2	R & P	1959	Dr	4 3/4		20	F								0-12 brown cl, 12-20 shattered ss & gr
3	19	16	2	R & P	1959	R	4 3/4		80									0-20 brown cl, 20-40 shattered ss, 40-80 dark sh & ss; well is abandoned.
NW	11	17	1		1918	Dr	5 5/8c		112	30	104	.1	30	120	D,S	S		60 rock, 60-62 ss, 104-112 sh
NW	13	17	1	Webster	1965	C	6		100	32	80-95	G			D		Sh	0-29 cl & boulders, 29-32 cl & gr, 32-47 cl, 47-50 boulders, 50-72 blue cl, 72-74 Colorado sh, 74-80 blue cl, 80-95 sh, 95-100 blue cl
NE	24	17	1		1918	Dr?	5 5/8c		90	40	85	.5	25	120	D,S	H		9 rock, 9-79 ss, 85-90 ss
NW	36	17	1		1918	Dr?	5 5/8c		50	25	46	.1	25	45	D,S	H		35 rock, 46-50 cl
NE	19	17	2	Thompson	1961	Dr	6		53	0	33	1	53	60	S			0-22 cl & gr, 22-53 sh
	19	17	2	DeForas		Dr	5 3/8		140	D			-53	1800				46 br
SE	19	17	2	Thompson	1961	Dr	6		54	9.5	33	3	20	180	S			0-23 cl, 23-54 grey sh
													-20	3240				
4	19	17	2	DeForas	1964	Dr	4 1/2c		158?	56		3		120?	S	S		8 sh
NW	24	17	2		1917	Dr	5 5/8c		63	25	58	.6	15		D,S	S		17 rock, 17-50 ss, 58-63 soapstone
NE	25	17	2		1917	Dr	5 5/8c		58	20	58	.1	20	120	D,S	H		11 rock, 11-58 ss, 58 gr
1	36	17	2	DeForas	1958	Dr	4 5/8		138		112-116	5	100	60	D,S	S		20 br
SW	25	17	4	Northern Water Supply	1960	Dr				D								0-8 gr, 8-75 sh
NE	2	18	1		1918	Dr	5 5/8c		56	16	52	VG			D,S	H		20 rock, 52-56 cl
13	2	18	1	DeForas	1965	C	5 1/2		125	50		3	70	120	S	MH		30 br, bottomed in sh
NW	5	18	1		1917	Dr	5 5/8c		96	50	90	.2	30	240	D,S	S		13 rock, 13-90 ss, 90-96 sh

9?	13	18	1	DeForas	1963	Dr	5 3/8	114	44	97-114	8		120	D,S	S		24 br, bottomed in sh
NE	23	18	1	DeForas	1962	Dr	5 3/8	59	8	42-56	2.5			S	S		14 br, bottomed in sh
NE	23	18	1	DeForas	195?	Dr	5 3/8c	103		92-103	2.5		660	D	S		
11	27	18	1	Thompson	1958	Dr	5 1/2	112	24	38-112	9	55	120	S	MH		0-37 yellow cl, 37-71 blue cl, 71-112 sh
												-9	15				
	31	18	1	DeForas	1960	Dr	5 3/8c	80	40	76-80	18	0	60	D	H		73 br, bottomed in ss
SW	31	18	1	DeForas	1960	Dr	5 3/8	172		130				D	S		50 br, bottomed in sh & ss; well is abandoned.
	33	18	1	DeForas	1958	Dr	5 3/8	55	6	26-55	27	32		S	S		22 br
SE	2	18	2			Dr	5 5/8c	36	16	30	.4	25		D,S	H		30 rock, 30-36 ss
NW	5	18	2	DeForas	1960	Dr	5 3/8c	83	24	56-78	5	52	120	D	H		50 br, bottomed in sh
SW	5	18	2	DeForas	1960	Dr	5 3/8	56	34	46-56	27	0	120	S			23 br
NW	6	18	2	Thompson	1961	Dr	6	54	8	20-32	15	46	10	S			0-21 cl, 21-54 grey sh
												-34	30				
	9	18	2	Webster	1961	Dr	6 5/8	56	3	54-56	61	0	120	S		Ss	21-54 sh, 54-56 ss; first 21 ft. were dug.
SW	10	18	2	DeForas	1960	Dr	6	74	24	40	<1				S		16 br, bottomed in sh; well is abandoned now.
SW	10	18	2	DeForas	1960	Dr	6	43	40		2		120	S	S		7 br, bottomed in sh
16	13	18	2	DeForas	1964	Dr	5 3/8	47	8		10	4	240	D,S	S		Bottomed in gr
SE	16	18	2	Thompson	1960	Dr	6	76	59	67-76	15	0	60	S		Gr	0-23 gr, 23-67 silt, 67-76 gr
	20	18	2	Webster	1961	Dr		177	99	128-130				D		Ss	0-35 brown cl, 35-55 quicksand, 55-85 blue cl, 85-118 gr, 118-120 ss, 120-128 sh, 128-130 ss, 130-166 sh, 166-174 ss, 174-177 sh
7	4	18	3	Thompson	1961	Dr	6	140	26	59	2			I			0-19 cl, 19-140 black sh
7	33	18	3	DeForas	1958	Dr	5 3/8	40	32	36-40	12	0		S	MH		40 br
12	34	18	3	DeForas	1958	Dr	5 3/8	56	44	50-56	12	0			MH		
NE	1	19	1	DeForas	1959	Dr	5 3/8	83	12	70-76	5				S		83 br
NW	2	19	1	DeForas	1960	Dr	5 3/8	75	8	60-75	18	22	60	D,S	MH		20 br, bottomed in ss
SE	14	19	1	DeForas	1960	Dr	5, 4 1/2c	314	60	293-312	2	224	1440	D,S	S		40 br, bottomed in sh; driller only cleaned this well. Water level dropped 80 ft. to 140 ft. when a geophysical test was made on road allowance.
NW	15	19	1	Thompson	1960	Dr	6	108	12	30-108	15	55	15	S		Grey sh & small gr	0-30 cl, 30-108 grey sh & small gr
												-38	90				
SW	18	19	1		1951	Dr	5c	180	60		G			S			(RCA-G)
SE	29	19	1		1903	D	24c	17			20			S			(RCA-G)
SE	29	19	1		1959	Dr	6c	35			P			D			(RCA-G)
NE	29	19	1			Dr	6,4c	60	26					D			0-29 cl & gr, 29 ss (RCA-G)
SE	29	19	1	Thompson	1959	Dr	5 1/2	36		28-36	25	0	30	D	MH		0-21 cl, 21-36 ss
NE	30	19	1	Thompson	1959	Dr	6	36	18	25	25	0	20	S	MH		21 br
S1/2	32	19	1								G			D			Owner uses spring for stock. (RCA-G)
NE	32	19	1			D,Dr		22	19	20-22	G			D,S			0-5 sh, 5-22 ss; spring is the lowest that it has ever been (1961). (RCA-G)
	32	19	1			Dr		80	F					I			0-20 brown cl & boulders, 20-45 grey cl, 45-80 sh & ss; flowing shot hole.
	33	19	1		1950	Dr	4c	45	18					D			Owner has a similar stock well with a good supply. There is also a spring 200 yds. northeast that flows but is now at a low level, although not at an extreme. (RCA-G)
SW	3	19	2	DeForas	1961	Dr	5 3/8	55	26	50-55	360?	18	120	D,S			50 br
SE	6	19	2		1960	Dr	5	245		20-22	<1			N			20 br, bottomed in sh

Location West of 5th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Drawdown or recovery (ft.)	Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
	8	19	2	Hussey					27	15		>5						
16	9	19	2	Kortmeyer	1950	Dr			142	D								0-95 carbonaceous sh, 95-104 sandy sh; all wells in area are good wells from 35 to 90 ft. deep, usually in gr. This well is unusual as it is sh to bottom with no noticeable break in the formation.
NW	10	19	2		1952	Dr			124			P						Spring is lower than usual but not an extreme. (RCA-G)
6	12	19	2	DeForas	1959	C	5 3/8		121	F	114-121	1	12	1?	S	MH,I		102 br, bottomed in ss
	12	19	2			Dr			80	F								0-45 brown cl & boulders, 45-75 sh & ss, 75-80 gr; flowing shot hole.
NE	15	19	2	Hussey	1963	Dr	6		141	40	11-12, 100-141	4	35 -35	15 180		MH		0-10 yellow cl, 10-15 yellow cl & stones, 15-25 yellow cl, 25-50 bluish sh, 50-60 ss, 60-70 sandy sh, 70-100 firm ss, 100-120 sandy blue sh, 120-141 soft ss; water from 11 to 12 ft. was cased off.
E1/2	15	19	2			Dr			140		75-80, 125	G			S			(RCA-G)
E1/2	15	19	2			Dr			200		70-120	G			D			(RCA-G)
3	15	19	2	Kortmeyer	1950	Dr	5, 4 1/4c		165	70	150-165	VG			D,S	MS	Sd	
5	15	19	2	Kortmeyer	1950	Dr			174	D								0-16 cl, 16-174 sh
1	17	19	2	Adair	1965	C	7		94	18	24-26	P			D	MH	Cl & gr	0-2 topsoil, 2-24 cl, 24-26 cl & gr, 26-45 cl, 45-60 black sh, 60-94 grey sh
	17	19	2	DeForas	1964	Dr	5, 4 1/2c		83	16		<1			D	MH		30 br, bottomed in sh
9	33	19	2	DeForas	1962	Dr	5 3/8		108		80-100	8	0	2880	D,S	S		48 br, bottomed in sh
NW	36	19	2		1957	Dr	5 1/2c		190	116		G			D,S			0-80 cl, 80-180?, 180-190 ss (RCA-G)
	14	19	3	Webster	1961	Dr	6 1/2		32	.3	23-30	10		120	S			0-16 brown cl, 16-17 gr, 17-28 sh, 28-30 hard ss, 30-32 sh
NW	23	19	3	Hussey	1964	Dr	5 1/2		66	10	64-66	8	50 -10	20 180	S			0-2 topsoil, 2-40 blue sh, 40-50 brownish sandy cl, 50-60 cl & stones, 60-66 coarse gr & fine sd
NE	29	19	3	Miskulin	1963	C	5 1/2		98	40	75-98	15	30	30	D	H		0-1 loam, 1-4 organic material, 4-10 gr, 10-14 grey sh, 14-98 grey blue ss
S1/2	29	19	3	Miskulin	1963	C	5 1/2		166	45	166	7	75 -60	30 20?	D			0-165 boulder cl, 165-166 coarse sd
15	35	19	3		1961	R?	24	4096	110.5	58.5		210	20.7 -20.7	1500	I			0-24 cl & sd, 24-77 silt, cl & pebbles, 77-99.5 blue cl & pebbles, 99.5-100 fine sd, 100-103 clayey gr, 103-105 fine sd & gr, 105-110 clayey fine gr, 110-112.5 gr & cl, 112.5-115 cl & pebbles

15	35	19	3	Big Indian		Dr		130			210	27.7 -27.7	1500 50	I			0-85 cl & boulders, 85-98 cl, 98-120 gr, 120-130 sh
15	35	19	3	Big Indian		Dr		90			210	20.7 -20.7	1500 50	I			
NW	24	19	4	Northern Water Supply	1958	Dr	6	60	32	34,54	1	28		D	MH		0-1 topsoil, 1-34 cl & gr, 34-35 sd & gr, 35-39 bentonitic cl, 39-59 cl & gr, 59-60 br
	36	19	4	Webster	1961	Dr		73	20	59-72	<1			D	MH		0-40 brown cl, 40-59 blue cl, 59-70 ss, 70-73 black sh
	36	19	4	Webster	1961	Dr	7	135	49	86-135	2		120	D	MH		0-22 brown cl, 22-55 yellow cl, 55-61 hard ss, 61-85 blue sh, 85-86 hard ss, 86-130 blue sh, 130-135 black sh
NE	29	19	9	C. Anderson		Dr	7 3/8c	100			15						0-6 topsoil, 6-100 ss
SE	3	20	1	Blackwood	1958	Dr	6	50	30	30-50	16	10	60	D			0-6 cl, 6-14 rock, 14-25 soft sh, 25-31 hard ss, 31-50 soft sh & ss
NE	3	20	1		1962	C		125	75	80, 110-120	G			S			0-90 cl ?, 90-125 ss; 105 ft. drilled well went dry. (RCA-G)
1	5	20	1	Hussey	1958	Dr	5 1/2	43	25	30-31	8	5 -5	30 3	S		Ss	0-30 yellow sandy cl, 30-31 ss, 31-43 yellow cl
13	7	20	1		1959	Dr	5c	34	13					D			0-32 cl, 32-34 ss (RCA-G)
13	15	20	1	Thompson	1962	Dr	6	175	105	59-174	8		120				0-36 cl, 36-59 brown sh, 59-86 blue sh, 86-87 ss, 87-173 blue sh, 173-175 ss
SW	16	20	1		1920	Dr	5 1/2c	140			G			S			(RCA-G)
S1/2	17	20	1			S											Spring is lowest it has been since 1946 but never stops flowing. (RCA-G)
	18	20	1		1957	Dr	4c	200	68		5			D,S	S		0-100 cl, 100-200 ss (RCA-G)
SW	19	20	1			Dr	6c	50			VG			D			There are several springs in the area. (RCA-G)
SW	19	20	1				6c	53			VG			S			(RCA-G)
	21	20	1			Dr	8c	40			G			N			(RCA-G)
NE	24	20	1		1919	S			F		4						Spring is located at the base of a 15 ft. ss outcrop of a coulee wall and 30 to 40 ft. below the crest of the bank. (RCA-G)
SW	29	20	1	Thompson	1962	Dr	6	170	D								0-16 cl & gr, 16-33 cl, 33-170 sh
SW	29	20	1	Thompson	1962	Dr	6	56	D								0-12 cl & gr, 12-31 cl, 31-47 blue sh, 47-49 ss, 49-56 sh
8	33	20	1	Thompson	1963	Dr	5 1/2c	46	16	45	15	0	60	S	MH		0-46 cl
SW	33	20	1	Thompson	1959	Dr	5 1/2	60	39	48	20	2 -2	30 4		MH		0-28 cl, 28-32 ss, 32-60 blue cl
SE	33	20	1	Thompson	1961	Dr	6	42	13	42	25	0	120	D	S		0-39 cl, 39-42 ss
	34	20	1	Hussey	1958	Dr	5	73	15	65-70	5	30	60	S	MH		0-30 cl, & stone, 30-55 brown sh, 55-65 blue sh, 65-73 soft ss
SE	34	20	1	Thompson	1961	Dr	6	156	144	151	8	0	120	S	MH		0-53 brown cl, 53-156 grey sh
	34	20	1	Hussey	1958	B	5	32	20	30-32	5	2 -2	30 2	D	MH	Ss	0-30 yellow cl, 30-32 ss
SW	2	20	2	Webster	1961	Dr	7	90		85				S			0-70 cl, 70-80 sh, 80-85 ss, 85-90 sh
	3	20	2	Hussey	1957	Dr	6	46	40	45-46	6					Fine gr	0-28 yellow cl, 28-45 gr & cl, 45-46 fine gr
SE	4	20	2		1939	Dr		72	F					D,S			Well was damaged by seismic crew; new well was drilled and old well came back. (RCA-G)
SE	4	20	2			Dr		125		55							Well is not pumped much but seems all right. (RCA-G)

Location West of 5th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Yield or test rate (gpm)	Test results Drawdown or recovery (ft.)	Test results Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
S1/2	6	20	2			Dr						VG			S			Spring 1/2 mile north flows continuously. (RCA-G)
	9	20	2	Thompson	1960	Dr	9		60	32	53-57	60	10 -10	60 15	P			0-52 cl, 52-60 ss
12	9	20	2						60			40			P		Gr terrace	Supply is supplemented by a 110 ft. drilled well, with a yield of 40 gpm, that went through ss into gr. (RCA-G)
	9	20	2	Kortmeyer	1954	Dr	5, 4 1/2c		95	16	35-40, 80-95	16	54	240	P		Sd	0-15 gr, 15-35 cl, 35-40 sd, 40-70 ss, 70- 95 sd; well was originally 55 ft. deep but was condemned.
	12	20	2			Dr			80	F								0-50 cl & rocks, 50-80 sh; flowing shot hole.
NE	12	20	2		1950	Dr	5 1/2c		18	11					D			0-15 cl, 15-18 ss; spring 200 yds. northwest of house in local low is flowing. (RCA-G)
	12	20	2			D			25	16		G			D			(RCA-G)
NE	13	20	2			S				F		G			D,S			Level has only normal fluctuations. (RCA-G)
SE	13	20	2			Dr	6c		79	30	70-79	G			S			0-25 cl, 25-70 ss, 70-79 aquifer
SE	13	20	2			Dr	6c		22			G			D			0-10 cl, 10-22 ss; well flowed originally during wet years, spring in yard flows except in dry years. (RCA-G)
NW	13	20	2			Dr			100			VG			S			(RCA-G)
NE	14	20	2		1947	Dr	6c		180	130		G			S			(RCA-G)
NE	14	20	2			Dr			168						D,S	S		
NW	15	20	2									VG			D			(RCA-G)
12	23	20	2		1947	C	6,5c		83	58		6						Bottomed in sd; 39 ft. was original water level. (RCA-G)
	24	20	2		1940	Dr	7c		54	29		G						Bottomed in loose sd, terrace deposits; spring 120 yds. southeast of house, 15 ft. below the crest of a slope, flows continually. (RCA-G)
NE	27	20	2				24c		52			400			Ir			32 ft. deep well & 44 ft. deep well 1/4 mile away are used for domestic and stock purposes and both are completed in sd & gr of same terrace deposits. These two wells were unaffected by 10 days continual pumping at 400 gpm, of the irrigation well. (RCA-G)
15	27	20	2						30								Sheep River gr	Another similar 30-ft. well is on the same location. (RCA-G)
	32	20	2			Dr			60	F								0-20 gr, 20-60 sh & ss; flowing shot hole.
		20	2	Foraine	1959	Dr	5 5/8		53	20	35-48	2		120	D	S		0-35 brown cl & mixed gr, 35-45 hard ss, 45-53 sh
NE	1	20	3	Hussey	1959	Dr	6		80	12	78-80	4	56	30			Brown sh	0-30 yellow cl, 30-50 cl & stones, 50-78 blue sh, 78-80 brown sh
	1	20	3	Hussey, Rosell	1946	Dr	6, 4 1/2		40		26-40				S		Sh	0-26 gr, 26-40 sh

Location West of 5th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Drawdown or recovery (ft.)	Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
	36	21	1	Blackwood	1954	Dr	5 3/8c		29	10		16	11	60	P			0-18 dr & boulders, 18-29 rock, blue sh & light grey sh
SE	36	21	1	Blackwood	1954	Dr	6 1/4c		24	9		10	8	60	D			0-10 boulders, 10-24 grey ?
13	8	21	2	Thompson	1959	Dr	6		40	8	36	15	12	30	S	MH		0-40 cl
													-1	30				
	16	21	2	Hussey	1958	Dr	6 5/8		30	23	28-30	10	1	10	D	MH	Soft ss	0-12 gr & cl, 12-28 yellow cl & some stones, 28-30 soft ss
													-1	1				
NW	22	21	2	Webster	1961	Dr	6 5/8		100			P						0-60 cl, 60-80 gr & cl, 80-100 cl
	22	21	2	Webster	1961	Dr	6 1/2		48	22	22-46	.5		120	S	S	Gr	0-22 cl & rocks, 22-46 gr, 46-48 black sh
NW	24	21	2	Thompson	1961	Dr	6		138	121	135-138	7	14	150	S		Gr	0-43 cl, 43-135 grey sh, 135-138 gr
													-14	30				
SW	26	21	2	Northern Water Supply	1964	C	5		254	212	238-245	.75	42	120	D	S		0-1 topsoil, 1-8 yellow cl, 8-10 yellow sh, 10-23 brown ss, 23-36 blue ss, 36-45 blue sh, 45-53 blue ss, 53-64 blue sh, 64-86 grey sh, 86-104 dark grey sh, 104-116 brown ss, 116-123 grey sh, 123-132 brown ss, 132-185 grey sh, 185-208 fine-grained ss, 208-249 ss, 249-254 grey sh
SE	28	21	2	Northern Water Supply	1963	Dr	4 1/2		127	98	102	1.5	29	30	D	MH		0-1 topsoil, 1-19 brown cl, 19-30 blue cl, 30-45 brown cl, 45-51 brown ss, 51-60 blue sh, 60-67 brown ss, 67-77 blue sh, 77-79 brown ss, 79-100 blue sh, 100-108 blue ss, 108-124 blue sh, 124-134 brown ss, 134-136 blue sh
NW	28	21	2	Northern Water Supply	1964	C	5		360	146	179	.5	214	5760	D	S		150-168 grey sh, 168-179 blue sh, 179-184 grey ss, 184-187 blue sh, 187-191 grey ss, 191-201 grey sh, 201-215 hard grey sh, 215-305 hard blue slate sh, 305-308 very hard slate rock, 308-360 hard grey slate sh; well was 150 ft. deep.
NW	36	21	2	Watkins	1958	Dr	6 5/8		52	30	42-46	15	0	60	D			0-20 cl, 20-40 sd, 40-52 ss
	3	21	3	Hussey	1958	Dr	5		51	36	50-51	5	10	30	S	MH		0-30 cl, 30-49 sh, 49-51 ss
													-10	2				
	5	21	3	Hussey		Dr	4c		32	18	30-32	5					Ss	0-30 sandy cl, 30-32 ss
SE	19	21	3	Parsons		Dr	6		165	D								0-70 brown sandy cl & boulders, 70-132 very black soft sh, 132-165 hard sharp black sh; another well 120 ft. deep has a log reading: 0-58 grey soft sandy cl, 58-65 dark cl, 65-120 soft black sh with some hard strips.
SE	20	21	3	Webster	1961	Dr	6 5/8		50	0	38&39				S			0-37 cl, 37-38 ss, 38-40 sd, 40-50 cl
	22	21	3	Hussey	1958	Dr	6		22	10	20	5	2	30	D	MH		0-20 brown cl & stones, 20-22 soft ss
													-2	.5				
NE	33	21	3	Miskulin	1960	Dr	5 1/2		102	12	99-102	7	90	30	D		Fine to coarse sd & gr	0-39 brown cl, 39-99 grey silt & cl streaks, 99-102 fine to coarse sd & gr

4	11	21	4	Hussey	1958	Dr	5	66	F	64-66	3				H		0-40 yellow cl, 40-62 sandy cl, 62-63 ss, 63-66 black coarse sd
SE	17	21	4	Parsons	1960	Dr	6	40	12	23-40	8			D	MH		0-8 dark cl, 8-40 black cavey sh
		21	4	Northern Water Supply	1960	Dr	5	135	102	92-93	12	16 -16	35 20	D	MH	Ss	0-7 topsoil & cl, 7-43 gr & boulders, 43-51 hard sd & rock, 51-92 grey sh, 92-93 ss, 93-128 grey sh, 128-132 hard ss, 132-135 sh
		21	4	Northern Water Supply	1960	Dr	5	100	13	92-95	5	87	30	D	MH	Ss	0-20 brown cl, 20-35 blue sh, 35-37 ss, 37-55 blue sh, 55-92 grey sh, 92-95 ss, 95-100 grey sh
		21	4	Northern Water Supply	1960	Dr	4 1/2	345	250	280	.75	95		D	MH		0-70 boulder cl, 70-110 gr & boulders, 110-140 brown sh, 140-160 brown ss, 160-240 grey sh, 240-260 greenish sh, 260-275 grey sh, 275-285 grey ss, 285-320 grey sh, 320-345 hard dry grey sh
	1	22	1	Anderburg & Sons	1957	Dr		92	54		14						0-12 gr, 12-41 gr & sd, 41-66 gr, 66-80 grey sh, 80-84 sh
SW	2	22	1	Blackwood				135	F			3				Sd	
NE	3	22	1	Thompson	1963	Dr	6 5/8	70	28	67-70	15	0	60	S	MH		0-36 cl, 36-70 cl & gr
	6	22	1	Hall	1960	Dr	6 1/4	300	157	270-300	6	18 -15	510 180	D		Porous ss	0-18 brown cl, 18-75 sh & ss streaks, 75-95 blue sh, 95-225 sh with streaks of ss & brown cl, 225-270 ss, 270-300 porous ss
	7	22	1	Thompson	1962	Dr	6	170	120	150-170	8	20 -20	120 30	S	MH		0-27 cl, 27-43 cl & gr, 43-81 ss, 81-170 sh
9	17	22	1	Northern Water Supply	1963	Dr	5	296		130,190	.75						0-12 cl, 12-55 gr & sd, 55-72 grey sh, 72-94 brown sh, 94-130 blue sh, 130-132 brown ss, 132-160 grey sh, 160-190 blue sh, 190-192 blue ss, 192-208 blue sh, 208-264 grey sh, 264-265 ss, 265-296 grey sh
9	17	22	1	Northern Water Supply	1963	Dr	5	116	71	25, 75-106	15	1 -1	90 2	D	MH		0-1 topsoil, 1-12 cl, 12-15 gr & boulders in blue cl, 15-25 blue cl, 25-28 silty sd, 28-34 blue sh, 34-39 brown ss, 39-60 brown sh, 60-75 blue sh, 75-79 brown ss, 79-96 blue sh, 96-106 blue ss, 106-116 grey sh
NE	17	22	1	Northern Water Supply	1964	C	5	75	48	65-72	21	0	30	D		Brown ss	0-1 topsoil, 1-21 yellow cl, 21-30 brown sh, 30-35 brown ss, 35-36 brown sh, 36-40 blue sh, 40-42 ss, 42-54 blue sh, 54-57 grey ss, 57-65 brown sh, 65-72 brown ss, 72-75 grey sh
NW	18	22	1	Watkins	1959	Dr	5	185	55	90-95, 140	5	90 -90	60 30	D			
NW	18	22	1	R. Forrester	1964	Dr	6 1/4	200	80	149-155	30	83.5	135	S	S	Coal & ss	0-1 black loam, 1-30 brown cl & boulders, 30-60 soft brown ss, 60-80 grey ss, 80-149 sandy sh, 149-155 coal & ss, 155-159 blue grey ss, 159-174 hard abrasive blue grey ss, 174-200 blue grey ss
NW	18	22	1	R. Forrester	1963	Dr	6 1/4	200	120	140-145, 180-200	20	5.8 -5.8	40 10	S	S	Blue ss	0-1 black loam, 1-30 brown cl & boulders, 30-60 soft brown ss, 60-62 green sh, 62-71 brown sandy sh, 71-75 hard dark sh, 75-180 grey ss, 180-200 blue ss; well production went down to 2 gpm so well was deepened to 325 ft. (see following well).
NW	18	22	1	R. Forrester	1964	Dr	6 1/4	325	140		13	185	60	S			200-205 hard grey ss, 205-250 hard grey sh, 250-290 sandy sh, 290-300 grey ss, 300-325 sandy sh

Location West of 5th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Yield or test rate (gpm)	Test results Drawdown or recovery (ft.)	Test results Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
4	18	22	1	Northern Water Supply	1964	C	5		175	33	85-137, 156-166	1.33	142		D	S	Ss	0-1 topsoil, 1-3 yellow cl, 3-12 gr, 12-13 cl, 13-40 yellow sh, 40-85 blue sh, 85-89 brown sh, 89-106 blue sh, 106-109 brown sh, 109-116 blue sh, 116-121 ss, 121-125 blue sh, 125-131 brown sh, 131-137 blue sh, 137-140 ss, 140-156 blue sh, 156-166 ss, 166-175 dark blue sh
SW	19	22	1	Hall	1964	Dr	6 1/4		160	36	80-98, 122-133	22	8.3 -3.5	1200 1050	D	MH	Brown sh & ss layers, ss	0-1 black loam, 1-10 sandy brown cl, 10-25 brown cl, 25-34 olive brown cl, 34-35 small stones, 35-56 brown cl, 56-58 brown ss, 58-72 brown cl, 72-76 brown ss, 76-80 brown cl, 80-98 brown sh & ss layers, 98-106 grey sh, 106-107 brown sh, 107-116 grey sh, 116-122 green sh, 122-133 brown ss, 133-160 blue sh & soft ss layers
SE	20	22	1	Northern Water Supply	1964	Dr	6 5/8		112	35	100-105, 107-109	22	45	15	D	MH		0-5 yellow cl, 5-14 fine sd, 14-100 blue cl with boulders & pebbles, 100-102 yellow sh, 102-111 yellow ss, 111-112 yellow sh
7	20	22	1	Parsons	1964	Dr	6 5/8, 5c		135	79	128-130	15	9.5	25	D,S	H		0-10 cl, 10-14 cl & gr, 14-25 gr, 25-28 gr & cl, 28-43 brown cl, 43-45 boulders in cl, 45-50 brown cl, 50-52 ss, 52-108 grey cl & small strips of ss, 108-110 ss, 110-128 grey cl & sh, 128-135 ss
SW	27	22	1	Parsons	1961	Dr	6		125	55	98-102	15	45 -40	30 20				0-18 yellow cl, 18-24 hard ss, 24-53 yellow cl, 53-59 grey cl, 59-61 ss, 61-91 grey cl & sh, 99-101 ss, 101-125 grey cl & sh
SW	31	22	1	Parsons	1960	Dr	6 1/4		40	7	24	25	25 -1	30 3	S			0-18 yellow cl, 18-25 yellow ss, 25-40 grey cl
SW	31	22	1	Parsons	1960	Dr	6 1/4	3680	36	14	21-23	27	6 -6	40 5	D	H	Yellow ss	0-21 yellow cl with gr, 21-24 yellow ss, 24-36 grey cl
	33	22	1	Miskulin	1962	Dr	5		120	90	120	6		20				0-23 silty cl with gr, 23-29 boulders, 29-91 brown & grey ss, 91-120 sandy grey sh
	33	22	1	James & Sons	1960	Dr	5 1/2c		81	62	75-81	16		60	D	MH	Coarse sd & gr	0-35 yellow sandy cl, 35-67 yellow silty sd, 67-75 fine sd, 75-81 coarse sd & gr
	33	22	1	Miskulin	1962	Dr	5 3/8		70	58	64-65, 68-70	7		30	D			0-58 silty, sandy cl with pebbles, 58-70 gr & sd
	33	22	1	Northern Water Supply	1962	Dr	4 1/2		175	33	33-150	6	142	1080				0-18 yellow sh, 18-33 brown sh, 33-39 ss, 39-75 blue sh, 75-175 intermitting layers of ss & sh; well is abandoned now.
	33	22	1	Northern Water Supply	1962	Dr	4 1/2		78	31	37, 68	5	47	20	I	MH		0-20 cl & sh, 20-23 hard ss, 23-37 blue sh, 37-42 ss, 42-65 blue sh, 65-72 ss, 72-78 grey sh
SW	34	22	1	Northern Water Supply	1958	Dr	5		62	45	50	15	0	60	D	MH		0-1 topsoil, 1-1.5 yellow cl, 1.5-4.5 sd, 4.5-40 yellow cl, 40-50 layers of sd & cl, 50-60 coarse sd, 60-61 fine gr, 61-62 coarse sd

	34	22	1	Smith	1954	Dr	6, 4 1/2c		60	37		10	3	60	D			0-5 topsoil, 5-10 gr, 10-22 boulders & gr, 22-45 yellow cl, 45-53 blue cl, 53-54 ss, 54-58 grey sh, 58-60 brown cl
		22	1	Western Water Wells	1954	Dr	5		191			2			D			0-30 cl & boulders, 30-87 grey cl, 87-97 grey sh, 97-98 ss, 98-131 sh, 131-163 sh & ss, 163-191 hard ss
		22	1	W. Thompson	1962	Dr	5 3/8		213	88	211	6	35 -35	25 90	D	MH		0-32 cl, 32-? blue sh, ?-210 ss
	6	22	2	James & Sons	1960	Dr	5 1/2, 4 1/2c		147	44	61-68, 134-147	16		60	D	MH	Yellow ss	0-61 cl, boulders, & gr streaks, 61-68 yellow ss, 68-134 sh, 134-147 ss
SW	6	22	2	Kortmeyer	1954	Dr	4 1/2c		131		119-131	8	0	180			Sd	0-65 cl & boulders, 65-119 ss, 119-131 sd
SE	8	22	2	Northern Water Supply	1960	Dr	4 1/2		150	139	144-144.5	6	0	60	D			0-12 cl, 12-28 sh, 28-70 ss, 70-90 sh, 90-110 ss, 110-150 sh
	13	22	2	Western Water Wells	1959	Dr	6		90	15 1/2	79	5	75	30		MH		0-50 brown cl, 50-75 blue sh, 75-79 ss, 79-90 sh
13	15	22	2	Watkins	1963	C	7		150	95	138	10	10 -10	20 10	D	MH		0-46 ss, 46-87 blue sh, 87-138 ss, 138-150 blue sh
NW	20	22	2	Watkins	1957	Dr	6		54	14	44	15	0	30	D			0-20 sd, 20-40 cl, 40-54 ss
NE	24	22	2	Watkins	1955	Dr	6	3500	93	50	75-89	2.5	30 -30	30 15	S			
NW	24	22	2	Watkins	1955	Dr	6 5/8	3500	56	12	40-56	12	41	30	P			0-32 cl & boulders, 32-38 ss, 38-40 cl, 40-53 ss, 53-56 cl
NE	26	22	2	Watkins	1958	Dr	6	3500	72	40	50-65	15	0	10	D			0-40 cl, 40-72 ss
	27	22	2	Miskulin	1960	Dr	5 1/2		47	25	35-40	4	22	30	D			0-27 cl, 27-49 sh
SE	27	22	2	Parsons	1964	Dr	6 5/8, 5 3/8c		142	36	135-137	30	27 -21	40 3				0-14 yellow cl, 14-26 hard ss & boulders, 26-31 hard ss, 31-48 grey sh & ss strips, 48-83 grey cl, 83-91 hard ss, 91-108 grey sh, 108-126 hard ss, 126-131 grey sh, 131-138 light ss, 138-142 grey sh
SW	30	22	2	Parsons	1964	Dr	6 5/8, 5 3/8c		140	110	121-125	17	0	45	D,S			0-36 yellow cl & ss boulders, 36-42 grey cl, 42-53 yellow cl, 53-77 grey cl & ss strips, 77-87 grey cl, 87-90 yellow cl, 90-107 grey cl, 107-115 yellow ss, 115-130 grey cl & ss, 130-140 grey-blue sh
SE	36	22	2	Parsons	1961	Dr	6		73	26	35,54	6	47 -47	8 23	D	MH		0-22 yellow cl, 22-27 yellow ss, 27-34 yellow cl, 34-37 ss, 37-54 grey & blue cl, 54-56 ss, 56-73 grey cl & sh
SE	36	22	2	Parsons	1961	Dr	6 5/8		35	22	23	30	0	30	S			0-9 yellow cl & large boulders, 9-17 yellow cl, 17-18 yellow ss, 18-21 yellow cl, 21-35 yellow ss
NE	15	22	3	Northern Water Supply	1959	Dr	5 1/2		70	32	35,45	.5			D	S		0-1 topsoil, 1-35 yellow cl & boulders, 35-45 ss, 45-47 grey sh, 47-65 ss, 65-70 grey sh
SE	21	22	3	Northern Water Supply	1963	Dr	5		162	35	72, 126	<1			D	S		0-15 cl, 15-18 boulders and cl, 18-20 cl & pebbles, 20-88 sh, 88-92 ss, 92-118 grey sh, 118-127 grey ss, 127-152 grey sh, 152-162 brownish ss
	21	22	3	Webster	1961	Dr	6 5/8		76	D								0-30 brown cl, 30-65 blue cl, 65-69 sh, 69-72 ss, 72-76 sh
	21	22	3	Webster	1961	Dr	6 5/8		65.5	24	58-64				D	S		0-43 yellow cl, 43-50 brown cl & quicksand, 50-64 ss, 64-65.5 sh

Location West of 5th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
SW	22	22	3	Northern Water Supply	1958	Dr	5		60	5	41	1	55		D	S		0-7 topsoil, 7-38 cl & pebbles, 38-50 ss, 50-51 grey sh, 51-55 ss, 55-60 dark sh
NE	22	22	3	Northern Water Supply	1964	C	5		47	8.3	10,21, 36-38	9	38.7	60	D	MH, Su	Fractured ss	0-3 fill, 3-10 gr, 10-18 blue cl & boulders, 18-21 gr, 21-30 ss, 30-31 sh, 31-36 soft ss, 36-38 fractured ss, 38-42 soft ss, 42-45 hard ss, 45-47 sh
	23	22	3	Big Indian	1962	Dr	6 1/4		52	15.4	36-52	20	.5	60	D,S	MH		0-16.5 brown cl, 16.5-36 brown cl & gr, 36-38 shattered grey ss, 38-52 ss; sulfates 100, nitrates 325, iron <16, pH 7.0
SW	26	22	3	Parsons	1964	Dr	6		115	85		25	7 -7	30 3				0-20 yellow cl, 20-43 grey sticky cl, 43-48 shattered sh & sd, 48-55 brown sd, 55-64 blue sandy sh, 64-94 blue-grey sh, 94-97 hard brown ss, 97-104 light ss, 104-115 grey sh
SW	26	22	3	Parsons	1964	Dr	5 3/4, 4 1/2c		37	11	22-25	10			D,S	H		0-5 cl & sd, 5-11 gr, 11-20 sd, 20-37 sandy sh
NE	36	22	3	Miskulin	1963	Dr	5 3/8		154	110	132-154	7	44 -20	30 5				0-95 cl & boulders, 95-154 grey ss
	2	22	4	Western Water Wells		Dr	6 5/8c			103	F		6					0-51 glacial till, 51-76 grey sandy sh, 76-97 grey sh, 97-99 ss, 99-103 grey sh
NE	14	22	4	Forraine	1959	Dr	5 5/8		45	9		5	0	120	S	S		0-22 brown cl, 22-26 ss, 26-45 sh
	17	22	4			Dr		4292	60	F								0-30 cl, 30-60 hard black sh; flowing shot hole
	17	22	4			Dr		4279	45	F								0-38 cl & boulders, 38-45 gr; flowing shot hole
NW	27	22	4	Forraine	1959	Dr	5 5/8		70	20		2	40 -40	120	D	MH		0-25 brown cl, 25-68 sh & thin ss beds, 68-70 hard ss
15	8	22	6	G. Ward	1965	R	5		55	5	5-55	2.5	49 -49	10 180	D	MH		0-10 sd, cl & boulders, 10-40 cl & rocks, 40-55 gr, sd & layers of cl
	5	23	1	Western Water Wells	1956	Dr	7c		200	106		20						0-10 brown sd, 10-60 sd, cl, gr & boulders, 60-73 fine sd, 73-158 silty sd & gr, 158-176 hard sandy cl, 176-180 ss, 180-181 sh, 181-185 ss, 185-200 grey blue sh
SE	6	23	1	Northern Water Supply	1964	Dr	5		201	148	178-186, 186-194	10	42 -42	80 25	D	S		0-1 topsoil, 1-12 yellow cl, 12-15 brown sh, 15-20 ss, 20-40 brown sh, 40-76 blue sh, 76-86 ss, 86-102 grey sh, 102-112 ss, 112-148 blue sh, 148-154 ss, 154-178 blue sh, 178-184 hard ss, 184-186 soft ss, 186-194 hard ss, 194-201 grey sh
14	7	23	1	Northern Water Supply	1962	Dr	4 1/2		128	22	53-66, 83-124	17	80	40?	D,S	MH		0-1 topsoil, 1-12 yellow cl, 12-20 gr, 20-28 brown cl & pebbles, 28-40 blue cl, 40-44 blue sh, 44-49 ss, 49-53 blue sh, 53-58 ss, 58-65 green sh, 65-66 brown ss, 66-83 grey sh, 83-84 hard ss, 84-98 grey sh, 98-105 sticky grey sh, 105-124 ss, 124-128 grey sh
NE	7	23	1	Star	1959	Dr	5 3/4		110	60	83, 105-107	8	50 -50	30 10	Ir			0-55 cl & pebbles, 55-110 ss

14	7	23	1		1950	Dr			105	21	85	8			D			Total solids 488, hardness 385, sulfates 81, chlorides 0, alkalinity 350, nitrites 0, nitrates 0, iron 1.2, fluorides 0.8, nature of alkalinity - bicaronate of soda, lime & magnesium
9	7	23	1	James & Son	1958	C	5 1/2, 5		100	70	65,85	16			D,Ir	VH		0-58 yellow cl & gr streaks, 58-82 hard blue sh, 82-95 grey ss, 95-100 firm blue sh; iron tr, pH 8.1
8	9	23	1		1950	Dr			92	60	89	6			S	MH		Bottomed in ss; well is near a spring.
NW	9	23	1		1953	Dr			120			5			D,S	H,I		Bottomed in gr; total solids 584, sulfates 8, chlorides 189, alkalinity 365, iron 5
NE	9	23	1		1920	D			20	2-3	20	1			S	MH		Bottomed in ss
	9	23	1	Big Indian	1959	Dr	11 1/2, 6 1/8		135	47		8	77 -77	105 15	D			0-5 cl, 5-16 sandy cl & rocks, 16-20 gr, 20-30 sandy cl, 30-65 blue cl, 65-80 hard blue cl, 80-80.5 ss, 80.5-84 sh, 84-84.5 ss, 84.5-87 sh, 87-88.5 ss, 88.5-96 sh, 96-97 ss, 97-105 sandy sh, 105-106 ss, 106-112 sandy sh, 112-113.5 ss, 113.5-135 sandy sh, 135-148 hard sh, 148-148.5 ss, 148.5-154 sh, 154-159 sandy sh, 159-167 sh, 167-168 ss, 168-175 sh
NE	13	23	1	Hall	1964	Dr	8		54	27.77	27-51	350	2.03 .83	3270 600	I	S		0-23 very coarse gr & cl streaks, 23-51 very coarse gr, 51-54 sh
	15	23	1	Western Water Wells	1958	Dr	6		100	32	66-71	15	13	60	I		Ss	0-5 topsoil, 5-17 sd & silt, 17-66 boulder cl, 66-71 ss, 71-100 sh
9	16	23	1		1956	Dr			50	15	50	8			S			Bottomed in ss; well is near a spring.
NW	20	23	1	Miskulin	1962	Dr	5 1/2		193	40	170-193	8	150	30	D			0-30 yellow cl, 30-35 brown sd, 35-100 sandy brown cl & gr, 100-150 grey sandy cl & gr, 150-170 grey sh, 170-190 sandy grey sh, 190-193 grey blue sh
	25	23	1	Big Indian	1960	Dr	12		30	17	17-30	100	3 -1	20 4	I			0-7 silty cl, 7-14 silty sd & gr, 14-30 sd, gr & cobbles
SW	26	23	1		1960	Dr	8	3365	90			75			I			0-10 silty cl
6	26	23	1		1941	D	12c	3360	22	14		VG			D	H		Well is 2,000 ft. from the Bow River and levels are the same; calcium carbonate 300 ppm.
NW	28	23	1			Dr		3520	50	21	38-41	10			D		Ss	0-4 topsoil, 4-20 stony cl, 20-38 brown cl, 38-41 ss, 41-50 blue cl
	33	23	1	W. Smith		Dr	6c		50	21		10			D			0-4 topsoil, 4-20 black cl with stones, 20-38 brown cl, 38-41 ss, 41-50 blue cl
SW	34	23	1	Western Water Wells		D, Dr	7c		80	23.5		5	56.5					0-25 dug, 25-40 gr, cl & sd, 40-56 cl, 56-74 sh, 74-76 sh & ss streaks, 76-80 sh
NE	36	23	1	Western Water Wells	1957	Dr	6c		34		13-15.5, 24-30	10		15	P		5d & gr, sandy blue cl	0-5 topsoil & cl, 5-13 sd & gr, 13-15.5 sd & gr, 15.5-20 silty sd, 20-24 ss, 24-30 sandy blue cl, 30-34 blue cl
		23	1	Miskulin	1946	Dr	5 3/8c		85	36		17	3		S	S		0-19 sh, 19-43 blue sh, 43-85 grey sh
		23	1	Miskulin	1946	Dr	5 5/8c		25.7		23-25.7				D			
		23	1	Western Water Wells	1947	Dr	5 5/8c		61	17	35-45	20			P	S		
10	7	23	2	Watkins	1962	C	6		50	20	45	20	8	60	D	MH		0-15 cl & boulders, 15-40 quicksand, 40-50 gr
16	7	23	2		1955	Dr			153			10	10		D,S	MH		

Location West of 5th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
NW	29	23	3	Northern Water Supply	1959	Dr	5 1/2		114	94	113-114	10	0	30	D	S	Fine gr	0-1 topsoil, 1-10 cl, 10-65 sd, 65-113 boulder cl, 113-114 fine gr
SE	35	23	3	Miskulin	1963	C	5 1/2, 4 1/2c		142	27	142	16	100 -77	30 5	D			0-27 cl, 27-53 sd, 53-142 sandy grey & blue sh
NE	1	23	4			Dr		4007	120	F								0-26 cl & boulders, 26-59 sh, 59-63 ss, 63-120 sh; flowing shot hole
16	36	23	4			Dr		3973	120	F								0-55 cl & boulders, 55-120 sh; flowing shot hole
SW	13	23	5	Kortmeyer	1954	Dr	4 1/2c		59		53-59	20	10	120				0-6 cl, 6-11 gr, 11-13 coal, 13-59 sh
	13	23	5	W. Smith		Dr	6c		98	57		10	<2	120				
	13	23	5	Watkins	1962	C	6 1/4		50	20	16-20	.5	30 -30	20 240	D	MH		0-14 gr, 14-50 blue black sh
	13	23	5	Watkins	1962	C	6 1/4		24	6	15		15 -15	5 4	D	MH		0-15 gr, 15-24 sh
	13	23	5	Watkins	1962	C	7		28	8	18-19	1		60	D	Su		0-19 boulders & gr, 19-28 black sh
	13	23	5	Watkins		C	7		18	6	12	15	0	60	D	MH		0-10 gr, 10-18 sh
	13	23	5	Watkins	1962	C	7,5c		102	15	39					Su		0-10 sd, 10-38 quicksand, 38-102 sh; there were nine sources of sulfur in this well so it was abandoned.
	13	23	5	Watkins	1962	C	7		46	20	44	20	6	120	D			0-26 gr & boulders, 26-46 ss
	13	23	5	Watkins	1963	C	6		49	37	37	9	0	120	D	MH		0-40 boulders, gr & sd, 46-49 ss
	13	23	5	Watkins		C												Five holes: one is 8 ft. of gr and 40 ft. of sh; other four are 8 ft. of gr and 10 ft. of sh. All wells pump at 1 gph.
	13	23	5	Watkins	1963	C	5 5/8		150	15	130-140	20	4 -3	180 5	D	MH	Ss	0-16 cl, 16-130 blue sh rock, 130-140 ss, 140-145 sh, 145-150 ss
	13	23	5	Watkins	1963	C	6		24	8	15	4	0	120		MH		0-24 gr & sd
	13	23	5	Watkins	1963	C	5		26	10	15	2	10 -10	5 5	D	MH		0-26 gr & sd
SE	14	23	5	Kortmeyer	1954	Dr	4 1/4c		105	30	85-105	3	70	240	D			0-28 cl & gr, 28-58 ss, 58-105 sandy sh
SW	15	23	5	Parsons	1966	C	5 1/2		70	11	44-50	7 -7	11 7	150	D			0-24 brown cl & sh boulders, 24-28 dark silty sh, 28-30 light silty sh, 30-42 dark sh & cl, 42-48 light shattered sh, 48-70 dark sh & cl
NE	17	23	5	Parsons	1966	C	6		60	20	50-53	12		30	S	MH	Ss & sh	0-26 dark cl & sh, 26-32 light cl, 32-47 light ss & sh, 47-50 grey sh, 50-53 ss & sh, 53-60 grey sh
NW	17	23	5	Parsons	1966	C	6		40	22	23-35	20			S		Ss	0-19 shattered sh, gr & boulders, 19-23 hard ss, 23-35 ss, 35-40 shattered sh & ss
3	22	23	10	G. Ward	1965	R	5		25	9	15-25	9	0	60	D,P	MH		0-7 rock & gr, 7-18 dark sd & ss?, 18-22 cl, 22-25 ss
NE	2	24	1	James & Son	1960	Dr			35	D					I			0-24 cl, boulders & gr streaks, 24-35 blue sh
SW	8	24	1	Western Water Wells	1946	Dr	5 3/8c		83	31	75	10			P			0-48 gr, 48-83 sandy sh

	9	20	3	Webster	1961	Dr	6	110	40	75-95, 105	60	0	180	P			51-58 ss, 58-64 black cl, 64-75 ss, 75-82 blue cl, 82-93 ss, 93-99 blue cl, 99-101 ss, 101-102 sh, 102-105 ss, 105-110 sh; well was 51 ft. deep.
	12	20	3	Webster	1961	Dr	7	70	D								0-18 brown cl, 18-55 soft cl, 55-58 hard ss, 58-68 sh, 68-70 black sh
14	15	20	3														Two wells, 500 ft. from Upper Cretaceous and 800 ft. from Belly River, together produce 427 gpm.
	27	20	3	Webster	1961	Dr	13 5/8	37	5	10-37	300	18	1440	Ir			18-21 silt, 21-26 gr & sd, 26-32 fine gr, 32-37 gr; well was 18 ft. deep.
												-18	180				
SE	29	20	3	Hussey	1964	Dr	6	108	40		10	12	10	S			0-2 topsoil, 2-60 yellow cl, 60-80 brownish sh & stone, 80-100 dark sh, 100-103 streaks of ss, 103-104 coarse gr, 104-108 fine gr
	32	20	3	Webster	1961	Dr	6	25	10	23-25	15	0	120	S		Sh	0-22 brown cl, 22-23 ss, 23-25 sh
NW	32	20	3	Webster	1964	Dr	6	115	98	104-105	6	6	2?	D	MH		0-35 brown cl, 35-51 blue cl, 51-60 caving sd, 60-70 cl, 70-103 blue cl, 103-105 ss, 105-115 sh
NW	32	20	3	Webster	1965	C	6 5/8	103	91	91-95	6	0	720?	D	MH		0-91 caving cl, 91-99 ss, 99-103 sh
3	33	20	3														Two wells, both 500 ft. deep, from Upper Cretaceous Formation. (RCA-G)
NE	24	20	4	Webster	1965	C	6 5/8	161	68	122-126	1.5		60	D	MH	Ss	0-45 brown cl, 45-122 soft sh, 122-126 ss, 126-161 black sh
1	3	21	1	Thompson	1960	Dr	5 1/2	60	48	48-60	20	0		S			0-47 cl & boulders, 47-60 brown sh
	4	21	1	Hussey	1958	Dr	5 1/2	130	100	49-50	4	8	60		MH		0-40 yellow cl, 40-50 yellow cl & stones, 50-80 blue sh, 80-85 soft ss, 85-100 grey sh, 100-128 blue sh, 128-130 soft ss
												-8	8				
9	4	21	1	Crosbie	1964	R	4 1/4	45	12	24-33	5	6	30	S			0-20 cl & ss, 20-45 sandy sh & ss
												-6	10				
10	4	21	1	Crosbie	1964	R	4 1/4	210?	100	137-140	6	40	20	D	S		0-30 brown cl & ss, 30-350 sh & ss, 350-360 sandy sh, 360-375 sh & ss
												-40	30				
NE	15	21	1	Kortmeyer	1955	Dr	5 1/2c	68	48		10	0	120	D			0-41 cl & boulders, 41-68 ss
SE	17	21	1	Thompson	1961	Dr	6	113		33&113	4	0	1440	S			0-31 cl, 31-113 sh
NE	19	21	1	Fredrickson	1960	Dr	6	90	35	35-90	10	0	10	S	S		0-26 black cl, 26-60 black cl & rock, 60-90 sh, ss stringers & hard ledges of grey ss
NE	24	21	1	Parsons	1965	C		227	170?	118-119	1.5			D			0-15 cl & boulders, 15-30 yellow cl strips, 30-48 grey sh, 48-52 hard sh, 52-70 grey sh, 70-74 ss, 74-112 grey sh – very hard strips, 112-142 sh & ss strips, 142-178 hard ss, 178-185 very hard light ss, 185-199 dark ss, 199-203 hard ss, 203-220 dark ss, 220-222 very hard ss, 222-227 grey sh
SW	26	21	1	Thompson	1962	Dr	6	67	33	59	12	10	75	S	MH		0-38 cl, 38-67 sh
												-10	20				
NW	28	21	1	Thompson	1961	Dr	6	81	61	80	12	3	120	S			0-28 cl, 28-80 blue sh, 80-81 ss
												-3	10				
NE	31	21	1	Hall	1962	Dr	6 1/2	300	168	274-278, 284-288	4.5	1	180		S	Ss	0-15 brown till, 15-274 sh with ss stringers, 274-278 ss, 278-284 sh, 284-288 ss, 288-300 sh
												-1	5				
	32	21	1	Hall	1960	Dr	4 3/4	65	15	60-65	12	0	2	D	MH	Ss	0-50 brown cl, 50-60 hard sh, 60-65 ss
SE	36	21	1	Blackwood	1958	Dr	6	120	60		8	56	20				0-10 cl & rocks, 10-22 sh, 22-50 grey sh, 50-60 black sh, 60-72 grey sh, 72-90 hard rock, 90-125 blue sh

SE	9	24	1	Western Water Wells	1946	Dr	8c		41	13.5	20-30	17		1560	I	H		10-30 gr, 30-41 sh
NW	10	24	1			Dr		3440	110	20	90-110	10			S			
NE	11	24	1			Dr		3370	41	25	34-43	>700			I		Coarse gr	(RCA-G)
NE	11	24	1			Dr		3365	36	15	21-32	300			I		Gr	(RCA-G)
NE	11	24	1			Dr		3368	41	19	19-38	275	.25		I		Gr	Another well is 46 ft. deep with water to 18 ft. at 300 gpm.
1	11	24	1	Western Water Wells	1947	Dr			36	24.5	25-35	>150	.25	720	I	H		
NW	12	24	1	Western Water Wells	1946	Dr	8c		41	19	19-38	262	2		I			
NW	12	24	1	Western Water Wells	1947	Dr	8c		46	18	19-46	275	.75		I			
SW	12	24	1	Western Water Wells	1947	Dr	12 1/2c		36	15.3	21-32	570	4.3		I			
NE	12	24	1		1941	Dr			140	15		7			D	H		Bottomed in gr
NE	12	24	1			Dr			100	10		G			D	H		Bottomed in gr
NE	12	24	1		1949	D			16	4	4-6	2000			I			Water is seepage from river 200 ft. away.
2	13	24	1	International Water Supply	1956	Dr	20c		28	9.4		250	2.6	480	P			0-14 coarse dirty gr, 14-28 medium gr & silty sd
2	13	24	1	International Water Supply	1956	Dr	20c		29	11		250	2.3	480	P			0-12 coarse dirty gr, 12-29 medium gr & silty sd
SW	13	24	1	Western Water Wells	1947	Dr	12 1/2c		46	24	24-43	270	.3		I			
NW	14	24	1	Western Water Wells	1956	Dr	6c	3375	60	27		13			P			0-4 gr & sd, 4-17 coarse gr & cl, 17-38 clayey sh, 38-56 sh, 56-59 coal, 59-60 sh
	15	24	1	Star	1955	Dr			42	25		650	1.5	2160	I			0-3 fill, 3-8 gr, 8-20 cl & gr, 20-24 pea gr, 24-29 large loose gr, 29-35 gr & sd, 35-42 large gr & sd
	15	24	1	Western Water Wells	1954	Dr			32	21.7	23.5-26	30	2	1440	I		Sd & gr	0-23.5 coarse gr & sd, 23.5-26 sd & gr, 26-47 silty cl, 47-51 sandy sh, 51-77 ss, 77-147 sandy sh, 147-150 ss, 150-162 sandy sh, 162-170 ss, 170-247 sandy sh
	15	24	1	Northern Water Supply		Dr			115	D								
	15	24	1	Western Water Wells	1954	Dr	13		30	4.5		300		1440	I			0-6 earth fill, 6-9 fine sd, 9-23 coarse gr, 23-30 cl
	15	24	1	Star	1955	Dr	8 5/8c		42	24	31-32	150	.7	1440	I		Coarse sd	0-3 fill, 3-31 gr & a little cl, 31-32 coarse gr, 32-42 blue cl; 51°F
	15	24	1	Western Water Wells	1955	Dr	12,11c		30			200	2		I			0-6 cl & gr, 6-24 coarse dry gr, 24-30 coarse gr & sd; at 200 gpm, mostly sewer water was found.
	15	24	1	Dulling	1948	Dr	4 1/2c		110	20	30	1			S			90-110 sh; well is beside a coulee. Stock also waters from springs on edge of coulee.
	15	24	1	Western Water Wells	1954	Dr			36	7		300	.8	1440	I			0-6 fill, 6-10 fine sd, 10-24 coarse gr, 24-36 cl
	15	24	1		1954	Dr			45	18.5	18-21	60		1440	I		Gr	0-7 sandy cl, 7-15 sandy cl & gr, 15-18 sandy medium gr, 18-21 gr, 21-32 gr & sandy cl, 32-35 sandy cl, 35-43 ss, 43-45 sandy sh

Location West of 5th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Yield or test rate (gpm)	Test results Drawdown or recovery (ft.)	Test results Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
	15	24	1	Western Water Wells	1954	Dr			50	24	24-30	143	2.75	2520	I		Gr & sd	0-6 cl & gr, 6-24 coarse gr & boulders, 24-30 gr & sd, 30-38 cl & gr, 38-50 sh; 50°F.
	15	24	1	Western Water Wells	1955	Dr	9,7		70	21	24-28	35	7	2160	I		Gr & sd	0-7 fill, 7-24 gr & cl, 24-28 gr & sd, 28-34 cl, 34-55 hard & soft sh, 55-59 sh, 59-68 sandy sh, 68-70 sh
	15	24	1	Western Water Wells	1955	Dr	18, 10c		60	23.5		93	.7	960	I			9-31 coarse dry gr, 31-45 cl & gr, 45-60 silt & sd; 0-9 was already excavated.
	15	24	1	W. Smith	1954	Dr	6, 4 1/2c		62	17	44-54	10	0		D			0-24 gr & boulders, 24-44 sd, 44-54 black sd, 54-56 coarse gr, 56-58 grey sh, 58-64 blue cl,
16	15	24	1			Dr		3404	70	21	24-38				I		Gr & sd	0-7 fill, 7-24 gr & cl, 24-28 gr & sd, 28-34 cl, 34-70 sh (RCA-G)
NE	15	24	1			Dr		3380	21	9	7-19				I		Sd & gr (Bow River Gr)	(RCA-G)
	15	24	1			Dr?			30	2?	14-23	300			I			0-6 fill, 6-10 fine sd, 10-24 coarse gr, 24-36 cl (RCA-G)
	16	24	1			Dr?		3395	45	18	18-21	60			I		Gr	0-7 sandy cl, 7-15 gr, 15-18 sd & gr, 18-21 gr, 21-32 gr, sd & cl, 32-35 sd & cl, 35-43 ss, 43-45 sh (RCA-G)
NW	16	24	1	Wenger	1946	Dr	6 1/4c		30	12.5	17-18	15			S	H		0-6 topsoil, 6-18 gr, 18-30 sh; well is 100 yds. from Bow River.
SW	23	24	1			Dr?		3552	60	27		13			P			0-4 sd & gr, 4-17 coarse dirty gr, 17-38 clayey sh, 38-56 sh, 56-59 coal?, 59-60 sh (RCA-G)
NE	28	24	1	Anderburg & Sons	1958	Dr	6		102	40	54-55	12	20 -20	90 10	D	MH		0-20 cl, 20-45 ss, 45-48 sh, 48-77 ss, 77-102 sh
NE	30	24	1	Hall	1963	Dr	6 1/4		145	86.1	138-141	20	3 .2	480 80		S,A	Shattered ss	0-20 sandy brown cl, 20-25 fine sd, 25-27 brown cl, 27-30 fine sd, 30-40 sandy blue cl, 40-44 silty sd, 44-63 sandy blue cl, 63-65 coarse gr, 65-119 sandy blue cl with gr streaks, 119-134 cemented gr, 134-138 sh, 138-141 shattered ss, 141-145 sh
SE	30	24	1	Northern Water Supply	1960	Dr	55		80	70	72	6	0	30	D			0-27 cl & pebbles, 27-33 cl & boulders, 33-50 cl, 50-72 intermitting layers of sh & badly fractured ss, 72-80 grey sh
	31	24	1	James & Son	1960	Dr	5, 4 1/2c		166	110	132-160	16		60	D	S	Fine silt & grey ss	0-132 soft yellow & blue sandy cl, 132-134 fine silt, 134-160 grey ss, 160-166 blue sh; water from fine silt was cased off.
	35	24	1	Wilderman	1958	Dr	8 5/8, 4 1/2		351	D					P			0-39 brown cl, 39-42 grey cl, 42-54 hard silt sd, 54-62 hard cl, 62-76 hard ss, 76-98 sh stringer, 98-101 ss, 101-163 sh, 163-166 ss, 166-206 hard sh, 206-220 soft sh, 220-224

																	medium ss, 224-238 hard sh, 238-240 ss, 240-253 soft sh, 253-295 grey blue sh, 295-296 hard ss, 296-317 sh & stringers, 317-320 ss, 320-331 sh & ss, 331-338 hard sh, 338-341 ss, 341-346 sh, 346-348 ss, 348-351 sh
	35	24	1	Wilderman	1958	Dr	8 5/8		62	D					P		0-34 brown cl, 34-46 grey cl, 46-52 silt, 52-58 blue cl, 58-62 sh
NE	1	24	2	W. Smith	1955	Dr	4 1/2c		70	35	3-42, 62-65	5	16	90	D		Brown stony cl & grey stony sh	0-3 topsoil, 3-42 brown stony cl, 42-62 blue cl, 62-65 grey stony sh, 65-70 blue cl
SW	2	24	2	Northern Water Supply	1964	Dr	7, 4 1/2c		148	130	95-105, 140-142	15	2	90	D	MH		0-1 topsoil, 1-9 dry yellow cl, 9-43 pebbled yellow cl, 43-46 blue cl, 46-57 yellow cl & boulders, 57-76 brown sh, 76-78 brown ss, 78-95 brown sh, 95-142 brown ss, 142-148 blue sh
	2	24	2	James & Son	1960	Dr	5 3/8, 4 1/2c		59	10		24		60	D			0-41 cl, gr & boulders, 41-59 sandy cl & sd
E1/2	2	24	2			Dr		3650	100	70		15?			P			Has a domestic supply from a 75 ft. well and a spring dried up in 1935.
NW	3	24	2	W. Smith	1954	Dr	6, 4 1/2c		77	54	70-71	8	5	60	D,S		Hard sh	0-6 brown cl, 6-30 brown bog, 30-52 firm brown cl, 52-70 blue sh, 70-71 hard sh, 71-75 coarse gr, 75-77 brown cl
9	4	24	2		1957	Dr			103	90		>2			D	MS		Bottomed in ss; there is a spring in Lsd. 10, Sec. 4, Tp. 24, R. 2.
SW	10	24	2			Dr		3810	170	110		2			D,S			Well was deepened from 120 ft. in 1958.
8	10	24	2	Miskulin	1960	C	6		111	98	105-109	8	0	60	D		Ss	0-11 clayey boulders, 11-95 alternating sh & fractured ss beds, 95-105 blue grey sh, 105-109 ss, 109-111 blue grey sh
SW	10	24	2			Dr		3750	200	100		10			D	H		
	10	24	2	Northern Water Supply	1955	Dr			130	62		10					Sd	
11	11	24	2	Northern Water Supply	1964	C	4 7/8		356	222	277-305	1.5	134	120	D	S		0-1 topsoil, 1-5 yellow cl, 5-7 yellow sh, 7-22 brown sh, 22-85 intermitting layers of brown ss & brown sh, 85-93 blue sh, 93-97 brown ss, 97-101 brown sh, 101-140 blue sh, 140-141 brown sh, 141-177 brown ss, 177-184 grey sh, 184-198 brown ss, 198-277 layers of grey sh & ss, 277-289 grey ss, 289-305 grey sh, 305-307 grey ss, 307-346 layers of sh, 346-354 grey ss, 354-356 grey sh
SE	14	24	2			Dr			150	30			100					30 boulder cl
NW	15	24	2			Dr		4005	255	115		2.5			D,S	H		Alternating ss & sh; another well is 420 ft. deep, 360 ft. to water, and was pumped dry at 4 gpm.
	15	24	2			Dr	5		225	201	210-218	5		60	D			0-6 cl & gr, 6-12 ss, 12-95 sh, 95-100 hard dry ss, 100-195 sandy sh, 195-218 ss, 218-225 sh
NE	16	24	2	Parsons	1962	C	6 5/8		170	134	140-155	12	14 -8	30 4.5	D			0-58 gr & boulders, 58-61 yellow cl, 61-67 yellow ss, 67-84 dark cl, 84-87 ss, 87-93 blue cl, 93-133 grey sh, 133-137 ss, 137-152 sh & ss strips, 152-170 grey blue sh & blue cl
4	18	24	2	James & Son	1960	Dr	6		250	200	235-245	7		60	D	MH	Grey ss	0-25 gr, 25-75 yellow cl, 75-235 blue sh, 235-245 grey ss, 245-250 blue sh
13	18	24	2	James & Son	1960	Dr	5 1/2, 4 1/2c		196	135		16		60	D	MH		0-52 glacial material, 52-146 firm blue sh, 146-166 grey ss, 166-186 firm blue sh, 186-196 ss

Location West of 5th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results: Yield or test rate (gpm)	Test results: Drawdown or recovery (ft.)	Test results: Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
SW	19	24	2	Parsons	1965	C	5 1/2		61	41	46-47	20	2	30	D	MH		0-38 cl & boulders, 38-41 sh & gr, 41-43 sh & cl strips, 43-44 hard sh, 44-60 grey blue cl & sh, 60-61 hard sh
	19	24	2	W. Smith	1958	Dr	6		175	97	118-119, 168-175	5	78 -78	60 30			Hard grey sh	0-37 brown cl & stone gr, 37-68 brown sh, 68-84 grey sh, 84-118 hard blue sh, 118-119 hard grey sh, 119-128 blue cl, 128-131 hard brown sh, 131-163 grey sh, 163-168 blue sh, 168-170 ss, 170-175 grey sh
	21	24	2		1960	Dr			165	95		10	54	60		S		
11	21	24	2		1959	Dr			125	63	90	13			D,S			0-12 cl, 12-65 boulder, 65-115 sh
	22	24	2	Alpine	1964	C	5 1/2, 4 1/2c		162	90	150,162	5	72	20				0-5 brown silt & some gr, 5-70 cemented gr & loose sd, 70-162 alternating brown sds & grey sh
SE	22	24	2	Parsons	1962	Dr	6 5/8, 4 1/2c		120	82		15	42?	780	D			0-14 yellow cl & boulders, 14-53 gr & large boulders, 53-55 very hard rock, 55-71 yellow cl, 71-110 brown ss, 110-114 grey sh, 114-117 blue cl, 117-120 hard grey sh
SE	22	24	2	Parsons	1962	Dr	6 5/8, 5 3/8c		123	75		15	12 -12	30 6.5	D			0-45 gr, 45-47 yellow cl, 47-52 brown ss, 52-63 sandy yellow cl, 63-77 grey cl & sh, 77-79 hard ss, 79-87 grey cl & sh, 87-95 ss, 95-117 grey sh & strips of ss, 117-119 ss, 119-123 hard sh
SW	23	24	2	Miskulin	1962	Dr	4 1/2		107	93	107	1.5		20				0-15 sandy cl, 15-107 alternating sh & ss strips
13	23	24	2		1954, 1957	Dr			300	200	160	3			D	H		0-30 dr, 30-110 sh, 110-120 sd, 120-150 sh, 150-165 sd, 165-190 sh, 190-200 sd, 200-300 sh; water runs away at 200 ft. There is a spring 1,980 ft. north.
	25	24	2	W. Smith	1955	Dr	5c		108	40	28-56	8	0	120	D			0-12 topsoil & brown cl, 12-28 gr, 28-46 gr & boulders, 46-56 fine sd, 56-66 soft black mud, 66-108 hard grey sh
	25	24	2		1957	Dr	4 1/2, 3c		140	45		4	30	60	D			0-17 cl & boulders, 17-42 boulders & gr, 42-90 sh, 90-98 ss, 98-117 sh, 117-122 ss, 122-134 sh, 134-140 shattered ss & sh
	25	24	2	W. Smith	1955	Dr	4 1/2c		70	32	53-54, 59-60, 65-66	10	36	120			Hard grey sh & hard sh	0-20 topsoil & brown cl, 20-37 gr & boulders, 37-53 blue cl, 53-54 hard grey sh, 54-59 grey sh, 59-60 hard sh, 60-65 grey sh, 65-66 hard sh, 66-70 grey sh
	25	24	2	W. Smith	1954	Dr	6, 4 1/2c		55	17	36-43	10	9	60	D			0-7 soil & cl, 7-27 gr, 27-30 soft ss, 30-34 blue cl, 34-36 hard ss, 36-40 cl, 40-43 grey sh, 43-55 ribs of sh & blue cl
	25	24	2	W. Smith	1955	Dr	5c		65	18	38-39, 60-62	10	24	60	D		Hard rib grey sh	0-16 gr & boulders, 16-18 ss, 18-38 blue cl, 38-60 grey sh, 60-62 hard rib grey sh, 62-66 grey sh
13	29	24	2	Anderburg & Sons	1956	Dr			340	180	200-340	4.5						

NW	31	24	2	James & Son	1960	Dr	5 1/2, 4 1/2c		270	225	214-218, 259-264	6		60	D	MH	Ss	0-135 soft yellow & blue cl & gr, 135-214 firm blue sh, 214-218 ss, 218-259 hard blue sh, 259-264 grey ss, 264-270 hard blue sh
N1/2	31	24	2			Dr		3700	142		135				S,Ir	MH		Well is now dry but flowed in 1954.
	33	24	2	Star	1957	Dr	7c		140	50		6						0-12 cl, 12-29 gr, 29-62 boulder cl, 62-140 sh
	34	24	2	Western Water Wells	1957	Dr	7c		130	94		1			D			0-37 boulder cl, 37-59 cl, 59-82 sh, 82-127 grey blue sh, 127-128 ss, 128-130 sh
	35	24	2	Western Water Wells	1955	Dr	7,6c	3467	116	34	94-97, 107-110	3			P		Sandy sh & ss	0-16 gr & boulders, 16-28 sandy silt, 28-50 silty sd, 50-52 cl, 52-94 sh, 94-97 sandy sh, 97-107 sh, 107-110 ss, 110-116 sh
	35	24	2	W. Smith	1954	Dr	6, 4 1/2c		135	28	60-62, 82-130, 130-132	3	53	120	Ir		Very hard brown sh, sd & black sd	0-3 surface soil, 3-30 gr & boulders, 30-38 sd & fine gr, 38-43 grey sh, 43-50 soft cl with rocks, 50-60 blue cl, 60-62 very hard brown sh, 62-80 grey sh, 80-82 sd, 82-130 grey sh, 130-132 black sd, 132-135 blue cl
	35	24	2	W. Smith	1954	Dr	6, 4 1/2c		80	38	46-50, 67-75	5		60	D		Grey sh	0-34 gr & boulders, 34-35 brown cl, 35-36 ss, 36-46 blue cl, 46-50 grey sh, 50-65 boulder cl, 65-67 sh, 67-73 blue cl, 73-75 sh, 75-80 blue cl
	35	24	2	W. Smith	1954	Dr	6, 4 1/2c		62	26	36-38, 56-62	10	6	10	D		Sh	0-10 topsoil & brown cl, 10-27 gr & boulders, 27-29 ss, 29-36 blue cl, 36-38 sh, 38-56 brown cl, 56-62 sh
	35	24	2	W. Smith	1954	Dr	6, 4 1/2c		70	33	58-70	8	17	12	D		Sh	0-18 topsoil & brown cl, 18-30 gr & boulders, 30-48 blue cl & sh, 48-58 boulder cl, 58-70 sh
	35	24	2	W. Smith	1955	Dr	6, 4 1/2c		115	32	32-35	4		60	D		Very hard grey sh	0-17 gr & boulder, 17-20 brown cl, 20-32 blue cl, 32-35 very hard grey sh, 35-110 blue sh, 110-112 coarse gr, 112-115 grey sh
	35	24	2	W. Smith		Dr	6c		60	28		10	32	90	D			
	35	24	2	Star	1954	Dr	6,5c		73			20			D			0-38 sd & gr, 38-55 sh, 55-73 ss
	35	24	2	Star	1954	Dr	7, 4 1/2c		78			20			D			0-40 sd & gr, 40-43 cl, 43-60 sh, 60-78 ss
	35	24	2	Western Water Wells	1954	Dr	7,6		175	14.5		20	140	1440	P			10-20 cl, 20-60 sh, 60-65 sandy sh, 65-85 sh, 85-96 ss, 96-102 sh, 102-107 sandy sh, 107-112 sh, 112-118 sandy sh, 118-137 sh, 137-142 ss, 142-151 sh, 151-175 ss
	35	24	2	Western Water Wells	1947	Dr	5 5/8		52	15	33-36	1			S	S		
SW	1	24	3	W. Smith	1955	Dr	6, 4 1/2c		108	24	77-79	6	25	120	D,S		Grey sh	0-4 topsoil, 4-20 yellow cl, 20-71 grey sh & layers of blue or yellow cl, 71-77 blue cl, 77-79 grey sh, 79-98 blue cl, 98-100 stony grey sh, 100-104 blue cl, 104-108 white sticky cl
5	2	24	3	Northern Water Supply	1962	Dr	5		117	35	111-112	15	50 -50	70 25	D	H	Fault in ss	0-1 topsoil, 1-12 silty sd, 12-36 yellow cl & boulders, 36-72 brown ss, 72-83 blue sh, 83-88 ss, 88-90 grey sh, 90-98 ss, 98-107 hard grey sh, 107-111 ss, 111-112 fault, 112-117 ss
SW	2	24	3	Big Indian	1964	Dr	6 1/8		154	39	108-154	4	85 -85	30 12	D	MH		0-5 topsoil, 5-20 cl, 20-25 brown sh, 25-95 hard ss, 95-108 black sh, 108-125 hard ss, 125-130 grey to black sh, 130-140 hard ss, 140-152 soft ss, 152-154 blue sh; sulfates 268, alkalinity 461

Water-Well Records, West of the Fifth Meridian (Cont'd.)

Location West of 5th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Test results Yield or test rate (gpm)	Drawdown or recovery (ft.)	Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
NE	3	24	3	Miskulin	1961	Dr	5		180	65	100–110, 167–180	20	85 -85	12 5	D		Ss	0–15 cl, 15–167 grey sh, 167–180 ss
	20	24	3	W. Smith		Dr	6c		62	39	52–62	10					Grey cemented sh	0–28 yellow cl, 28–41 grey sh, 41–50 blue cl, 50–52 hard ss, 52–62 grey cemented sh
	26	24	3	W. Smith		Dr			75	45		10						0–4 brown cl, 4–16 ss, 16–22 grey sh, 22–27 blue cl, 27–40 ss, 40–43 boulders & coarse gr, 43–70 ss & grey sh, 70–75 grey sh
13	35	24	3	Parsons	1962	Dr	6		184	84	160–170	16	4 -4	30 2.5	D,S			0–66 yellow cl, 66–70 grey cl, 70–74 fine ss, 74–80 grey cl, 80–82 hard ss, 82–95 grey sh, 95–101 hard ss, 101–103 grey cl, 103–105 hard sh, 105–121 grey cl, 121–123 ss, 123–148 grey sh & strips of grey cl, 148–153 hard blue sh, 153–183 ss, 183–184 blue cl
N1/2	36	24	3			Dr			90		45	15			D	VH		Hardness 1184 ppm
SW	2	24	4	Parsons	1964	Dr	6 5/8		155	31	112–129, 132–139	4	124 -44	14	D,S	Su	Ss	0–40 yellow cl, 40–44 gr, 44–63 cl & gr, 63–71 grey cl, 71–76 blue cl, 76–87 hard grey sh, 87–92 ss, 92–112 grey sh, 112–129 ss, 129–132 grey sh, 132–139 hard ss, 139–155 grey sh
SW	2	24	4	Parsons	1964	Dr	6		198	54	180–183	3				S,Su		0–21 ss & yellow cl, 21–31 yellow cl, 31–43 grey cl & sd, 43–54 sd rolling ss, 54–79 grey cl & sd, 79–86 ss, 86–118 grey sh, 118–124 ss, 124–129 grey sh, 129–162 black sh, 162–184 grey sh, 184–193 black sh, 193–198 grey sh
SW	2	24	4	Parsons	1965	C	6 5/8, 5 1/2c		110	30	74–76	2.75			D			0–30 yellow cl & boulders, 30–40 grey brown cl, 40–47 grey musky cl & sh, 47–56 brown sandy sh & cl, 56–62 light grey cl, 62–73 light grey sh, 73–78 brown sh, 78–100 light grey sh, 100–110 hard light sh & ss strips; sulfates 410, iron 0.2
SW	2	24	4	Parsons	1965	C	6 5/8, 5 1/2c		192	38	73–75	1.3			S	S		0–41 yellow cl & ss strips, 41–46 fine gr, 46–56 yellow sandy cl, 56–68 ss strips & sd, 68–105 light sh, cl & ss strips, 105–110 black sh, 110–142 light grey sh, 142–147 hard black sh, 147–158 grey sh, 158–175 light grey sh & ss strips, 175–192 dark sh; sulfates 1,010, iron 0.2
SW	2	24	4	Parsons	1965	C			232	D								0–30 yellow cl, 30–48 brown cl, 48–59 shattered sh caved, 59–63 light sandy cl, 63–80 light fine ss, 80–90 grey cl & sh, 90–98 dark sh, 98–180 light grey soft sh, 180–185 sharp light grey sh, 185–197 light grey sh with a hard strip, 197–202 dark sh, 202–225 light soft sh, 225–232 light hard sh

	3	24	4	James & Son	1960	Dr	5 1/2, 4 1/2c	41	10	39-41	G			P	MH	Fine sd & gr	0-17 cl, boulders & gr, 17-39 soft sandy cl, 39-41 fine sd & gr
	10	24	4	Kiengle	1955	Dr	4,3c	412	200		VG			D	S		
NE	19	24	4	Parsons	1966	C	6	68	40	62-68	9	9 -6	210 7		MH	Sd	0-3 black cl, 3-45 light colored cl & sh, 45-53 silty cl, 53-62 hard sh, boulders & shattered black sh, 62-68 sd
NE	19	24	4	Parsons	1964	Dr	6 5/8, 5 3/8c	102	70	74-77	9			D,S	S		0-10 cl, 10-33 sandy cl, 33-36 quicksand, 36-61 sd & cl strips, 61-63 sh & gr, 63-68 silty sd, 68-70 gr & sh, 70-74 coarse sd, 74-76 coarse sd & pea gr, 76-102 black sh
NE	19	24	4	Parsons	1965	C	6	30	6	7-12	7						0-12 gr, 12-30 hard black sh
NE	19	24	4	Parsons	1965	C	6 5/8, 5c	26	5	12-16	4.5				Su		0-9 gr, 9-15 shattered dark grey sh, 15-20 black sh, 20-26 hard black sh
SE	35	24	4	Parsons	1964	C	5c	75	60	62	25	<1	60	S			0-15 yellow cl, 15-26 yellow cl, ss & boulders, 26-37 grey cl & ss strips, 37-43 hard ss, 43-60 grey brown sh, 60-62 brown shattered ss, 62-63 brown ss, 63-75 brown sh
NE	15	24	5	Parsons	1966	C	6	138	90	115-125	18			S	H		0-23 cl & boulders, 23-75 gr, 75-77 cemented gr, 77-97 gr, 97-111 sd & some gr, 111-120 grey sh, 120-124 ss, 124-138 grey sh
	28	24	5	Anderburg & Sons	1958	Dr	5	152	30	90-100	2	122 -122	1500 180	D	MH		0-20 boulders & gr, 20-47 gr & sd, 47-152 dark brown sh & brown ss
SE	33	24	8	Northern Water Supply	1959	Dr	5	17	10	10	4		15	P			0-12 heavy gr, 12-17 fine to coarse gr & sd
NE	15	24	9	Northern Water Supply	1958	Dr	6	28	15	15	15		60	P	MH		0-5 sandy, 5-12 boulder & gr, 12-20 fine gr & sd, 20-28 coarse gr
NE	15	24	9	Northern Water Supply	1961	Dr	5	46	35	35-45	15	0	60	P			0-33 gr & boulders, 33-39 gr & fine sd, 39-46 gr & coarse sd
	22	24	9	Western Water Wells	1955	Dr	5c	82	63	71-81	10	0	30	P			0-71 dirty gr & boulders, 71-82 clean gr
	22	24	9	Western Water Wells	1955	Dr	6,5c	74	66	70-73	6	0	30	D?		Fine to medium gr	0-70 silty fine to medium gr, 70-73 fine to medium gr, 73-74 silty gr
SW	23	24	9	Parsons	1962	Dr	6 5/8c	66	52	52-66	32	<1	40	D	H	Sd & strips of pea gr	0-29 sandy cl, 29-44 pea gr & cl, 44-52 pea gr, 52-66 sd & strips of pea gr
SE	13	24	10	Northern Water Supply	1961	Dr	5 1/2	35	11	15-35	12	0	60	P			0-10 cl, 10-20 sd, 20-31 sd & gr, 31-35 gr
NE	22	24	10	Northern Water Supply	1959	Dr	5	50		24-50	8	27 -21	30 0		MH		0-22 silt, 22-24 gr, 24-36 fine sd, 36-38 coarse sd, 38-50 fine sd
NW	27	24	10	Northern Water Supply	1961	Dr	5	83	61.5	64-83	8	3 -3	45 45				0-8 sd, 8-62 gr, 62-64 boulders, 64-72 coarse sd, 72-83 fine sd & gr
	32	24	10	Northern Water Supply	1960	Dr	5	48.5	42	48	4			D	MH		0-29 gr & cl, 29-50 gr & boulders
	32	24	10	Miskulin	1962	Dr	5 1/2	50	35	50	15	0					0-29 brown silt, 29-39 silt & gr, 39-50 gr
	32	24	10	Northern Water Supply	1960	Dr	5	44	35	39-44	6		60	D	MH	Gr	0-28 boulders & cl, 28-37 gr, 37-39 silty cl, 39-44 gr
	32	24	10	Miskulin	1961	Dr	5 1/2	46	34	46	10		20				0-35 silt & gr, 35-46 gr & sd
	2	25	1	Western Water Supply	1958	Dr	5c	105	69	90-100	20	11	60	S		Ss	0-6 boulder cl, 6-25 ss, 25-35 sh, 35-42 ss, 42-70 sh, 70-75 ss, 75-90 sh, 90-100 ss, 100-105 sh

Location West of 5th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Yield or test rate (gpm)	Test results Drawdown or recovery (ft.)	Test results Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
SW	16	25	1	Anderburg & Sons		Dr	5	3700	200	100	170–190	10	40 –40	60 600	D			0–30 boulder gr, 30–45 brown sh, 45–92 grey sh, 92–120 brown sh, 120–127 ss, 127–130 sh, 130–135 ss, 135–146 sh, 146–160 ss, 160–170 sh, 170–196 ss, 196–200 sh
SE	24	25	1	Parsons	1963	Dr	5 1/2		135	19	52–53, 66–68, 82–83	20	70 –59	30 30	D,S	S		0–16 brown cl, 16–28 sandy cl & ss ledges, 28–54 brown ss, 54–56 grey sh, 56–69 ss, 69–77 blue cl, 77–91 ss, 91–92 blue sh, 92–108 grey ss, 108–135 grey sh; water at 66–68 ft. was high in sulfates (2600 ppm).
SE	36	25	1	Northern Water Supply	1961	Dr	5		85	18	55–80	22	35 –35	2700 1	D		Ss	0–12 yellow cl, 12–14 silty cl, 14–20 blue cl, 20–21 sd, 21–55 sh, 55–80 ss, 80–85 sh
16	36	25	1	Northern Water Supply	1959	C	6		57	31	35, 45–52	12	18 –18	120 10	D			0–26 light sandy soil, 26–35 yellow cl & pebbles, 35–36 sd, 36–56 ss, 56–57 grey sh
NE	36	25	1	Northern Water Supply	1959	C	5		175	58	26–30, 167–170	15	62 –62	120 20	D		Sd	0–26 cl & sd streaks, 26–30 sd, 30–36 brown ss, 36–120 intermitting layers of soft & hard sh, 120–121 ss, 121–167 grey sh, 167–175 ss
SE	36	25	1	Betus	1962	Dr	6		55		35–36	4	40	30			Brown ss	0–10 cl, 10–35 sd & cl, 35–36 brown ss, 36–44 brown sd & gr, 44–52 brown ss, 52–54 grey ss, 54–55 hard rock?
NE	36	25	1	C. Anderson		R	4 3/4		80			12		8	D	MH		0–23 cl & boulders, 23–25 sd, 25–32 cl, 32–33 ss, 33–48 sh, 48–49 ss, 49–57 sh, 57–58 ss, 58–80 sh
	1	25	2	Enoch	1958	Dr	5 1/2		107	98	98–107	10	0	90	D	MH	Gr	0–5 soil, 5–40 yellow cl, 40–60 sd, 60–80 sh, 80–90 cl, 90–98 cl & gr, 98–107 gr
	2	25	2	Enoch	1958	Dr	5 1/2		125	100	100–125	10	0	4?	D	MH	Gr	0–5 loam, 5–40 sh, 40–60 yellow cl, 60–80 fine sd, 80–100 sh & hard shells, 100–125 gr
	2	25	2		1958	Dr	6		88	77	78	7		15	D			0–45 boulder cl, 45–55 ss, 55–78 sh, 78–80 ss, 80–88 sh
NW	4	25	2			Dr			190			4			S			Also several hillside springs.
	5	25	2	Anderburg & Sons	1957	Dr	5 1/2c		150			8						
SW	8	25	2	Interprovincial	1958	Dr	7c		150	35		20		120	S			0–3 cl, 3–55 fine sd & silt, 55–76 blue cl & rocks, 76–88 blue sh, 88–107 grey sh, 107–112 ss, 112–119 sh, 119–124 ss, 124–145 green sh, 145–150 sandy sh
SE	10	25	2	Webster	1961	Dr	6 5/8	3600	161			120			D			0–89 glacial dr, 89–100 yellow cl, 100–118 grey sh, 118–120 grey silt, 120–140 grey sh, 140–154 Paskapoo beds, 154–155 grey fine sd & silt, 155–161 grey cl
SE	10	25	2	Webster	1961	Dr	6 5/8, 5 1/2	3600	166		118–120	120		60		H	Alternating grey silt & sh	0–100 large & small boulders, gr, & yellowish cl, 100–118 alternating grey & light blue sh & thin bentonite streaks & layers, 118–120 alternating

																	grey silt & sh, 120-140 grey sh & bentonite beds to streaks, 140-166 grey fine sd to silt; 38°F
NE	21	25	2	Big Indian	1962	Dr	3 7/8		343	303	303-343	1.75	.85 -.85	75	D	S,I		0-3 cl, 3-24 boulders & cl, 24-26 boulders & rock, 26-27 cl, 27-34 cl & rock, 34-39 consolidated gr, 39-66 grey cl & rock, 66-72 consolidated gr, 72-78 brown cl & rocks, 78-124 sh & ss ledges, 124-126 ss, 126-149 sh & ss ledges, 149-196 sh, 196-214 ss, 214-270 sh, 270-288 sh with streaks of ss, 288-314 brown ss, 314-317 soft sh, 317-323 brown ss, 323-343 lost circulation
NE	22	25	2	Parsons	1964	C	5 1/2		178	128	143-145, 161-163	8	50		D,S		Ss	0-47 brown cl, boulders, & gr, 47-130 gr, 130-139 cemented gr, 139-143 sd & heavy cl, 143-145 ss, 145-161 grey sh & ss strips, 161-163 hard ss, 163-178 grey sh & ss strips
1	23	25	2	Sedco Exploration	1963	Dr	4 3/4		320	120	290-296	5	155 -180	240 840	D	S	Shattered ss	0-45 cl, boulders, & gr, 45-70 gr, 70-114 cl, 114-220 dark sh & hard ss ledges, 220-221 soft ss, 221-290 dark sh, 290-296 shattered ss, 296-320 sh & ss ledges
1	1	25	3	Chipmunk	1964	Dr	6 1/4		300	258	268-270, 295-298	1	14 -14	15 10	D	MH		0-1 black loam, 1-142 sandy cl & small boulders, 142-300 sh & ss stringers
	4	25	3	W. Smith	1956	Dr	6	3880	50	21		8			D			0-4 topsoil, 4-24 brown cl, 24-34 blue boulder cl, 34-40 ss, 40-46 grey stony sh, 46-50 blue cl
NW	25	25	3	James & Son	1960	Dr	6 5/8, 4 1/2c		261	180	208-215	8		60	D	MH	Ss	0-145 gr, cl, & boulders, 145-208 sh, 208-215 ss, 215-246 hard sh, 246-251 grey ss, 251-261 sh
1	33	25	3	W. James	1965	C	6		200	62	160-180	10	108 -103	60 60	S			0-14 yellow cl & rocks, 14-27 cl & gr, 27-45 yellow sandy cl, 45-50 yellow ss, 50-56 light blue sh, 56-73 sandy blue sh, 73-86 sandy green sh, 86-106 hard green sh, 106-108 hard grey sd, 108-120 blue green sh, 120-178 grey sd, 178-182 green sh, 182-190 grey ss, 190-200 grey sh
	36	25	3	Interprovincial	1958	Dr	6		175			2				MH		124 br, bottomed in sh
16	9	25	5	Parsons	1963	Dr	6 5/8		101	21	51-53	3.5			S	MH		0-21 grey sh & sh boulders?, 21-63 black sh, 63-76 grey sh, 76-101 black sh with strips of grey sh
	9	25	5	Parsons	1962	Dr	6 5/8		86	51	77-84	12						0-21 shattered soft grey sh, 21-33 hard grey sh, 33-41 soft brown ss, 41-65 soft sh, 65-86 hard blue sh & small ss strips
NE	22	25	5	Parsons	1962	Dr	5 1/2		100	26	68-72	5			D,S	MH, Su		0-28 brown sh, 28-30 shattered grey sh, 30-37 black sh, 37-55 grey sh, 55-68 hard blue sh, 68-72 hard ss, 72-100 blue sh & small ss strips
SE	22	25	5	Parsons	1962	Dr	6 5/8		58	20	31-44	20	27 -27	30 4?	S			0-24 yellow cl & ss, 24-30 dark sh, 30-58 soft grey sh
NW	26	25	5	Parsons	1962	C	6 5/8, 5 3/8c		100	70	83	14	12 -12	30 2	S			0-19 yellow cl & ss strips, 19-28 pea gr, 28-44 hard brown ss, 44-52 yellow cl, 52-55 hard brown ss, 55-64 ss & grey cl strips, 64-68 very hard grey ss, 68-79 dark ss, 79-87 very hard ss, 87-90 black sh, 90-100 hard blue rock
NW	35	25	5	Parsons	1962	Dr	5 3/8, 4 1/4c		120	74	100-102	12	36 -23	18 3	S			0-4 yellow cl, 4-15 black sh, 15-39 yellow cl, 39-45 cl & bits of gr, 45-54 yellow cl, 54-76

Location West of 5th Mer. Lsd. or 1/4	Sec.	Tp.	R.	Driller	Year drilled	Type of well	Hole diam. (in.)	Surface elev. (ft.)	Well depth (ft.)	Water depth (ft.)	Aquifer depth (ft.)	Yield or test rate (gpm)	Test results Drawdown or recovery (ft.)	Test results Time (min.)	Use	Quality	Aquifer	Lithologic log, chemical analysis, and remarks
SE	22	25	5	Parsons	1962	Dr	6 5/8		58	20	31-44	20	27 -27	30 4?	S			0-24 yellow cl & ss, 24-30 dark sh, 30-58 soft grey sh
NW	26	25	5	Parsons	1962	C	6 5/8, 5 3/8c		100	70	83	14	12 -12	30 2	S			0-19 yellow cl & ss strips, 19-28 pea gr, 28-44 hard brown ss, 44-52 yellow cl, 52-55 hard brown ss, 55-64 ss & grey cl strips, 64-68 very hard grey ss, 68-79 dark ss, 79-87 very hard ss, 87-90 black sh, 90-100 hard blue rock
NW	35	25	5	Parsons	1962	Dr	5 3/8, 4 1/4c		120	74	100-102	12	36 -23	18 3	S			0-4 yellow cl, 4-15 black sh, 15-39 yellow cl, 39-45 cl & bits of gr, 45-54 yellow cl, 54-76 blue ss & cl, 76-83 black cl & sh, 83-90 grey sh, 90-96 blue sh, 96-101 ss, 101-120 grey sh
SE	35	25	5	Parsons	1962	C	6		145		100-103	.75						0-30 black cl & sh, 30-38 light sh, 38-44 black sh, 44-45 grey ss, 45-99 grey sh, 99-103 light ss, 103-140 grey sh, 140-143 hard black sh, 143-145 soft black sh
	25	25	6	Anderburg & Sons	1957	Dr	6c		192	74		20			D			0-85 gr, 85-180 cl, 180-192 gr
	26	25	7	Western Water Wells	1947	Dr	5 5/8c		98.5	58	24,70	5			P	MH		
	26	25	7	Miskulin		Dr	5 1/2c		130	85	128-130	1.5	45	60	D		Gr & sd	0-90 cemented gr & boulders, 90-128 sd, gr & boulders, 128-130 gr & sd
	26	25	7	Miskulin	1962	Dr	5 1/2		57	12	57	1	45					0-18 gr, then ss & grey sh
SE	5	25	8	Northern Water Supply	1962	Dr	5		29	20	22-26	2	9 -9	30 3	D	S		0-16 cl with pebbles & rocks, 16-20 gr & boulders, 20-26 gr & sd, 26-29 dark cl with rocks
NE	7	25	10	G. Ward	1959	Dr	6,5		190	22	106-130 182-190	10	6 -6	10 30	P		Quicksand, sd & gr	0-24 cl, sd & gr, 24-106 soft blue cl, 106-130 quicksand, 130-182 blue cl, 182-190 sd & gr
	7	25	10	Northern Water Supply	1960	Dr	5		58	42	42-47	8	3 -3	60 3	I	MH		0-2 silty cl, 2-8 fine sd, 8-48 gr, 48-58 blue cl
	35	25	12	Northern Water Supply	1960	Dr	5 1/2		76	57	73-76	1		20	D	MH		0-12 silty loam, 12-38 sandy gr, 38-42 boulders & gr, 42-56 cl & gr, 56-73 boulders & gr, 73-76 sd & gr
	35	25	12	Northern Water Supply	1960	Dr	5		101	92	100	.8	0	30	D			0-12.5 topsoil, 12.5-50 gr, 50-55 sd, 55-101 gr
	35	25	12	Northern Water Supply	1960	Dr	4 1/2		95	89	93-93.5	2	0	30	D	H	Gr	0-20 cemented gr, 20-85 sd, gr & boulders, 85-93 gr & cl, 93-93.5 gr, 93.5-95 cl
	35	25	12	Northern Water Supply	1959	C	5		55	45	55	6		30	D			0-1 topsoil, 1-26 blue cl with imbedded gr, 26-50 gr & cl, 50-55 gr
	35	25	12	Northern Water Supply	1959	C	5		163	115	68,163	2						0-10 silt, 10-67 boulder cl, 67-68 gr, 68-95 gr & cl, 95-122 gr & heavy cl, 122-136 gr, 136-137 gr, 137-153 blue cl & pebbles, 153-163 gr, sd & boulders