



ALT 3925

RESEARCH COUNCIL OF ALBERTA

Preliminary Report 62-4

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87th AVENUE & 14th ST.
EDMONTON, ALBERTA

WATER WELL RECORDS,
PEACE RIVER DISTRICT, ALBERTA

(complete to January, 1962)

by

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Research Council of Alberta
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WATER WELL RECORDS, PEACE RIVER DISTRICT, ALBERTA

(complete to January, 1962)

Abstract

Water well records constitute the basic data in any groundwater exploration program and the compilation herein presented is intended as a fundamental aid in the development of the groundwater resources of the Peace River District of northwestern Alberta.

Included in the text are the system of survey of lands used in the Province of Alberta, abbreviations used in the water well records, and a list of the water well contractors.

The present aim is to publish additional records as more information becomes available.

Purpose and Scope

The use of groundwater is increasing with the greater demand for water for domestic, municipal, and industrial purposes. Water well records constitute the basic data in any groundwater exploration program, and the list herein presented is intended as a fundamental aid in the development of the groundwater resources of the Peace River District.

The water well records on file at the Research Council are compiled from water well logs dating back to the 1920's. The bulk of the records have been collected from licensed water well contractors during recent years, by the Water Resources Branch, Department of Agriculture of the Province of Alberta.

The well records in this report are essentially the same as those submitted by the well contractors except that, wherever possible, abbreviations have been used for the different types of materials encountered during drilling. Where there is doubt as to the terminology used in a log, the log was left as it was submitted by the driller.

If any errors or omissions are noted in the present records, it is hoped that persons having additional information or corrections will submit them to the Research Council of Alberta, so that the necessary changes can be made in future compilations. The present aim is to publish additional records as more information becomes available.

Included in these water well records is information about water wells collected as part of a groundwater survey of the Beaverlodge District of Alberta and presented in the Research Council of Alberta Preliminary Report 59-2.

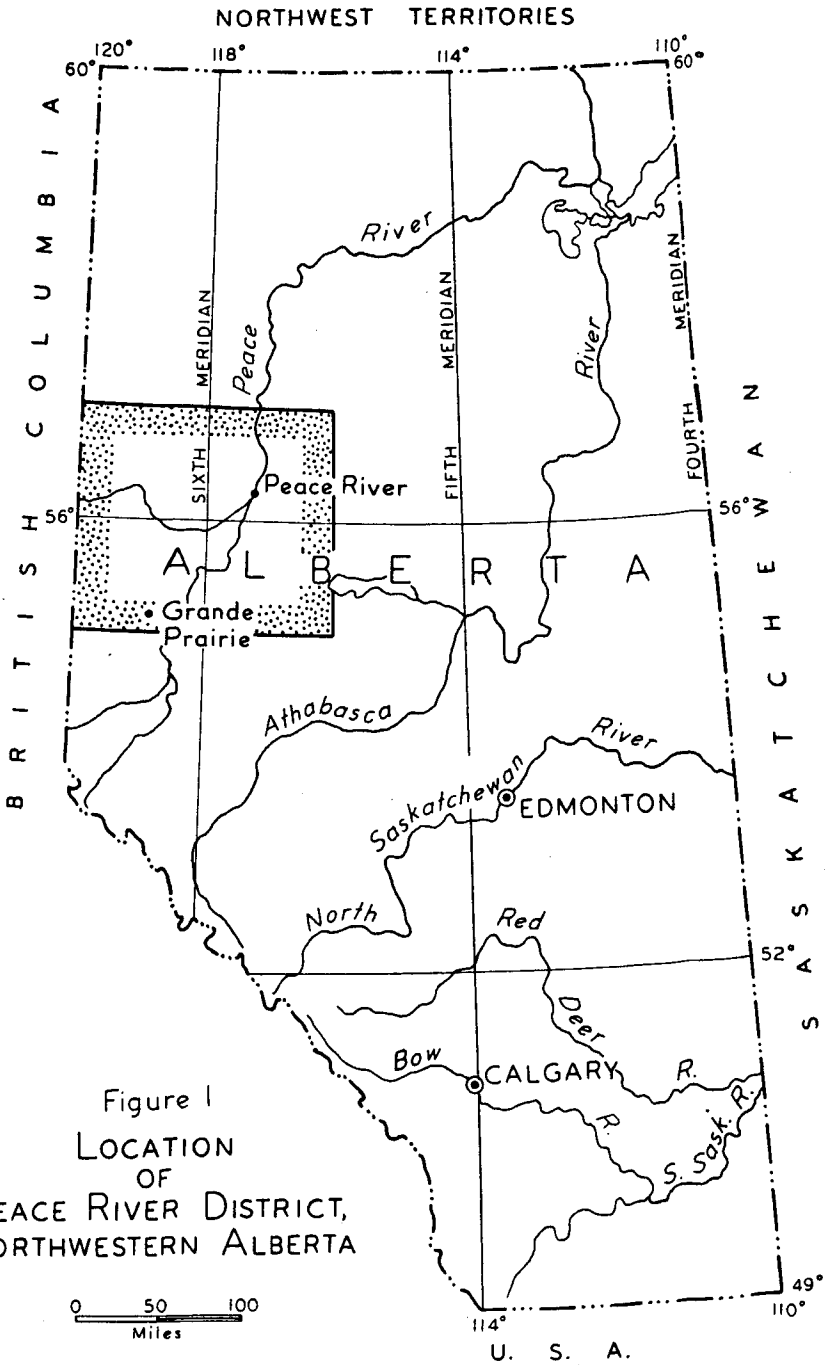


Figure 1
LOCATION
OF
PEACE RIVER DISTRICT,
NORTHWESTERN ALBERTA

The Peace River District is located between 116°00' and 120°00' west longitude and between 55°00' and 57°00' north latitude (figure 1). The total area comprises about 22,500 square miles.

The locations of the water wells are plotted on the accompanying map, to assist the users of this report to assess easily the amount of information available in a particular locale.

System of Survey of Lands

The system of survey of lands used in the Province of Alberta is explained in the following excerpt, obtained from the "Schedule of Wells Drilled for Oil and Gas in 1960", 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 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

Information and Abbreviations Used in the Text for the Water Well Records

The water well records are divided into three groups: firstly, those wells located west of the Fifth Meridian; secondly, those located west of the Sixth Meridian; and thirdly, municipal wells. These records follow one another successively in the text.

The following abbreviations have been used in the water well records:

Use of Water

M = municipal
D = domestic
S = stock
I = industrial

Quality of Water

H = hard
MH = medium hard
S = soft

Pumping or Bail Test

DD = drawdown
gpm = gallons per
minute (imperial)
gph = gallons per hour

Lithologic Log

sd. = sand
ss. = sandstone
gr. = gravel
c. = coal
sh. = shale
cl. = clay

Altitude

2326 = surveyed
2326E = estimated

Location

Lsd. = legal subdivision
1/4 = quarter, i.e. NW,
NE, SW, or SE
Sec. = section
Tp. = township
R. = range

Well diameters are in inches unless otherwise stated as feet.

The following list of licensed water well contractors in the Province of Alberta has been supplied by the Water Resources Branch, Department of Agriculture.

Licensed Water Well Drillers, Province of Alberta as of August, 1961

- | | |
|--------------------------------------|--------------------------------------|
| Aizzier Brothers, Kirriemuir | Chipmunk Drilling Co. Ltd., Ste. 5, |
| A. J. Drilling Co., Vulcan | 411 - 6 Ave. SW, Calgary |
| Anderson, C. G., Airdrie | Chorney, Laddick L., Sugden |
| Anderburg & Sons Ltd., Box 389, | Christianson, Carl, Lacombe |
| 8732 - 34 Ave. NW, | Cleveland, Wayland Morten, Box |
| Calgary | 3393, Grande Prairie |
| Babich, John W., Vilna | Coralta Drilling Ltd., Box 4104, |
| Bablitz, Reinhold, RR 2, Millet | Edmonton |
| Bablitz, R. H., RR 1, Barrhead | Cornelissen, Earl E., Box 8, Alix |
| Band H. Drilling, 11429 - 124 St., | Cornelissen, W. E., Stettler |
| Edmonton | Cowie Drilling, L. M., Sub P.O. |
| Barnard, Wilbur T., Coronation | 10, Calgary |
| Beagrie, Thomas, Swalwell | Danberger, C., Donalda |
| Bender, Peter, Balzac | Danscot Drilling Co. Ltd., 5903 - |
| Bennie, G. T., Crossfield | 102 Ave., Edmonton |
| Bentz Bros. Drilling, 9055 - 92 St., | DeForas, Jacques, Box 161, High |
| Edmonton | River |
| Berube, A. D., Beaumont | Dial, A. L., Barons |
| Berwyn Drilling Ltd., 5603 - 102A | Dial, Robert, Innisfail |
| Ave., Edmonton | Dickau, Howard J., Ponoka |
| Big Indian Drilling Co. Ltd., 216 | Dixon, Ken, Sexsmith |
| Blow Bldg., 513 - 8 Ave. | Downey, Gordon R. J., Vermilion |
| W., Calgary | Edwards, E. Neil, 7936 - 70 Ave., |
| Blackwood, Alex H., DeWinton | Edmonton |
| Blize, L. A., Warburg | Eisenberg, Otto, Stony Plain |
| Boettger, Harry, Didsbury | Elk Point Drilling Co., 11103 - 118 |
| Bohachyk, Nick, St. Brides | St., Edmonton |
| Bowers, Ray & Ralph, Caroline | Elliott Drilling, 12139 - 124 St., |
| Braconnier & Large Drilling, 9045 | Edmonton |
| Elwood Crescent, Dawson | Engle, John Peter, Vegreville |
| Creek, B.C. | Enoch, Carl L., 224 - 28 Ave. NW, |
| Breadner, Robert K., Dapp | Calgary |
| Brix Brothers, 37 - 9 St. NE, | Erickson, Ernfred, Box 92, Sylvan |
| Medicine Hat | Lake |
| Brown, Gordon L., Box 145, | Eureka Drilling Co. Ltd., Box 4424, |
| Drayton Valley | 5930 - 96 St., Edmonton |
| Bruner, J. L., Box 81, Wildwood | Farley, Jack, Patricia |
| Burgess, Bill, Elk Point | Fay, Guy E., Rocky Mountain House |
| Burgess, George, RR 4, Calmar | Five Star Drilling, 536 - 8 Ave. W., |
| Carlson, David, Owendale | Calgary |
| Caron, L. E., Wainwright | Fiveland, N. O., Westrose |
| Caskey, Allan H., Excel | Fjordbotten, Roy, Granum |
| Charles P. Miller Drilling Ser., | Flinn, Wm. T., Box 786, Lacombe |
| 3851 Eastwood Close, Red | Foothills Drilling Ltd., P.O. Local |
| Deer | 28, Calgary |

- Forester, Mrs. I. B., Box 42,
3637 - 106 Ave., Beverly
- Forester, William, Innisfail
- Forrester, Roy, 3819 - 46 St.,
Red Deer
- Fox, Howard, Ashmont
- Frederickson, J. E., St. Paul
- Gardner, William, Granum
- Garrity & Baker Drilling Co.,
10040 - 106 St., Edmonton
- Gay, C. B., Box 275, Bruderheim
- German, R. F., P.O. Box 310,
Sylvan Lake
- Gerritsen, Peter, Rockyford
- Goddard, A. E., Fort MacLeod
- Golka, C. W., Viking
- Green, C. C., Millicent
- Green, F. T., Lousana
- Griffith, Charles, Coronation
- Gunderson, Cornell, Box 208,
Forestburg
- Hadco Services Ltd., 442 - 9 Ave.
S.E., Swift Current, Sask.
- Hall, M. R. Drilling Ltd., 1743 -
36 Ave. SW, Calgary
- Halvorson, Roy R., Demmitt
- Hansen, Peter E., RR 3, Box 16,
Edmonton
- Heer, Emmanuel D., Box 419,
Stettler
- Hegland, Olaf Peter, Box 343,
Beaverlodge
- Henderson, Alvin John, RR 3,
Lacombe
- Henderson, G. R., Box 878, Ponoka
- Hendrickson, Claude P., Innisfail
- Henning, Eugene, Box 473,
Lethbridge
- Henrickson Brothers, Armada
- Hi-Rate Drilling Co. Ltd., 212 -
330 - 9 Ave. SW, Calgary
- Holemaster Drillers Ltd., #7,
10548 - 82 Ave., Edmonton
- Holm, G. E., Falun
- Horricks, Bob, Westlock
- Hostyn, Louis, Thorsby
- Hussey, Bill, Black Diamond
- Independent Drilling & Exploration
Co. Ltd., 5930 - 96 St.,
Edmonton
- International Water Supply, 8114 -
104 St., Edmonton
- Interprovincial Drilling Contr., 359
Bowness
- Jalbert, Eddie, Darwell
- James and Son, 52 Columbia Place,
Calgary
- Kalis, Ralph, Leduc
- Kenaston Drilling Co., 701 Fi-
nancial Bldg., Edmonton
- Kiehlbauch, Ted, 11129 - 106 St.,
Edmonton
- Kiehlbauch Drilling, 11129 - 106 St.,
Edmonton
- Kingsep, Robert, Eckville
- Kinsella, W., Innisfail
- Klettke, Gus, Box 532, Grande
Prairie
- Knie, Walter, Leduc
- Kotlarchuk, Paul, Mundare
- Kowalchuk, Peter, Box 367, Holden
- Kruk, Tom S., South Cooking Lake
- La Fleur, Adrian, Grimshaw
- La Forge Brothers, Westlock
- Lakevold, Milton, Provost
- Lang, Gerald, Talbot
- Lang, Thomas, St. Albert Trail P.O.,
Edmonton
- Laws and Byrt, Kitscoty and
Lloydminster
- Lawson, M. E., Olds
- Leonard, Don G., Box 866, Olds
- Lorraine Drilling Co., Black
Diamond
- McAllister, Roy, Blackfoot
- McAuley Drilling, 5930 - 96 St.,
Edmonton
- McDonnel and Schmidt, Box 402,
Lacombe
- McLaren Drilling Ltd., Box 346,
Rocky Mountain House
- McNivon Brothers, Vulcan
- M & L Drilling Co., 205 - 25 Ave.
NW, Calgary
- Mastre, Morris, Drayton Valley
- Maughan, Wm. W., 2703 - 16 Ave.
S., Lethbridge
- Medco Drilling & Development Co.,
Foremost
- Michele Drilling & Exp. Co. Ltd.,
10032 - 105 St., Edmonton

- Miller, Arnold, 10743 - 74 Ave.,
Edmonton
- Milligan, James B., Bon Accord
- Miskulin, G., 12 Moor St.,
Calgary
- Mjolsness and McKenzie, Box 248,
Coronation
- Morrison, F. C., Lloydminster
- Muchaud, Ovide, Mallaig
- Murray, Jack, Ashmont
- Naslund, E. E., Boyle
- Nepstad, Leonard K., Valhalla
Centre
- Nilsson, Russell, Raymond
- Northern Water Supply, 7433 -
26 St., Calgary
- Northside Garage, Delia
- Paladin Drills Ltd., C/O Shannon
Real Estate, 10169 - 104 St.,
Edmonton
- Parsons, R. O., 2208 - 39 St.,
Forest Lawn, Calgary
- Pearson, Bob, Hughenden
- Pearson, William, Calmar
- Peterson, Anthony A., Sunset House
- Peterson, Edwin William, Box 252,
Magrath
- Pike, Gordon, Box 83, Rimbey
- Pollard's Water Well Drilling, Box
776, Lloydminster
- Potter, W. N., Valleyview
- Pregoda, George, Staveley
- Prosser, Sherman & Henry Beckett,
Viking
- Quigg, George; Spruce Grove
- R. & P. Drilling Ltd., 2603 - 38 St.
SW, Calgary
- Renbar Drilling Co., 548 - 4 Ave.
NW, Medicine Hat
- Reyes, J. B., Brightview
- Robbins, Ernest G., Stettler
- Robert, Harvey, Box 180, Drumheller
- Robertson & McGinnis Drilling,
Darwell
- Sand-Beck Drilling Ltd., P.O. Local
28, Calgary
- Sankey Brothers, Hemaruka
- Sauve, L. C., Camrose
- Schaffer, Robert, Silver Heights
- Schellenberger, M., Stony Plain
- Schuller, Leo, Viking
- Schuster, Edwin H., Styal
- Scoggins and Raines, Lacombe -
Blackfalds
- Scott, Hugh A., Three Hills
- Scott Drilling Ltd., Mulhurst
- Seaman Eng. & Drill Co. Ltd.,
915 - 42 Ave. SE,
Calgary
- Seisform Drilling Ltd., 1609
Kensington Road, Calgary
- Servold, Harold, Camrose
- Servold, Irvin B., Camrose
- Siegel, Herman, Buck Lake
- Skoye, Emil J., Warburg
- Smith, W. C., 403 - 37 St. SW,
Calgary
- Snider, George A., Blackie
- Southern Alta. Drilling Co.,
Foremost
- Srigley, A. R. Ellwood, Busby
- Stedman, W. J., Innisfail
- Steinbrue, Kolbourne, Hythe
- Steinke, August, Millet
- Stephenson, Calvin, Darwell
- Stratichuk, Harry, Hylo
- Streifling, Harold, Clive
- Sven Lund Drilling, Box 253, Peace
River
- Swanson, Gilbert, Sedgewick
- Taks, George, Box 175, Crossfield
- Thomas, Lloyd, Alliance
- Thompson, Joe, Vermilion
- Thompson, Walter, Okotoks
- Thorsen, Ted, Heinsburg
- Trail Drilling Ltd., Sub P.O.
Local 28, Calgary
- Trans Provincial Drilling Ltd.,
Claresholm
- Turnquist, O. F., Gwynne
- Uhryn, Clifford & Ole Anda,
Skyline Trailer Court,
Edmonton
- Vaughan, Ronald E., Box 13,
Devon
- Volb, Ernest, Box 878, Drumheller
- Wagar, Sherman, Wembley
- Wambeke Brothers, RR 1, High
River
- Ward, E., 32 Malibou Road,
Calgary

Ward, G. H. Drilling Co. Ltd.,
2718 - 83 Ave. SE,
Calgary

Warehime, Frank, Barrhead

Warnke Bros. Ltd., Box 1050,
Wetaskiwin

Watkins, S. R., RR 1, Midnapore

Western Cable Tool Drilling,
10305 - 116 Street,
Edmonton

Wierenga, Clarence, Neerlandia

Wiklun, E. M., Ryley
Willow Creek Drilling Co., Fort
MacLeod

Wilson, Fred Y., Violet Grove
Wishing Well Drilling, Luseland,
Sask.

Zarowny, Mike Peter, Elk Point

Zukiwski, Paul, Box 309,
Willingdon

Zukowich, John, Alliance

Water Well Records, West of Fifth Meridian

Location West of 5th Meridian				Year drilled	Depth of well (feet)	Depth to water (feet)	Depth to aquifer (feet)	Well diameter (inches)	Altitude (feet)	Use of water	Quality of water	Driller	Pump or bail test	Lithologic log and remarks	
Ltd. or 1/4	Sec.	Tp.	R.												
2	6	70	14		30				2615						
NE	15	70	15		315	130				D					0-15 brown cl.; 15-30 blue cl., gr.
NE	15	70	22		85	50	4 1/4			D					0-25 yellow cl.; 25-285 blue, grey, brown, green sh.; 285-315 ss.
NW	15	70	22		308	160	4 1/4			D					0-8 yellow cl.; 8-76 yellow, blue, green sh.; 76-85 ss.
NW	15	70	22		161					D					0-20 yellow cl.; 20-110 sh.; 110- 120 ss.; 120-140 sh.; 140-144 c.; 144-300 sh.; 300-308 grey ss.
NW	15	70	22	1959	126	50	4 1/2			D					0-20 yellow cl.; 20-100 sh.; 100- 120 ss.; 120-140 sh.; 140-142 c.; 142-161 sh.
SW	16	70	22	1957	402	270	4 1/2			D					0-10 yellow cl.; 10-80 brown & green sh.; 80-90 ss.; 90-120 brown, green sh.; 120-126 c.
SE	21	70	22		81	40	4 1/2			D					0-20 yellow cl.; 20-55 sh.; 55- 120 grey sh.; 120-180 green sh.; 180-220 brown sh.; 220-250 green sh.; 250-390 sh.; 390-402 ss.
SE	21	70	22	1957	81	40	4 1/2			D					0-30 yellow cl.; 30-60 blue cl.; 60-70 green sh.; 70-80 brown sh.; 80-81 c.
SE	21	70	22		110	40									0-20 yellow cl.; 20-60 blue cl.; 60-70 green sh.; 70-80 brown sh.; 80-81 c.
SE	21	70	22		99	65	4 1/2			M					Water from sand
SE	22	70	22		97		5								0-20 yellow cl.; 20-90 brown & green sh.; 90-93 c.; 93-99 brown sh.
SW	22	70	22		116	60	4 1/2								0-25 yellow cl.; 25-75 blue sh.; 75-85 green sh.; 85-95 black sh.; 95-97 c.
NW	23	70	22		116	40	4 1/4			D					0-20 yellow cl.; 20-80 grey & brown sh.; 80-86 grey ss.; 86- 114 brown sh.; 114-116 c.
10	33	71	5		35				2409						0-20 yellow cl.; 20-115 brown & grey sh.; 115-116 c.
7	1	71	15		30	26			2210						0-15 brown cl. & sd.; 15-35 blue cl.
NW	5	71	19	1941	100	0.8			2460						0-30 blue cl. & boulders Bedrock: ss - buff - reddish hard ss., Wapiti

Water Well Records, West of Fifth Meridian (cont'd.)

Location West of 5th Meridian				Year drilled	Depth of well (feet)	Depth to water (feet)	Depth to aquifer (feet)	Well diameter (inches)	Altitude (feet)	Use of water	Quality of water	Driller	Pump or bail test	Lithologic log and remarks
Lsd. or 1/4	Sec.	Tp.	R.											
NE	8	72	2	1960	215	17.5		10		M		Coralta Drilling	3 gpm, DD 50 ft. in 1 hr.	0-65 blue cl.; 65-124 sd.; 124- 130 cl.; 130-158 sd.; 158-170 cl.; 170-182 sd.; 182-199 cl.; 199- 215 sh.
16	30	72	21	1959	184	24		5		D	S	W.M. Cleve- land McAuley Drilling	8 gpm, DD 160 ft. in 3 hrs.	0-90 cl.; 90-150 sd.; 150-174 sh. & c.; 174-184 ss. 0-8 sd.; 8-11 gr.; 11-37 sandy cl.; 37-42 gr.
16	9	73	11	1947	125	0			1900		H			Flow of water with gas was struck at 90 ft. - passed due to heavy silt flow
	16	73	11	1947	135	0		5 5/8	1907			W.N. Potter		Clay and stones to 90 ft.; fine sand and silt with water at 90 ft.; well bottomed in coal and sand
7	25	73	12	1958	70	4		4 1/2		D	H	L.K. Nepstad	8 gpm, DD 26 ft. in 20 min.	0-17 cl.; 17-40 sh.; 40-43 hard rock; 43-64 foam rock; 64-70 coarse sd.
12	26	73	12	1958	75	25	64	4 1/2			H	L.K. Nep- stad	8 gpm, DD 5 ft. in 15 min.	0-25 blue cl.; 25-43 ss.; 43-44 rock; 44-60 sh.; 60-64 hard rock; 64-75 sd.
	1	73	13		260	28		8 5/8				Western Water Wells		0-12 brown cl.; 12-17 sd.; 17-98 blue cl.; 98-149 grey cl.; 149- 154 sd.; 154-160 blue cl.; 160- 185 sd.; 185-197 grey cl.; 197- 206 sandy cl.; 206-239 grey cl.; 239-241 sd.; 241-259 blue cl.; 259-260 sd. & gr. 15-20 sd.
SW	10	73	22	1926	20	4		4	2000E		H			
SW	12	73	22	1936	16	4		2			H	W. Nordblom		0-14 buff colored sand; 14-16 blue grey sd.
	23	74	17	1947	540	13	536	6 1/4		M		Western Water Wells		0-383 grey cl.; 536-540 gr.; gas present
SE	10	74	23	1931	14	12					H			0-4 sandy loam; 4-10 sd. & gr.
SE	13	74	23	1936	24	10		2	2000E		H			0-24 boulder fill and sd.
SW	24	74	23	1946	6	2			1980E		H			0-1 peat; 1-5 blue cl. & sd.
	35	75	14		270	60	242	6 1/4		D	S		3000 gal. per day Approx. 20 gal. per day	Water in 20 ft. bed of ss.
NE	34	75	21	1931	50	6		2	1900E		H			
NE	7	75	22	1946	54	40		2	2000E		H	W. Nordblom		0-8 sandy loam; 8-18 boulder cl.; 18-38 cl.; 38-48 blue cl.; 48-54 blue grey sd.
SE	8	75	22	1946	80	40		2	2000E		S	W. Nordblom		Bedrock: sandy Wapiti ss.
NE	8	75	22	1936	34	20		2	2000E		H	W. Nordblom		Bedrock: red ss.
NE	9	75	22	1941	40	38	30	2	1950E		S	W. Nordblom		0-30 boulder cl.; 30-40 red sd.

NW	10	75	22	1957	145	100	4 1/2			W.N. Potter	4 gal. per day	1-20 cl.; 20-30 cl.; 30-40 ss.; 40-140 sh.; 140-145 c.	
SW	15	75	22	1947	40		2	1950E		W. Nordblom		0-30 boulder cl.; 30-33 red sd.; 33-40 black sd. Bedrock-ss. Flow: 10 gpm	
SW	6	75	23	1936	30	10		2000E	S	S		Age of rocks: Wapiti	
SE	10	76	24		9	1.5						0-9 Coarse white, blue-grey sd.	
NW	7	77	20	1931	76	75	76	2	1960E			Well flows in wet years	
SW	19	77	20	1930	70	30		1960E	S	S		0-60 blue cl.; 60-70 sd.; 70-77 gr.	
NW	1	77	21		14	2		1980E		S			
SE	12	77	22	1931	60	40		1880E	S	H		0-5 light cl.; 5-30 blue cl.; 30-55 cl., & red sd.; 55-60 gr. & white sd.	
SW	35	77	22	1923	59	20		1880E		H		Water from gr.	
NE	35	77	22	1926	40	6		1880E	S	H		0-35 blue cl.; 35-40 yellow sd.	
NW	31	77	23	1946	9	2		1800E	D	H		Water from sd. and gr.	
SW	6	78	21	1931	60	25		1880E		H		0-8 loam; 8-60 yellow, blue cl., then sd.	
NW	6	78	21	1921	65	25		1920E	S	H	30 pails daily	Water from sd.	
	9	78	21	1947	513	170	495	5				Water from sd.; supply sufficient	
NW	19	78	21	1931	35	20		1950E		H			
SE	31	78	21		12.5	8		1980E	S	H	20-30 pails daily	0-12 blue cl., & sd.	
NE	9	78	22	1946	46	7		1890E		H		0-46 boulder till	
SW	15	78	22	1946	50	20		1890E	D	H	P. Dumas	0-50 boulder till	
SE	18	78	22	1943	57	30		1920E	S	H	P. Dumas	0-35 blue cl.; 35-36 sd.; 36-55 blue cl.; 55-57 sd.	
SW	21	78	22	1931	54	20		1880E		H			
SE	33	78	22	1946	68	30		1920E		H	P. Dumas	0-22 grey soil; 22-40 yellow cl.; 40-65 blue cl.; 65-68 sd.	
NW	35	78	22		30	20		1920E		H			
NW	2	79	22	1938	60	15		1960E	S	H		0-5 grey soil & yellow cl.; 5-55 boulder till	
NW	10	79	22	1928	50	30	50	2	1980E	S	H	0-50 boulder cl. & hard blue cl.	
NW	14	79	22	1931	48	38	48	2	1980E	S	H	P. Dumas	0-48 boulder till, blue cl. & sd.
SE	15	79	22	1928	50	30	50	2	1980E	S	H	P. Dumas	0-50 boulder cl., hard blue cl.
SE	27	79	22	1931	50	12	50		1980E		H	P. Dumas	0-50 boulder till, water from sd.
NE	34	79	22	1931	50	20	50		2000E		H	P. Dumas	0-50 boulder till with lenses of sd., water from sd.
SW	2	80	22	1931	70	20	70	2	2000E	S		P. Dumas	0-70 blue cl., boulder till
SW	3	80	22	1930	25	7		1990E	S	H		0-21 blue cl., 21-25 sd.	
NW	20	81	25		80			1940E					
SW	28	81	25		272	0				D	H	L.K. Nepstad	0-268 cl., & silt, 268-272 gr. Flow: 15 gpm
NE	35	81	25		324			1955E				C. Kendrew	Flow: 1.5 gpm
SW	4	82	20	1924	180			1950E	S			Trowsdace	Bedrock: Dunvegan ss.
NE	12	82	21	1931	30	5		1900E	S				Blue cl.
NW	9	82	22	1931	13	12		1700E	S				0-6 till; 6-12 sd.; 12-13 sh.
NW	10	82	22	1924	85	60		1900E	S	H	10 barrels per day		0-60 till; 60-80 sd.
SW	16	82	22		1.5	1.5		1085E			1-2 barrels per day		Bedrock: black sh.
SE	22	82	22	1928	60	10		1950E	S	H			0-40 blue cl.; 40-60 cl. & sd.
SW	35	82	22	1926	4	4		1740E					Bedrock: sh.
NW	32	82	22	1959	74				S	H			0-25 cl.; 25-72 sd.; 72-74 gr.

Water Well Records, West of Fifth Meridian (cont'd.)

Location West of 5th Meridian				Year drilled	Depth of well (feet)	Depth to water (feet)	Depth to aquifer (feet)	Well diameter (inches)	Altitude (feet)	Use of water	Quality of water	Driller	Pump or bail test	Lithologic log and remarks
Lsd. or 1/4	Sec.	Tp.	R.											
NE	32	82	23	1958	73	23				D	H			0-35 cl.; 35-55 sd. & cl.; 55-70 ss.; 70-76 sd.
4	2	82	24	1959	275	42		3 1/2				W.H. Pankin	2 gpm, DD 7 ft. in 30 min.	0-20 cl.; 20-70 sh.; 70-105 cl.; 105-106 gr.; 106-195 blue cl.; 195-235 sh.; 235-236 ss.; 236-275 blue cl.
NE	7	82	24		145	20						Fast Drilling		
NW	13	82	24		70	25			1880E			Fast Drilling		Water from gr.
SE	15	82	24		62							Fast Drilling		Water from gr.; flow: 3 gpm
SE	16	82	24	1956	160	34						Fast Drilling	Pump: 3.5 gpm	
NW	19	82	24		117	23						Fast Drilling	Pump: 3 gpm	
	31	82	24	1959	200	78		4 3/4		D		W.H. Pankin	2 gpm, DD 0 ft. in 1 hr.	0-10 sd.; 10-149 cl.; 149-151 gr.; 151-176 light cl.; 176-177 black ss.; 177-189 grey ss.; 189-200 sh. 0-15 brown cl.; 15-65 blue cl.; 65-67 ss.; 67-73 gr. Well bottomed in sd.
	31	82	24		73	69		4 1/2		D	H	W.H. Pankin		
NE	34	82	24		96	70				D	H			
NE	35	82	24	1929	80	20					H			
	14	82	25		62	10						Fast Drilling	Pump: 5 gpm	
SW	24	82	25		76	69		4		D	H	C. Kendrew	10 gpm, DD 0 ft. in 2 hrs.	Well bottomed in sd. & gr.
SE	25	82	25		127	86		4 1/2				C. Kendrew	Pump: 6 gpm	
NE	32	82	25	1954	99	58		4		D		C. Kendrew	10 gpm, DD 3 ft. in 6 hrs.	0-10 sandy cl.; 10-50 sd. & gr.; 50-70 ss.; 70-100 sd. & gr. 0-20 gr. & cl.; 20-48 sd. & gr.; 48-60 sd.; 60-72 cl.; 72-77 sd. & gr.; 77-105 blue cl.; 105-110 blue cl.; 110-130 hard pan; 130-140 sd. & cl.; 140-145 blue cl.
SE	33	82	25		145							C. Kendrew		
	24	82	26		110	10						Fast Drilling	Pump: 4 gpm	
15	35	82	26	1959	130	74		5				W.H. Pankin		0-20 cl.; 20-60 gr.; 60-95 sh.; 95-105 white ss.; 105-130 sh. Bedrock: Dunvegan
NW	5	83	21	1937	100				1950E				20 pails per day	
NW	9	83	21	1922	55	5		3.5		S	H		2 barrels per day	0-50 blue cl.; 50-55 sd. & gr.
	32	83	21		56	29		6 1/4				W. Nadeau	8 gpm, DD 0 ft. in 7.5 hrs.	0-20 brown cl.; 20-25 grey brown cl.; 25-30 clay with pebbles; 30-35 grey cl.; 35-38 grey brown clay; 38-40 cl. & gr.; 40-48 gr. & sd.; 48-55 gr. & sd. 0-20 cl.; 20-40 sd.; 40-104 ss. & cl.; 104-106 sd.; 106-108 ss.; 108-115 gr.
NW	5	83	23	1961	115	15				D	H			
NE	5	83	23		55	51				S	H			
SE	6	83	23	1957	110	6							5 gpm, for 72 hrs.	

NW	7	83	23		91	46	4 1/4		D	H	C. Kendrew	10 gpm, DD 5 ft. in 8 hrs.	0-23 gr. & cl.; 23-31 sd. & cl.; 31-38 cl. & quicksd.; 58-64 gr. & cl.; 64-80 quick sd.; 80-90 sd. & gr. Flowing
NW	15	83	23		100	0							
NW	16	83	23	1953	160	25				H			
SW	18	83	23		110					H			
NE	19	83	23		13	7				H		Pump: 1.5 gpm for 1.5 hrs.	0-110 cl.; 110- gr.
SW	28	83	23		10	5				H			0-13 gr.
NE	28	83	23		14	0				H			Well bottomed in sd.
SW	29	83	23	1951	15	3			D	H			Well bottomed in gr., flowing
NW	29	83	23	1956	26	21			D	S			Well bottomed in gr.
NW	30	83	23	1921	30	29			D	S			Well bottomed in sd.
SE	32	83	23	1943	52	51			D	S			0-17 cl.; 17-30 gr.
SW	32	83	23	1956	53	46			D	S			0-3 cl.; 3-23 gr.; 23-37 cl.; 37-52 gr.
NW	32	83	23	1938	37	35			D	S			0-20 gr.; 20-40 ss.; 40-53 gr.
NW	34	83	23	1920	40	38			D	S			0-5 cl.; 5-37 gr.
SE	2	83	24	1955	128	115				S			0-3 till; 3-40 sd. & gr.
NE	3	83	24	1950	139	35					C. Kendrew	Pump: 5 gpm for 48 hrs. 3 gpm for 48 hrs.	0-2 cl.; 2-10 sd. & gr.; 10-123 cl.; 123-128 gr.
SE	9	83	24	1950	80				D	H			0-120 cl.; 120-135 ss.; 135-139 gr.
NW	13	83	24	1954	55	49			D	H			Well bottomed in sd.
SE	16	83	24		28	26			S	H			0-47 cl.; 47-55 ss.
									D	H			0-22 till; 22-26 gr. & cl.; 26-28 gr.
SE	22	83	24		200	15					C. Kendrew		
SE	23	83	24		35	32			D	H			0-33 cl.; 33-35 sd.
SW	23	83	24		33	23							
SW	24	83	24	1920	26				S & D	H			Well bottomed in gr.
NW	24	83	24		40	20				H			0-10 gr.; 10-15 cl.; 15-37 gr.; 37-40 cl.; 40-40+ sd.
SE	25	83	24	1955	19	16			D	H			0-8 cl.; 8-19 gr.
SE	36	83	24	1957	40	36							Well bottomed in gr.
I	4	83	25		133	58	4						0-62 old well; 62-70 sd. & gr.; 70-133 fine sd.
8	23	83	26		130	70	3 1/2				W.H. Pankin		0-20 cl.; 20-25 sd.; 25-90 gr.; 90-103 blue cl.; 105-106 black ss.; 106-116 white ss.; 116-130 sh.
16	23	84	22		150	0	6	1900E	D	H			0-20 brown cl.; 20-26 blue cl.; 26-37 sd. & gr.; 37-38 rock; 38-140 blue cl.; 140-150 fine sd.; flowing
SW	4	84	23		40	38							0-3 cl.; 3-40 sd. & gr.
NE	5	84	23		50	40	4 1/4		D	H	C. Kendrew	10 gpm, DD 0 ft. in 3 hrs.	0-6 gr. & cl.; 6-15 gr.; 15-30 sd. & gr.; 30-38 fine gr.; 38-50 gr. & sd.
SE	6	84	23	1950	38	37.5			D & S	H			0-12 cl.; 12-14 sd.; 14-38 gr.
NE	36	84	24	1930	60	44				H			0-3 cl.; 3-58 gr.; 58-60 sd.
NW	33	86	25	1958	265	230	4	2150E	S	H	W. Nadeau		0-20 brown cl.; 20-25 blue cl.; 25-27 rock; 27-170 blue cl.; 170-190 fine sd.; 190-230 blue cl.; 230-265 sd.

Water Well Records, West of Fifth Meridian (cont'd.)

Location West of 5th Meridian				Year drilled	Depth of well (feet)	Depth to water (feet)	Depth to aquifer (feet)	Well diameter (inches)	Altitude (feet)	Use of water	Quality water	Driller	Pump or bail test	Lithologic log and remarks
Lsd. or 1/4	Sec.	Tp.	R.											
NE	25	86	26		34	4		3		D	H	L. K. Nepstad	3 gpm, DD 6 ft. in 30 min. Recovery 4 ft. in 5 min.	0-29 cl.; 29-34 gr.
12	30	87	7	1957	60		5	5				Michele Drilling	8 gpm, DD to 60 ft. in 30 min. Recovery to 5 ft. in 24 min.	0-20 sandy cl.; 20-40 fine sd.; 40-60 glacial till
12	30	87	7		200			5				Michele Drilling		0-20 brown cl.; 20-70 sd.; 70- 200 glacial till
SE	8	87	25	1958	187	2		5				W. Nadeau	5 gpm, DD 8 ft. in 3 hrs. Recovery 8 ft. in 15 min.	0-25 brown cl.; 25-40 blue cl.; 40-48 fine sd.; 48-80 blue cl.; 80-88 fine sd.; 88-150 blue cl.; 150-185 fine sd.; 185-187 gr.
13	21	87	25		175			4 1/2				W.H. Pankin	4 gpm, for 10 hrs.	0-40 cl.; 40-60 white cl.; 60- 90 sd.; 90-140 blue cl.; 140-165 cl. & layers of ss.; 165-175 sh.

Water Well Records, West of Sixth Meridian

Location West of 6th Meridian				Year drilled	Depth of well (feet)	Depth to water (feet)	Depth to aquifer (feet)	Well diameter (inches)	Altitude (feet)	Use of (feet)	Quality of water	Driller	Pump or bail test	Lithologic log and remarks	
Led. or 1/4	Sec.	Tp.	R.												
SW	33	69	10		127										
NW	33	69	10		14			2308			H				
SW	35	69	11		140	50					S	K. Steinbrue	1 gpm, for 15 hrs.	0-133 cl.; 133-140 ss.	
NE	18	70	7		385	264		2240							
NE	21	70	7		15										
NE	14	70	8		8	2					H				
SE	30	70	8		286	180		2240E			S				
SE	34	70	8		266	215		2297			S				
SE	34	70	8		395	200					S				
NW	35	70	8		217	60					S				
NW	35	70	8		217	120		2279			S				
NW	36	70	8		327	150		2275E			S				
SW	13	70	9		42	8					H				
NE	16	70	9		60	20		2372			S				
SE	21	70	9		325	240		2361			S				
NW	21	70	9		254	109		2275E			S				
NE	22	70	9		235	220		2286			S				
SE	22	70	9		240	80		2322			S				
SE	23	70	9		175	162		2291			S				
SE	28	70	9		165			2287			S				
NE	33	70	9		180						H				
SW	34	70	9		140	65		2265			S				
NE	7	70	10		210	50		2326							
NW	8	70	10		200										
NW	9	70	10		331	66									
13	9	70	10	1958	231	66					S	K. Steinbrue	2 gpm, DD 54 ft. in 1 hr. Recovery to 66 ft. in 15 min.	0-73 cl.; 73-180 soapstone; 180-189 ss.; 189-222 soap- stone; 222-231 ss.	
SE	17	70	10		225			2313							
SW	17	70	10		170	90		2311			S				
SE	18	70	10		160	130					S	K. Steinbrue		0-115 cl.; 115-140 soapstone; 140-160 ss.	
SW	18	70	10		80	45		2313			S				
NE	20	70	10		240	100		2250			S				
NW	20	70	10		203	20		2150				K. Steinbrue	3 gpm, for 5 hrs.	0-12 cl.; 12-15 ss.; 15-17 gr.; 17-26 ss.; 26-30 soapstone; 30- 32 ss.; 32-153 soapstone; 153- 193 rock; 193-203 ss.	
SW	28	70	10		180	160		2280E							
13	30	70	10		335	0					D	S	L. K. Nep- stad	12 gpm, DD 120 ft.	0-76 cl.; 76-100 ss.; 100-120 rock; 120-170 sh.; 170-177 hard rock; 177-178 sd.; 178-200 rock; 200-220 sh.; 220-280 rock; 280- 300 sh.; 300-305 rock; 305-315 sh.; 315-318 hard rock; 318-335 sh.

Water Well Records, West of Sixth Meridian

Location West of 6th Meridian				Year drilled	Depth of well (feet)	Depth to water (feet)	Depth to aquifer (feet)	Well diameter (inches)	Altitude (feet)	Use of (feet)	Quality of water	Driller	Pump or bail test	Lithologic log and remarks
Lsd. or 1/4	Sec.	Tp.	R.											
NW	32	70	10		98	40			2391					
SE	33	70	10		228	150		3	2375E			L. K. Nepstad		
SW	33	70	10											
NE	6	70	11		156	15				S	H	K. Steinbrue		Well abandoned 0-10 cl.; 10-20 sd.; 20-56 cl.; 56-96 ss.; 96-140 soapstone; 140- 150 ?; 150-154 ss.; 154-156 coal
SE	17	71	7		190	30			2283					
SW	21	71	7		160	140			2308					
1/2	2	71	8		120	80			2300		H			
NW	2	71	8		121	80			2317		H			
SW	3	71	8		310	80			2320		S			
SE	4	71	8		8	2			2250		H			
SW	8	71	8		180									
SE	12	71	8		85	60								
NW	12	71	8		12	6					H			
NE	14	71	8		85	60			2365					
NE	15	71	8		127	46			2390		S			
NW	15	71	8		145	70			2403		S			
NE	18	71	8		118	20			2375		S			Village well 3 wells about same depth
NW	21	71	8		90				2407		H			
NE	22	71	8		153	65			2400					
NW	22	71	8		80	30			2275E		H			
1	25	71	8	1958	163	60		3		S	S	K. Steinbrue	1 1/2 gpm, DD in 30 min. Recovery to 60 ft. in 2 hrs.	0-110 cl.; 110-113 ss.; 113-160 soapstone; 160-163 ss.; 163- bottom sh.
NE	33	71	8		152	150			2445		S			
SW	3	71	9		185	95			2260E		S			
NW	3	71	9		155	90			2280E		H			
NW	5	71	9		77	72			2250E		H			
SW	6	71	9		365	65			2360E		S			
SW	6	71	9		405	260					S			
NE	9	71	9		276	140			2350E		S			
NW	9	71	9		188	120			2330E		H			
SE	10	71	9		166	30			2360E					
NE	12	71	9		160	19			2375E		S			
SE	19	71	9		128	60			2340E					
NE	22	71	9		136	19					S			
NE	22	71	9		30	2			2465		S			
SW	22	71	9		115	18			2430E		S			
NW	23	71	9		105	5					S			
NW	23	71	9		37	1			2464		S			
NW	24	71	9		40				2487		MH			
SE	25	71	9		101	80			2517		S			

Water Well Records, West of Sixth Meridian (cont'd.)

Location West of 6th Meridian				Year drilled	Depth of well (feet)	Depth to water (feet)	Depth to aquifer (feet)	Well diameter (inches)	Altitude (feet)	Use of water	Quality of water	Driller	Pump or bail test	Lithologic log and remarks
Lsd. or 1/4	Sec.	Tp.	R.											
16	19	72	6		223			5			S	W. M. Cleve- land		0-45 cl.; 45-55 brown sd.; 55-70 cl.; 70-124 sd.; 124-150 cl.; 150- 152 sd.; 152-218 sh.; 218-219 sd.; 219-223 sh.; flowing
	25	72	6		169	55		4 3/4		D	S	W. M. Cleve- land	4 1/2 gpm, DD 55 ft. in 2 hrs.	0-30 brown cl.; 30-80 sd.; 80-110 blue cl.; 110-162 sh.; 162-169 ss.
SE	7	72	7		341	100			2346		S			
SW	17	72	7		385						S			
NW	18	72	7		183				2364		S			
NE	20	72	7		104				2180		MH			Flowing
SW	21	72	7		110				2170		S			Flowing
SE	4	72	8		270	220			2518		S			
SE	9	72	8		28				2589		MH			Flowing
SE	9	72	8		32	4			2594		MH			
NE	12	72	8		140	45			2339		S			
NW	13	72	8		141				2360		S			
SE	23	72	8		247	120			2432		S			
SW	28	72	8		130	75			2428		S			
SE	33	72	8		248	65			2351		S			
NE	34	72	8		196	8					S			
SW	6	72	9		97	15			2381		H			
NW	6	72	9		186	75			2404		S			
SE	8	72	9		206	10			2604		S			
SE	18	72	9		80	65			2459		S			
SW	19	72	9		271				2595		S			
NE	25	72	9		105	45			2486		S			
SE	30	72	9		185	130			2595		S			
SW	31	72	9		195	30			2493		S			
NW	33	72	9		185	5					S			
SW	1	72	10		295	143					S			
NW	1	72	10		180	170			2475E		S			
SE	2	72	10		162	27								
SW	2	72	10		142	110					H			
SW	2	72	10		137	30					S			
NW	2	72	10		150	68			2363		H			Town well
NW	2	72	10		232	79			2380		S			Town well
NW	2	72	10		157									
NW	9	72	10		78				2360					Flowing
NW	9	72	10		91	10		3		D	MH	O. Hegland		0-13 cl.; 13-17 gr.; 17-89 cl.; 89-91 gr.
NE	10	72	10		215	100								
SE	10	72	10		171	80			2416		S			
	11	72	10		60	32		2		D		K. Steinbrue		0-40 gr.; 40-60 rock

Water Well Records, West of Sixth Meridian (cont'd.)

Location West of 6th Meridian				Year drilled	Depth of well (feet)	Depth to water (feet)	Depth to aquifer (feet)	Well diameter (inches)	Altitude (feet)	Use of water	Quality of water	Driller	Pump or bail test	Lithologic log and remarks
Lsd. or 1/4	Sec.	Tp.	R.											
2	30	73	3		340	65		9				Danscot Drilling	30 gpm, DD 10 ft. in 2 hrs. Recovery 10 ft. in 15 min.	0-30 cl.; 30-300 blue cl.; 300-340 sd.
1	30	73	5		333	100					S	L. K. Nep- stad	2 gpm, DD 90 ft. in 30 min.	0-80 cl.; 80-86 bedrock; 86-216 sh.; 216-290 ss.; 290-333 layers of hard rock.
	24	73	6		222	117		2		D		L. K. Nep- stad	3 gpm, DD 33 ft. in 4 hrs.	0-30 cl. & sh.; 30-90 sd.; 90-110 ss.; 110-210 hard rock; 210-222 sd.
	25	73	6		160	100		6 1/4				Danscot Drilling		0-70 brown cl.; 70-120 blue cl.; 120-130 gr.; 130-135 sd.; 135-145 ss.; 145-160 sandy sh.
15	25	73	6		198	120	196	3			S	L. K. Nep- stad	3 gpm, for 1 1/2 hrs.	0-80 cl.; 80-150 sh.; 150-190 ss.; 190-196 hard layer.
13	34	73	6		220	110		7		D		Danscot Drilling	12 gpm, DD 0 ft. in 2 hrs.	0-30 cl.; 30-36 sandy cl.; 36-140 cl.; 140-150 sd.; 150-180 ss.; 180-200 ss.; 200-220 sh.
SE	8	73	7		135				2220		S			
SW	16	73	7		125	40			2296		S			
SE	17	73	7		135	130			2353		S			
SW	20	73	7		80	40			2302		S			
NW	21	73	7		211	156			2382		S			
SW	28	73	7		180	40			2404		S			
SE	29	73	7		263	140			2386		S			
SW	3	73	8		172	14			2296		S			
SE	4	73	8		200	20			2317		S			
NE	7	73	8		280	40			2428		S			
NE	9	73	8		280	150			2441		S			
SE	9	73	8		190	45			2387		S			
NW	10	73	8		280	115			2387		S			
SW	14	73	8		200				2272		S			Flowing
SE	15	73	8		354	45			2325		S			
SW	15	73	8		312	150			2431		S			
NE	16	73	8		300	180			2472		S			
SW	16	73	8		390	190			2477		S			
SW	17	73	8		280	100			2423		S			
SE	18	73	8		317	144			2422		S			
SE	20	73	8		330	154			2490		MH			
SW	20	73	8		8	6			2456		S			
NE	24	73	8		120				2252		S			Water-table well
SE	25	73	8		207	55			2336		S			Flowing
SE	26	73	8		140				2275		S			
NE	30	73	8		175	140			2466		S			Flowing
SE	30	73	8		164	34			2468		S			

NW	30	73	8	160	90	2438	H		
SW	31	73	8	286	30	2427	S		
NW	31	73	8	320	20	2414	S		
NW	32	73	8	308	32	2377	S		
SE	33	73	8	440	8		S		
NW	33	73	8	305	70		S	4	2 1/2 gpm, DD 110 ft. in 6 hrs.
NE	34	73	8	80	12		S		0-60 cl.; 60-280 layers of ss. & sd.; 280-305 sd. & gr.
NE	36	73	8	180	60	2415	S		
SW	6	73	9	185	14		S		
NE	9	73	9	263	60	2502	S		
SW	9	73	9	243	70	2513	S		
NW	16	73	9	182	140	2556	S		
NW	18	73	9	82	50	2509	S		
NW	20	73	9	272	130		S		
SE	28	73	9	178	100	2467	S		
NW	29	73	9	250	60	2437	S		
NE	31	73	9	32			S		
NE	31	73	9	215	15	2405	S		Flowing
SE	33	73	9	60	44	2399	H		
NE	35	73	9	105	55				
SW	2	73	10	160	60	2482	S		
NW	2	73	10	55	20	2494	S		
SW	9	73	10	10	8	2542	H		Water-table well
NW	9	73	10	165	70	2529	S		
SW	12	73	10	101	27	2484	S		
NW	12	73	10	238	4	2454	H		
SW	14	73	10	132	62	2516	S		
SW	16	73	10	240	65	2509	S		
SE	17	73	10	64	57	2524	H		
NW	20	73	10	100			S		
NW	20	73	10	104			S		Flowing - 3 wells same depth
SE	21	73	10	130			S		Well bottomed in ss.; flowing
NW	21	73	10	165	50	2517	H		Flowing
NW	21	73	10	82		2460			0-2 cl.; 2-60 gr.
NW	21	73	10	64	1		S		
SW	22	73	10	140	70	2553	S		
NE	23	73	10	120	18	2469	S		
SE	26	73	10	80	28	2494	S		
NW	30	73	10	129	15		D & S		
NW	35	73	10	150	55		S		
16	35	73	10	180	30	2487	S		
							D	2	L. K. Nepstad 4 gpm, DD 60 ft. in 6 hrs. Recovery 60 ft. in 30 min.
SW	1	73	11	1929	98		D & S		Flowing
NW	3	73	11	1950	20		D & S		Well bottomed in sd.
NE	3	73	11	1950	6		D		Well bottomed in sd.
NE	3	73	11	1922	95		D	2	Well bottomed in sd.
SE	5	73	11	120	45		D & S		Well bottomed in ss.
	11	73	13	187	10	187		5	0-52 cl.; 52-125 sh.; 125-130 hard rock; 130-165 ss.; 165-170 water & sd.; 170-184 ss.; 184-186 hard rock

Water Well Records, West of Sixth Meridian (cont'd.)

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Location West of 6th Meridian				Year drilled	Depth of well (feet)	Depth to water (feet)	Depth to aquifer (feet)	Well diameter (inches)	Altitude (feet)	Use of water	Quality of water	Driller	Pump or bail test	Lithologic log and remarks	
Lsd. or 1/4	Sec.	Tp.	R.												
12	32	74	2		100	30		6 1/4				MH	Danscot Drilling	12 gpm, DD 6 ft. in 5 hrs.	0-18 cl.; 18-25 gr.; 25-26 coal; 26-100 sd.
2	4	74	3		375	0		6 1/4	2155E	D & S		Danscot Drilling	10 gpm, DD 50 ft. in 24 hrs.	0-20 cl.; 20-240 blue cl.; 240-241 coal; 241-375 sd.	
1	27	74	3		220			6 1/4				S	Danscot Drilling	5 gpm, for 10 hrs.	0-60 cl.; 60-62 bentonite; 62-140 cl.; 140-144 bentonite; 144-195 blue cl.; 195-215 ss.; 215-220 cl.
NW	20	74	4		240	156		6 1/4		D	S	Danscot Drilling	5 gpm, DD 0 ft. in 3 hrs.	0-35 cl.; 35-150 blue cl.; 150- 155 gr.; 155-165 sd.; 165-195 ss.; 195-200 sandy; 200-240 sh.	
13	26	74	4	1959	515	207		7		D	S	Danscot Drilling	7 gpm, DD 0 ft. in 3 hrs.	0-160 cl.; 160-230 sandy cl.; 230- 236 sd.; 236-430 sandy cl.; 430- 515 sd.	
SW	4	74	7		220							S			Village well
SW	7	74	7		120							H			Flowing
NE	8	74	7		32	5			2482			H			Flowing
NE	17	74	7		6							H			
SE	18	74	7		110	50						H			
NW	18	74	7		60	18						H			
NE	19	74	7						2539						Flowing
SE	20	74	7		12				2501			MH			
SW	28	74	7		176	25			2546			S			
NE	29	74	7		208	90			2631			S			
SW	29	74	7		43	37			2556			H			
NW	31	74	7		125	60			2611			S			
NW	32	74	7		7				2667						Flowing
SW	4	74	8		295	140			2422			S			
NE	7	74	8		209	20			2398						
NE	8	74	8		103	63		4 1/4		D		L. K. Nep- stad	8 gpm, DD 17 ft. in 1/2 hr. Recovery 17 ft.	0-80 cl.; 80-100 silty sd.	
NE	9	74	8		134	90									
SW	9	74	8		196	100						S			
NW	9	74	8		110							H			
NW	9	74	8		262	70			2435						
SE	10	74	8		199	17						S			
12	10	74	8		120	40		4		D		L. K. Nep- stad	5 gpm, DD 80 ft. in 3 hrs.	0-65 cl.; 65-89 sh.; 89-90 rock; 90-99 sh.; 99-120 ss.	
	10	74	8		144	50		3		D	MH	L. K. Nep- stad	6 gpm, DD 84 ft. in 2 hrs.	0-20 cl.; 20-26 hard rock; 26-75 sh.; 75-140 ss.; 140-144 water & ss.	
NW	12	74	8		58	35			2456			H			
SE	14	74	8		77	9			2466			H			
1	14	74	8	1959	142	42		2		D		L. K. Nep- stad	4 gpm, DD 60 ft. in 2 hrs. Recovery 60 ft. in 2 hrs.		

SW	15	74	8	140	60			S			Village well	
SW	15	74	8	140	60						Village well	
SW	15	74	8	103				S			Village well	
SW	15	74	8	149	46			S			Village well	
SW	15	74	8	146	60	2402		S			Village well	
SW	15	74	8	170	100			S			Village well	
SW	15	74	8	170		2416					Village well	
SW	15	74	8	60	49			MH				
NE	16	74	8	90	60			S				
NW	16	74	8	200	125	2500		S				
SW	17	74	8	105	35	2409		S				
SE	18	74	8	87	20	2418		S				
SE	18	74	8	125	35		5	D	S	L. K. Nepstad	6 gpm, for 2 min.	0-90 cl.; 90-93 hard layer; 93-125 sd.
SE	20	74	8	206	100			S				
NE	21	74	8	150	32	2431						
SE	22	74	8	120	60	2433		S				
SE	23	74	8	23	18	2465						
SE	24	74	8	180	100			MH				
NW	24	74	8	221	60							
NE	26	74	8	145	90	2504						
SW	26	74	8	125	80	2510						
NE	27	74	8	138	40			S				
SE	29	74	8	115	20	2425						
NE	32	74	8	123	115	2545						
NE	33	74	8	70	45	2518		MH				
SW	33	74	8	48	8			H				
NW	34	74	8	165	28	2511		H				
NE	36	74	8	215	30	2588						
NW	3	74	9	170	8	2395		S				
SE	4	74	9	80	20	2392		H				
SE	6	74	9	70		2388		S				
4	6	74	9	189	18		2	D	S	L. K. Nepstad	2 1/2 gpm, DD 60 ft. in 4 hrs.	Flowing 1-119 topsoil & cl.; 119-160 sh.; 160-175 ss.; 175-179 hard rock
SE	8	74	9	30	26			MH				
NE	8	74	9	130	30	2423		S				
NE	8	74	9	132			2			L. K. Nepstad		
NW	12	74	9	100	20	2393		S				
SW	13	74	9	122	12	2397		S				
SW	14	74	9	76	60	2422		H				
SE	17	74	9	100	50	2440		S				
SW	17	74	9	90	42	2412		S				
NW	17	74	9	96	31	2440		S				
SE	18	74	9	240	15	2416		S				
SW	18	74	9	124	0			S				
NE	19	74	9	207	60	2557		S				
NW	19	74	9	27	10			H				
NE	21	74	9	110	70	2516		S				
NE	22	74	9	92	77	2557						
NW	23	74	9	188	100	2530		S				
SE	24	74	9	33	20	2433		S				

Water Well Records, West of Sixth Meridian (cont'd.)

Location West of 6th Meridian				Year drilled	Depth or well (feet)	Depth to water (feet)	Depth to aquifer (feet)	Well diameter (inches)	Altitude (feet)	Use of water	Quality of water	Driller	Pump or bail test	Lithologic log and remarks
Lsd. or 1/4	Sec.	Tp.	R.											
SW	26	74	9		98	20			2546		S			
SE	27	74	9		120	110			2569		H			
SW	27	74	9		85	40			2532					
NW	27	74	9		11	1					H			
NE	28	74	9		140	50			2527		S			
SW	30	74	9	1958	171	40					S	K. Stein- brue	5 gpm, DD 0 ft. in 1 hr.	0-35 cl.; 35-39 ss.; 39-55 cl.; 55-171 soapstone; 171-172 ss.
NE	36	74	9		90	2					H			
SE	1	74	10		116	20			2400E		S			
SE	2	74	10		149	26			2477		S			
NW	2	74	10		92	14			2467		S			
SE	3	74	10		145	40			2480					
NE	7	74	10		165	75		3		D	S	K. Stein- brue		Bedrock: Wopiti ss.
16	8	74	10	1940	50	25		2		D	H	K. Stein- brue		
10	10	74	10		94	30		2		D		L.K. Nep- stad	4 gpm, DD 40 ft. in 30 min. Recovery 40 ft. in 15 min.	0-76 cl.; 76-90 ss.; 90-91 rock; 91-94 ss. & water
NE	10	74	10		120	25			2492		S			
SW	10	74	10		124	8		2		D	S	R. Halvor- sen		0-9 cl.; 9-18 sd.; 18-19 gr.; 19- 71 sd.; 71-74 gr.; 74-92 sd.; 92- 95 ss.; 95-98 sd.; 98-124 ss.
NW	10	74	10		130	9			2484		S			
NW	11	74	10		112	23			2464		H			
NW	12	74	10		161	10	159	2		D		L.K. Nep- stad	4 gpm, DD 60 ft. in 15 min.	0-50 cl.; 50-90 sh.; 90-92 rock; 92-147 ss.; 147-156 rock; 156-159 ss.
NE	12	74	10		108	8					S			
SW	13	74	10		90	2			2435		S			
SE	14	74	10		125	35								
SW	18	74	10		150	80		2		D	S	K. Stein- brue		
SW	22	74	10		60						S			
SW	23	74	10		75	40			2490		H			
NW	24	74	10	1958	82	30				D	MH	L.K. Nep- stad	8 gpm, DD 0 ft. in 1/2 hr.	0-33 cl.; 33-73 ss.; 73-75 rock; 75-82 softer rock
NE	25	74	10		78	19					H			
SE	27	74	10		130	2			2463		S			
SE	27	74	10		80	47	77	4		D	S	L.K. Nep- stad		0-18 cl.; 18-35 brown ss.; 35-38 hard rock; 38-53 ss.; 53-54 hard rock; 54-76 white ss.; 76-77 hard rock

Water Well Records, West of Sixth Meridian (cont'd.)

Location West of 6th Meridian				Year drilled	Depth or well (feet)	Depth to water (feet)	Depth to aquifer (feet)	Well diameter (inches)	Altitude (feet)	Use of water	Quality of water	Driller	Pump or bail test	Lithologic log and remarks
Lsd. or 1/4	Sec.	Tp.	R.											
SE	6	75	8		26	20			2528		H			
NW	9	75	8		87	30			2590		S			
SE	18	75	8		60	20			2642		H			
SE	18	75	8		60	20			2642		H			
SW	18	75	8		20	4					S			
SE	3	75	9		160				2707		S			
SW	3	75	9		28	23			2670		S			
NW	3	75	9		140	70			2672		S			
SW	4	75	9		142	60			2546		S			
SW	5	75	9		143	65			2544		H			
NW	5	75	9		178	30					MH			
NW	6	75	9		131	29			2552		H			
NE	7	75	9		240	12			2562		S			
SW	7	75	9		150	19			2559		S			
NW	7	75	9		95	20			2565		H			
NW	8	75	9		175				2535		S			Flowing
NE	9	75	9		77	24								
NE	18	75	9		62	9			2578		S			
SE	19	75	9		145	12					S			
NE	19	75	9	1958	55	46		3		S		K. Steinbrue		
NE	19	75	9	1958	77	48		2		D	MH	K. Steinbrue		0-36 cl.; 36-55 soapstone
16	32	75	9		45	23	36	3			MS	K. Steinbrue		0-36 cl.; 36-48 ss.; 48-77 loose ss. 0-30 cl.; 30-36 ss.; 36-45 sd. and water
SE	2	75	10		90	46								
SE	2	75	10		10	4			2493		H			
SW	2	75	10		40	26			2487		H			
SW	3	75	10		46	11			2495		S			
SW	4	75	10		40	10			2513		S			
NW	4	75	10		80	15			2513		S			
NE	9	75	10		12				2525		S			Flowing
SW	11	75	10		59	20			2548		S			
SW	21	76	3	1931	80	18		5 5/8		S	S	J. Triebwas- ser		Water in sd. between 22 & 23; at 45 - hard cl. Water from 12" of quicksand
NW	36	76	3	1930	14 1/2	7 1/2			2200E	D	MH			
4	18	76	5	1958	180	30	174	5 1/8		D	MS	W.M. Cleve- land	20 gpm, DD 40 ft. in 3 hrs.	0-10 brown cl.; 10-15 cl. & gr.; 15-35 brown cl.; 35-76 blue cl.; 76-125 sandy cl.; 125-172 sh.; 172-178 ss.; 178-180 sh.
13	18	76	5		250	9	238	4 1/4			MH	W.M. Cleve- land	8 gpm, DD 91 ft. in 2 hrs.	
	22	78	6	1947	600						H			0-300 sh. & grey silt
NW	33	81	2	1950	12	7								
NW	33	81	2	1915	120	50					H	M.R. Dodge		Water from sd.
SW	27	81	3	1915	380	340	380	6				P. Wrightout		

Water Well Records, West of Sixth Meridian (cont'd.)

Location West of 6th Meridian				Year drilled	Depth or well (feet)	Depth to water (feet)	Depth to aquifer (feet)	Well diameter (inches)	Altitude (feet)	Use of water	Quality of water	Driller	Pump or bail test	Lithologic log and remarks
Lsd. or 1/4	Sec.	Tp.	R.											
NE	16	73	11	1942	84						S			Well bottomed in ss.; flowing
SE	20	73	11		34	6	4			D	S			
SE	20	73	11	1938	80						S			Flowing- well bottomed in sd.
SE	20	73	11	1938	75					D	S			Flowing- well bottomed in sd.
NE	20	73	11	1947	97					D	S			Well bottomed in ss.; flowing 3 gpm
SE	21	73	11	1941	90	5	2			D	S			Flowing
NW	21	73	11	1935	80					D	S			Flowing- well bottomed in gr.
SE	21	73	11		90					D	S			Flowing
SW	23	73	11		112						S			Flowing- well bottomed in ss.
SE	24	73	11	1930	200	7				D	S			
SE	26	73	11	1928	50	5					S			Well bottomed in ss.
SE	27	73	11	1928	35	20					S			
SE	27	73	11	1930	90	4	2			D	S			
SE	28	73	11		90						S			
SW	28	73	11	1938	36	16					S		12-15 gph	Flowing- well bottomed in ss. 0-12 cl.; 12-34 sh. & ss.; 34-36 hard ss.
SE	33	73	11	1928	40	15					MH			Well bottomed in ss.
NE	33	73	11	1959	133	35				D & S	MS	F. E. Wyant		Well bottomed in sd.
SW	34	73	11	1940	24	5				D	MS	P. Hegel		Well bottomed in sd.
NW	34	73	11	1932	160	50					S	P. Hegel		
SE	35	73	11	1923	90	53	2			D & S	H	Homland		Bedrock; ss., 53 ft.
SW	35	73	11	1926	96	3				D & S	H			Well bottomed in ss.
SW	36	73	11		100			2		D & S	S	K. Steinbrue		Flowing- 4 gpm
SW	36	73	11	1960	130					D & S	S			Flowing, bottomed in sd.
NW	36	73	11	1959	130	5	2			D	MS	K. Steinbrue		0-18 cl.; 18-35 sd.; 35-95 cl.; 95- 123 sd.; 123-124 ss.; 124-130 sd.; 130-138 limestone
16	9	73	12		162	40	3				S	O. Hegland	4 gpm, DD 12 ft. in 2 hrs. Recovery 12 ft. in 10 min.	0-25 cl.; 25-27 rock; 27-47 cl.; 47-162 ss.
14	12	73	12	1958	165	55	4 1/2			D	S	L. K. Nep- stad	6 gpm, DD 30 ft. in 1/2 hr.	0-107 cl.; 107-125 ss.; 125-165 sh.
10	11	73	13	1958	198	20	2			D	S	L. K. Nep- stad	4 gpm, DD 60 ft. in 1 hr. Recovery 60 ft. in 1 hr.	0-75 cl.; 75-190 ss. & sh.; 190- 198 water & sd.
NW	11	73	13		203	1	200	2		D	S	L. K. Nep- stad	4 gpm, DD 10 ft. in 15 min. Recovery 10 ft. in 5 min.	0-92 cl.; 92-160 sh.; 160-163 hard rock; 163-200 ss.
	11	73	13		135	12	2			D	S	L. K. Nep- stad	3 gpm, DD 6 ft. in 6 hrs. Recovery 60 ft. in 30 min.	0-60 cl.; 60-130 ss.; 130-132 hard rock; 132-135 water

Village, Town, and City Water Well Records

Village, Town or City, and well number	Location					Year drilled	Depth of well (feet)	Depth to water (feet)	Depth to aquifer (feet)	Well diameter (inches)	Altitude (feet)	Use of water	Quality of water	Driller	Pump or bail test	Lithologic log and remarks
	Lsd. or 1/4	Sec.	Tp.	R.	Mer. W. of											
Berwyn	#1	31	82	24	5	1936	114	50		4		M			900 gals. per hr.	Well bottomed in sd. Well bottomed in sd. & gr.
	#2	31	82	24	5	1931	120	58		8		M			900 gals. per hr.	
Beaverlodge		2	72	10	6	1957	250	96		10		M	S		16 1/2 gpm, for 48 hrs.	0-6 sandy cl.; 6-100 boulder cl.; 100-102 c.; 102-108 sh.; 108-116 ss.; 116-125 hard cl.; 125-250 sh. Well abandoned
Well Oszust	#1	2	72	10	6	1954	150	72	140			M	H	Western Water Wells	41 gpm, DD 83.5 ft. in 48 hrs. Recovery 83.5 ft. in 4 hrs.	0-74 glacial cl. with boulders; 74-98 sd. & sandy cl. with a little water; 98-125 soft sandy cl.; 125-135 sd.; 135-140 gr. & sd.; 140-142 glacial cl.; 142-145 hard head of cl.; 145-150 glacial cl.
Well Howey	#2	2	72	10	6	1951	232	79	211			M	S	Western Water Wells	45 gpm, for 48 hrs.	0-43 boulder cl.; 43-80 yellow sd.; 80-90 yellow sandy cl.; 90-127 boulder cl.; 127-139 fine sd.; 139-145 glacial cl.; 145-156 sd. & gr.; hard cemented; 156-232 glacial cl.
Bezanson		10	72	3	6	1959	532	180				M		G. Klettke		Well finished in ss. & sh., of the Wapiti formation
Clairmont	#1	25	72	6	6		155									Gus Klettke drilled shallow wells Ken Dixon drilled deep wells
	#2	25	72	6	6		165									
	#3	25	72	6	6		165									
Fairview	#4	25	72	6	6		255									8 in. telescoping #100 slot Johnson Stainless Steel Screen installed from 48 to 58 feet Complete pumping test data on file at Research Council of Alberta, along with locations and logs of test holes in this area; 3 observation wells near site of well
		1	27	82	2	6	1961	65	9.0	8 5/8		M	H	Hirate Drilling	180 gpm, DD 28 ft. in 54 hrs.	

