

26N-20W-13

File No.

T. 26N R. 20W

DUPLICATE

MONTANA WATER RESOURCES BOARD

County Lake

LOG

RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground Approx.
(Elev. above sea level 3083')

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1982

Formations Log:

- 0 - 1½ Black dirt & gravel.
- 1½ - 9 Tan clay, cobblestones & boulders.
- 9 - 78 Light gray rock. (Hard)
- 78 - 552 Gray green rock. Water entering well from cracks & seams in rock from 547

(Under Chapter 237, Montana Session Laws, 1961)

Owner William H. & Clarice F. Bush Address Sylvan Drive Big Fork, Montana

Drilled Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

Date well started 10/17/68 Date completed 10/29/68

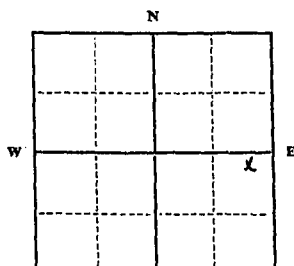
Type of well Drilled Equipment used Air Rotary
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Water rises in the well 49 feet from surface.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" OD x 3/8"	-0-	13	NONE		



Static Water Level for non-flowing well 49 feet.

Shut-in Pressure for Flowing Well Non-f

Pumping Water Level 260 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well Non-flowing

How Tested Air lift pump

Length of Test Two hours

One half of lot B & lot C Lot 3, 100' x 684.87' Sec. 13 T. 26N R. 20W

Remarks: (Gravel packing, cementing, packers, type of shutoff) Annular space around casing is cemented from six feet below surface to thirteen feet. All water entering well from cracks and seams in rock from 547 to 552 feet. Wells in this area can be depended upon to produce clear sand free water year after year as (Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Approx. 3 Acres.

Show exact depth of bottom.
Bottom of hole 552'

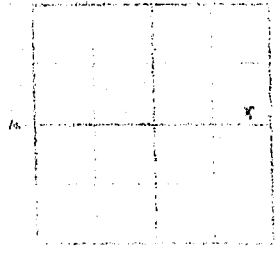
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

52
Driller's License Number
William D. Adams
Driller's Signature

45,008

...the purpose of this report is to provide a summary of the data...
...the results of the tests conducted...
...the capacity of the aquifer...
...the pumping rates...
...the results of the tests...
...the capacity of the aquifer...
...the pumping rates...



long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 75 percent of the tested capacity of the aquifer.

R-1139

187823

Well Report

William A. Clarice

J. Bush

to
The Public

STATE OF MONTANA
County of Lake
Filed on the 17 day of Feb
A. D. 1917 at 11:40 o'clock A.M.
ETHEL M. HARDING
County Clerk and Recorder
By: [Signature]

County Lake Twp. 26 N. Rge. 19 W.

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
2	Anderson, James P. & Agnes C.	GW 3	160788	-
3	Gembala, Clarence	GW 2	163980	-
3	Houston, Glen	GW 2	190881	-
2	Kenyon, Mumford W. & Myrtle R.	GW 2	201083	-
2	Leach, Henry I.	GW 4	163039	-
2	Leach, Henry I.	GW 3	163040	-
2	Leach, Henry I. & JoAnn R.	GW 2	184597	-
2	Leach, Henry I. & JoAnn R.	GW 2	184596	-
2	Linn, Grace	GW 2	203668	-
3	Gembala, Leonard	GW 2	190313	-
3	Higgins, Roy L. & Marjorie J.	GW 4	171665	-
3	Holt, Kenneth & Mildred	GW 4	160279	-
3	Kitz Miller, L.L.	GW 2	157143	-
4	Alkrecht, William	GW 4	163181	-
4	Meyer, E. J.	GW 2	201146	-
4	Road, Newton V. & Marianna	GW 3	163260	-
4	Whitney, Ralph M. & Alice M.	GW 3	205177	-
4	Whitney, Ralph M. & Alice M.	GW 3	205178	-
10	Anderson, Russell L.	GW 2	158094	-
10	Paulson, Glen A.	GW 4	162875	-
12	Montana Highway Comm.	GW 2	167734	-
12	Stuebe, George J.	GW 2	191286	-
14	Holst, D.R.	GW 2	193883	-
14	Hurt, Vern or Lee	GW 2	210637	-
14	Kinyon, Clare	GW 2	209727	-
14	Podbielski, Jerome L. & Edna L.	GW 4	163277	-
18	Barnowski, William A. & Emil	GW 1	1130	?
18	Boiteau, C. A.	GW 2	206755	-
18	Mattson, Texie M.	GW 4	186408	-
18	Mullen, Stella	GW 3	187653	-
18	Dunn, Boyle W. & Nalbardine L.	GW 2	204663	-
18	Tippett, A.L.	GW 2	204679	-
18	U.S.F.S. (Lease - Texie M. Mattson)	GW 3	186312	-
19	Ashline, Mary	GW 4	178291	-
19	Ashline, Mary	GW 3	178290	-
19	Bergie, Martin	GW 2	163789	-
19	Bayer, George & Harriet	GW 4	162801	-
19	Bayer, George & Harriet	GW 3	162795	-
19	Burns, Dr. Malcolm & Helen	GW 2	183105	-
19	Fox, B.C. & Leita	GW 4	162958	-
19	Grimm, Rudolf & Carlton	GW 1	155751	?
19	Hughes, Mrs. Jack G.	GW 2	199954	-
19	Kops, Frank	GW 2	181278	-
19	Mauzey, Eugene F. & Helen M.	GW 2	210641	-
19	Montana Fish & Game	GW 2	190481	-
19	Nelson, Nellie	GW 4	163741	-

File No. R-198

T. 26 R. 19

DUPLICATE

County

RECEIVED
AUG 21 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

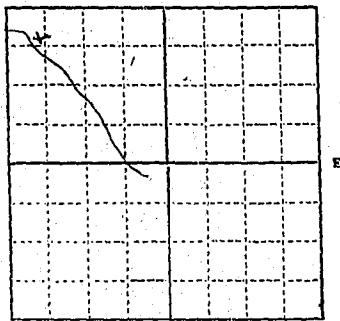
Date of Appropriation of Groundwater... June 30, 1960
Owner... James P. Anderson and Agnes C. Anderson
Address... Rt. 1 Bigfork, Mont.

Contractor (if any) ... none

Address of Contractor

Date Started... June 30/60 Date Completed... June 1962

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring flowing approximately 300 gal. per minute, used for domestic use and irrigation, and intend to use for trailer Court



NW 1/4

1/4 Sec. 2 T. 26N R. 19 W
Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.....

continuous full time for domestic use, as needed for irrigation and tourist court

Signature of Owner James P. Anderson
Agnes C. Anderson

Date... August 14, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

5458.

R-198

160788

STATE OF MONTANA

County of Lake

Filed on the 17 day of Aug

A. D. 1903 at 4 o'clock P. M.

[Signature]
County Clerk and Recorder

By

[Signature]

Deputy

GW2

File No. _____

T. 26^N R. 19^W

DUPLICATE

County Jake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 10 1964

**Notice of Completion of Groundwater
Appropriation by Means of a Well ENGINEER**

(Under Chapter 237, Montana Session Laws, 1961)

Owner Clarence Hembaker Address Big Lake, Mont.

Driller Bob Hudson Address Swan Lake

Date of Notice of Appropriation of Groundwater _____

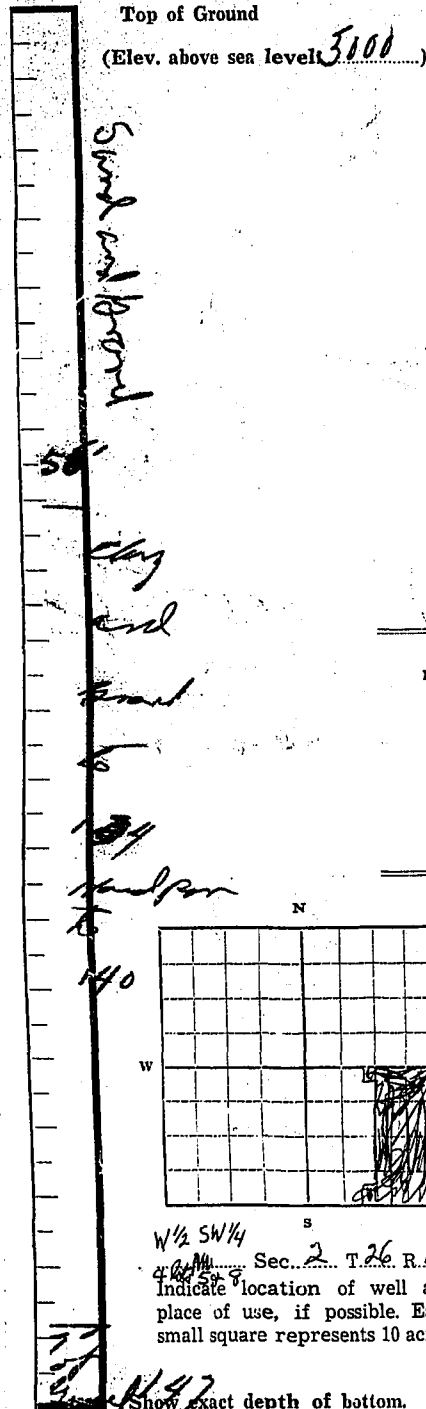
Date well started March 20, 1963 Date Completed March 26, 1964

Type of well drilled Equipment Used Churn drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6	6 3/4 O.D. 17 lb per ft.	7'	147'			



Static Water Level for non-flowing Well _____ feet.

Shut-in Pressure for Flowing Well 45

Pumping Water Level 62 feet at 16 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Surber Length of Test 4 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) 1.2

Driller's License Number 103

Driller's Signature Bob Hudson

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

34854

R937

163980

STATE OF MONTANA

County of Lake,

Filed on the 28 day of Jan

A. D. 1964 at 11:00 o'clock P.M.

HAZEL KINNICK

County Clerk and Recorder

By E. Cowman

Deputy

Approved
 Not Approved
 Corrected
 Returned
 Other

Date: _____
 Signature: _____
 Title: _____

1/28/64
 163980
 163980
 163980

File No. _____

26N R 19W

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED

County Lake County

LOG

OCT 29 1969 STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level 2900)

Top soil
clay and
gravel
to 14'

clay and
rock
to

Some water
at 34'

Rock and Clay

clay

136 Gravel
to +
140

Show exact depth of bottom.

Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner Glenn Houston Address Rt. 1 - Bigfork Mont

Driller Robert Hudson Address Sumner Lake Mont

Date of Notice of appropriation of groundwater _____

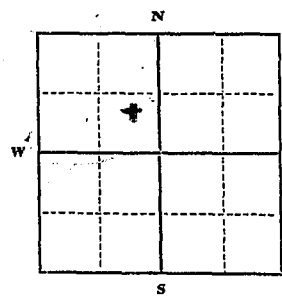
Date well started 8-26-69 Date completed 9-1-69

Type of well Drilled Equipment used Churn
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>5 1/2"</u>	<u>6 3/8 OD</u> <u>189 wall</u> <u>casing</u>	<u>0</u>	<u>140'</u>	<u>none</u>		



Static Water Level for non-flowing well 30' feet.

Shut-in Pressure for Flowing Well _____ feet.

Pumping Water Level 42 feet at 16 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Butler

Length of Test 3 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

Lot 6
So. E 1/4 NW 1/4 Sec. 7 T26N R19W

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition)

10 acres

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

11033
Driller's License Number

Robert M. Hudson
Driller's Signature

45,784

190881
R-1174

WELL REPORT
GLEN HOUSTON
to
THE PUBLIC

STATE OF MONTANA ss
County of Lake
Filed on the 28 day of Oct
A. D. 1969 at 10:05 o'clock A. M.
By Ethel M. Harding
County Clerk and Recorder
Jewell Bent
Deputy

2.00

105
47

MONTANA WATER RESOURCES BOARD
RECEIVED

26N-19W-2
County L.A.K.
Swan Lake
DRILLER'S LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOV 18 1971

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

(Under Chapter 237 Montana Session Laws, 1961, as amended)
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	14	Gravel and clay
14	50	Clay
50	66	Gravel

Owner Manfred W. & Myrtle R. Kenyon
1420 South Home Dr.
Address 77991
Ojai, Calif.

For Administrator's Use	
File	<u>201083</u>
	<u>November 17, 1971</u>
	<u>1:53 P.M.</u>

Date well started 4.25.71
completed 5.1.71
GW 1

Type of well Drilled
(Dug, driven, bored or drilled)

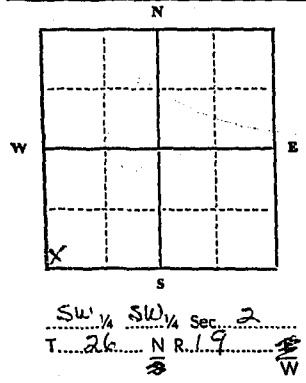
Equipment used CROWN
(Chain drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

*Describe _____
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 100,000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
<u>5 1/2"</u>	<u>6 3/8"</u> <u>219W</u>	<u>0</u>	<u>66</u>	<u>none</u>		



Static water level 215.5 ft.*
Pumping water level 3.5 ft.*
at 18 gallons per minute,
measured _____ minutes after pumping
began.
*Measured from ground level.
Well developed by backing
for 12 hours.
Power Electric Pump 1/2 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) none

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.
Driller's Signature Robert W. Gaudron
Driller's Address SWAN LAKE
Box 125 57911 LICENSE NO. 103

6'3" Show exact depth of bottom

R- 1303

201083

Wall Report

Mylet R. Kenyon

20

The Public

STATE OF MONTANA
County of Lake

Filed on the 17 day of Nov

A. D. 1971

ETHEL M. HARDING
County Clerk and Recorder

By Wilhelmina Daughlin
Deputy

2.00

1971 NOV 17 10 58 AM
CLERK'S OFFICE
LAKELAND

about 10:00 AM. The records will be checked
later. A fee of \$2.00 is required for a
copy. This certificate is valid for 30 days
from the date of this filing. In the
event of any delay in filing, it will be

STATE OF MONTANA
COUNTY OF LAKE
Mylet R. Kenyon
Wall Report
201083
20
The Public
FILED
NOV 17 1971
ETHEL M. HARDING
COUNTY CLERK AND RECORDER
BY WILHELMINA DAUGHLIN
DEPUTY

1971 NOV 17 10 58 AM
CLERK'S OFFICE
LAKELAND

1971 NOV 17 10 58 AM
CLERK'S OFFICE
LAKELAND

1971 NOV 17 10 58 AM
CLERK'S OFFICE
LAKELAND

1971 NOV 17 10 58 AM
CLERK'S OFFICE
LAKELAND

1971 NOV 17 10 58 AM
CLERK'S OFFICE
LAKELAND

File No.

T. 26^N R. 19^W

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

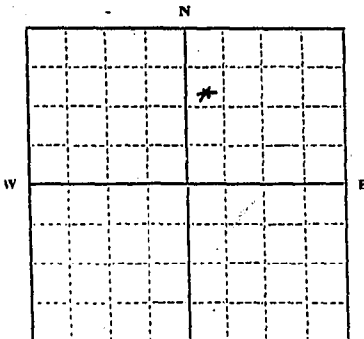
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Henry J. Seach, of Route 1 Bigfork
(Name of Appropriator) (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



LOTS 1-2 TR 4B
SW 1/4 NE 1/4 Sec. 2 T 26 R 19

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based Home
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 9 years ago every day
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump 1 1/2" outlet reduced to 1/2" for home

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater

8. The depth of water table 13 ft about 6 ft of water

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

10. The estimated amount of groundwater withdrawn each year no idea, used for family use

11. The log of formations encountered in the drilling of each well if available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Henry J. Seach
Date Dec 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

R698 163039
Water Report
Henry J. Leach
to
The Public

STATE OF MONTANA
County of Lake,
Filed on the 31 day of Dec
A. D. 1932 at 3:20 o'clock P.M.
HAZEL KINNICK
County Clerk and Recorder
By E. Cowman Deputy

File No.

T. 26^N R. 19^W

DUPLICATE

County

RECEIVED
JAN 6 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater *Dec 31 1963*

Owner *Henry J. Seach* Address *Rt 1 Bigfork*

Contractor (if any) *None*

Address of Contractor

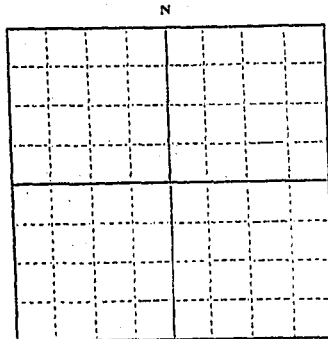
Date Started..... Date Completed.....

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

This is a small spring, flows year around but I don't use it at present time.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent,

estimate approximate lengths of periods of use.....



SE⁴ NE⁴ NE⁴ Sec. 2 T. 26 R. 19

Indicate point of appropriation and place of use, if possible.

Signature of Owner *Henry J. Seach*

Date *Dec 31 1963*

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

R699
163040
Water Report
Henry J. Leach
To
The Public

STATE OF MONTANA
County of Lake,
Filed on the 31 day of Dec
A. D. 1963 at 9:35 o'clock A.M.
County Clerk and Recorder
By E. Cowman
Deputy

RECORDED
INDEXED
ENGINEER

File No. 9W2

MONTANA WATER RESOURCES BOARD

RECEIVED

MAY 25 1968

T. 26 R. 19 2

County Lake County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level) APPROX. 3200

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of ground to 11 feet, clay and gravel.

Owned by Henry I. Leach or Route #1 Joann R. Leach Address Bigfork, Montana

Water bearing gravel to 12 1/2'

Drilled by Robert W. Hudson Address San Lake, Montana

Clay and rock to 34 feet.

Date of Notice of Appropriation of Groundwater October 9, 1967

Date well started Oct. 9, 1967 Date Completed Oct. 11, 1967

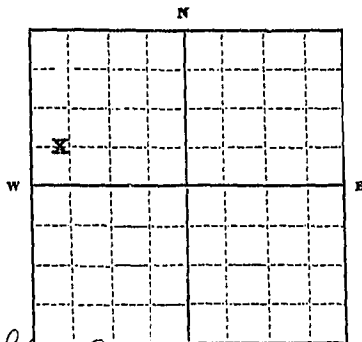
water & gravel to 39 feet.

Type of well drilled Equipment Used drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 7/8" O.D.	15 lb. per ft.	0 ft.	39ft.	6" O.D.	34'	39'



Section 26 Range 19
T. 26 R. 19

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom 39 feet

Static Water Level for non-flowing Well 12 feet

Shut-in Pressure for Flowing Well not flowing

Pumping Water Level 5 feet at 40 gal. per minute.

Discharge in gal. per min. of flowing well not flowing

How Tested by gas pump Length of Test 24 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation 20 acres

Driller's License Number

Robert W. Hudson
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

44,163

R 1110

184597

Well Report

Henry J Leach

Jo Ann R Leach

STATE OF MONTANA

County of Lake

Filed on the 22 day of

May

A. D. 1968 at 1:37 o'clock P. M.

ETHEL M. HARDING

County Clerk and Recorder

by

Genevieve Cowman

Deputy

File No. *202*

MONTANA WATER RESOURCES BOARD

T. *26* R. *19* *22*

RECEIVED

MAY 25 1968

County Lake County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Top of Ground Approx.
(Elev. above sea level 3200)
4 feet of open hole
clay & gravel to 11'
water bearing gravel to 12 1/2 feet
clay and ~~gravel~~ rock to 29 feet
water & gravel to 34 1/2'
clay 34 1/2 to 37 feet

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Henry I. Leach or Joann R. Leach Address Route #1 Bigfork, Montana

Drill Robert W. Hudson Address Swan Lake, Montana

Date of Notice of Appropriation of Groundwater October 3, 1967

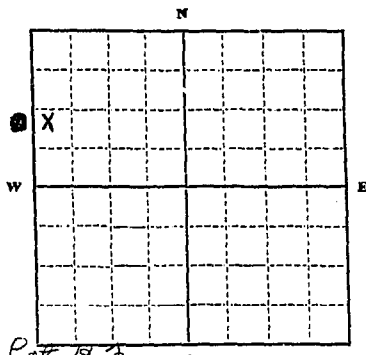
Date well started Oct. 3, 1967 Date Completed October 5, 1967

Type of well drilled Equipment Used drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 7/8"	15 lb per ft.	4 ft.	34 ft.	none		



Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom 34 feet

Static Water Level for non-flowing Well 5 1/2 feet
Shut-in Pressure for Flowing Well not flowing
Pumping Water Level 8 1/2 feet at 16 gal. per minute.
Discharge in gal. per min. of flowing well 16 gal per minute
How Tested by bailer Length of Test 2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number #103
Driller's Signature Robert W. Hudson

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

44,164

R1109

184596

Well Report
Henry J. Leach
Go Ann R. Leach
to
The Public

STATE OF MONTANA } ss
County of Lake } *May*
Filed on the *22* day of *May*
A. D. 19*68* at *1:35* o'clock *P*. M.
ETHEL M. HARDING
County Clerk and Recorder
By *Eumer Cowman*
Deputy

RECEIVED
MAY 23 1962

26th-1962
County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Grace Sinn
Address Paul 1 Dayton
Date well started Apr 26 1962 GW 1
completed May 2 1962

For Administrator's Use
File R-1948, 203668
May 22, 1962 1:50 p.m.

Type of well Drilled
(Dug, driven, bored or drilled)

Equipment used Cham Drill
(Crum drill, rotary or other)

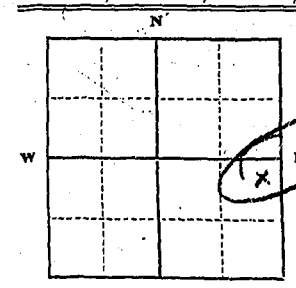
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

*Describe Single family residence

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Dotted Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>5/8</u>	<u>1 1/2</u>	<u>0</u>	<u>142</u>	<u>none</u>		



Static water level 54 ft.*
Pumping water level 42 ft.*
at 16 gallons per minute,
measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by Gravel
for 1 hours.
Power none Pump none HP
Remarks: (Gravel packing, cementing, packers, type of shut-off) none

NE 1/4 SE 1/4 Sec. 7
T. 26 N R. 19 W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Rob J. Bulson
Driller's Address Suan Lake Mont

LICENSE NO. 103

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
<u>0</u>	<u>85</u>	<u>clay and rock</u>
<u>86</u>	<u>104</u>	<u>Silt & clay</u>
<u>104</u>	<u>138</u>	<u>Clay & Rock (yellow)</u>
<u>138</u>	<u>142</u>	<u>Gravel & Sand</u>
		<u>Water</u>

192 Show exact depth of bottom

Duplicate

50,438

R-1348

#203668

WELL REPORT

GRACE A. LINN

TO

THE PUBLIC

STATE OF MONTANA }
County of Lake } ss

Filed on the 22 day of May

A. D. 1972 at 1:50 o'clock PM

ENEL A. HARDING
County Clerk and Recorder

By James B. Dent
Deputy

File No.

T. 19.26 R. 19

DUPLICATE

County LAKE COUNTY

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner Leonard Gumbala Address Bigfork, Montana

Driller Bob Hudson Address San Juan, Mont

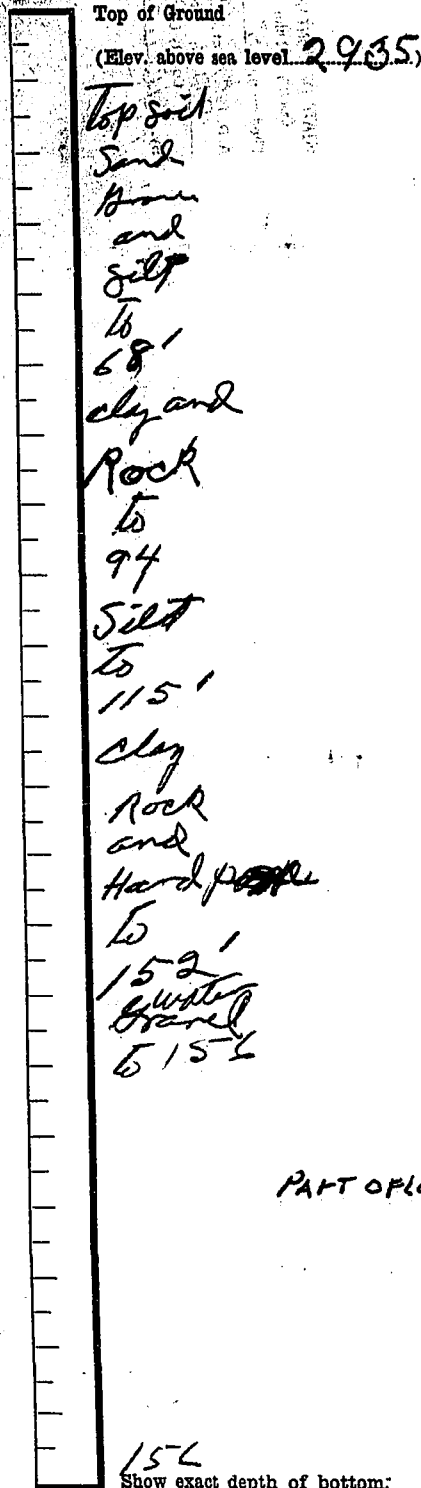
Date of Notice of appropriation of groundwater.....

Date well started 4-21-68 Date completed 4-28-68

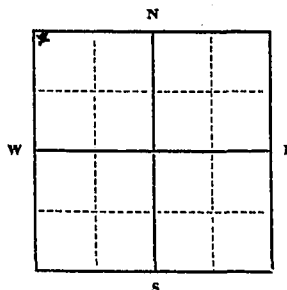
Type of well Drilled Equipment used Churn
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 5/8	6 3/4 OD 15 LB	0		none		



Static Water Level for non-flowing well 30 feet.
Shut-in Pressure for Flowing Well.....
Pumping Water Level 42 feet
at 16 gal per minute.
Discharge in gal. per min. of flowing well.....

How Tested Boiler
Length of Test 2 hrs
Remarks: (Gravel packing, cementing, packers, type of shutoff).....

PART OF PLOT 4 1/4 Sec. 3 T. 19. R. 26
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

154
Show exact depth of bottom:

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

103
Driller's License Number

Robert Hudson
Driller's Signature

R-3166

LEONARD GERBALA

190313

THE PUBLIC

STATE OF MONTANA
County of Lake

Filed on the 9 day of Sept

A. D. 1969 at 10:35 o'clock A. M.

ETHEL M. HARDING
County Clerk and Recorder

By Genevieve Bantz
Deputy

2:00

MONTANA WATER RESOURCES BOARD
RECEIVED
SEP 10 1969

Handwritten notes and signatures, including "KINDLY" and "190313".

Administrative routing and filing information, including dates and initials.

RECEIVED
AUG 13 1965

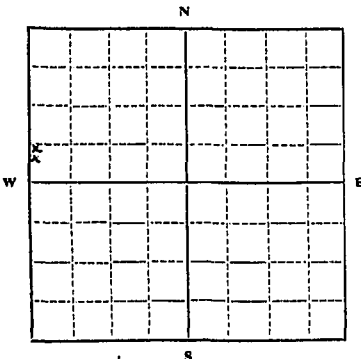
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Roy Lynn Higgins and Marjorie Jone Higgins, of Route 1 Bigfork,
(Name of Appropriator) (Address) (Town)

County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2 acre tract in
part SW 1/4 NW 1/4 Sec. 3 T. 26 N. R. 19 W

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based...
1. Household and garden use 2. water for guest cabin
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been...
1. May, 1946. Continuous use.
2. June, 1947. Summer use only.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)...
1. 8 gallons per minute.
2. 1 gallon per minute.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof...
1. irrigate garden, approximately one half acre. description same, owner same.
2. not used for irrigation.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...
1. Electric pump
2. Hand pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...
1. May 1946
2. June 1947

8. The depth of water table... 6 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater...
1. All cement constructed. 8'x8' at top, with 12" concrete curbing. Total depth 12'.
2. sandpoint driven approximately 9 feet.

10. The estimated amount of groundwater withdrawn each year...
1. 750,000 gallons 2. 1,000 gallons

11. The log of formations encountered in the drilling of each well if available... not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record...
None known number 2 well is 200' south of number 1 well.

Signature of Owner Roy Lynn Higgins
Marjorie Jone Higgins
Date September 11, 1965

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

Duplicate

39422

R-1004

171665

Shall Report
Ray Lynn Higgins &
Marjorie Lorne Higgins
to
The Public

STATE OF MONTANA } ss
County of Lake

Filed on the 11 day of August
A. D. 1965 at 12:50 o'clock PM

HAZEL KINNICK
County Clerk and Recorder

BY M. Smalls Deputy

\$ 2.00

File No.

T. 26 N 19 W

DUPLICATE

County Lake

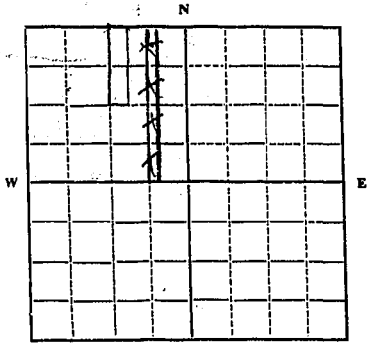
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 8 - 1963

Declaration of Vested Groundwater Right STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth and Mildred Hoyt, of Bigfork Mont.
(Name of Appropriator) (Address) (Town)
County of Lake State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/2 of NE 1/4 NW 1/4
1/4 Sec. 3, T. 26 R. 19

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household Yard Fire Protection Garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1934 to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200 Gal per hour

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Approx 1/2 acre

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater In fall 1934 fall 1934

8. The depth of water table 20 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater None

10. The estimated amount of groundwater withdrawn each year 70,500

11. The log of formations encountered in the drilling of each well if available Drum sand point

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Kenneth and Mildred Hoyt
Date June 10 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

R178

160279

Water Report
Kenneth & Mildred
Haupt

to
The Public

STATE OF MONTANA

County of Lake,

Filed on the 3 day of July

A. D. 1963 at 10:00 o'clock A. M.

HAZEL KINNICK

County Clerk and Recorder

By E. Cowman

Deputy

RECORDED
INDEXED
ENGINEER

GW.2

File No.

DUPLICATE

T. 26 R. 19

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 30 1962

**Notice of Completion of Groundwater
Appropriation by Means of Well ENGINEER**

(Under Chapter 237, Montana Session Laws, 1961)

L. L. RITZMILLER

Owner ~~.....~~ Address Fordish Mont

Driller Robert W. Hudson Address Box 181 Bigfork

Date of Notice of Appropriation of Groundwater

Date well started 7-10-61 Date Completed 9-10-62

Type of well Drilled Equipment Used Churn Drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Top of Ground
(Elev. above sea level 2440)
15' Gravel Surface with
16' silt and clay.

57' Hardpan gravel
and some water

57' clay

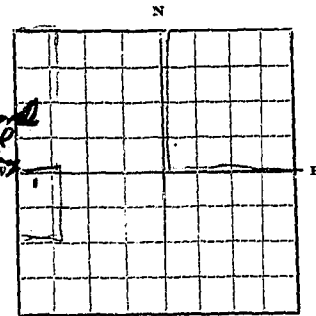
6'

146'

142' Gravel
and
142' clay

145'

Gravel and water
Show exact depth of bottom.
145'-11"



N.W. 5th Sec. 3 T. 26 R. 19

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>5 7/8"</u>	<u>6 7/8" OD 13 RR Iron 15 lb per ft</u>	<u>0</u>	<u>145'</u>			

Static Water Level for non-flowing Well 29' feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 70 feet at 18 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer Length of Test 1 1/2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

103
Driller's License Number

Robert W. Hudson
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

2333

R12m

15-7743

L. L. Kitzmiller
to
The Public

251
251
10

STATE OF MONTANA

County of Lake

Filed on the 29th day of Oct

A. D. 1962 at 3:30 o'clock P.M.

HAZEL KINNICK

County Clerk and Recorder

By E. Cowman
Deputy

200

Office of Recorder for County of Lake
Montana

File No.

T. 26 N. R. 19 E. S. 3

DUPLICATE

County Jake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 13 1965

Notice of Completion of Groundwater Appropriation by Means of a Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: KARL KITZMILLER Address: Box Four Mont.

Driller: Robt Hudson Address: Sum Lake Mont.

Date of Notice of Appropriation of Groundwater:

Date well started: 9-5-64 Date Completed: 9-7-64

Type of well: Drilled Equipment Used: Churn Drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Top of Ground (Elev. above sea level.....)

Soil 5'

HARD PAN CLAY 14'

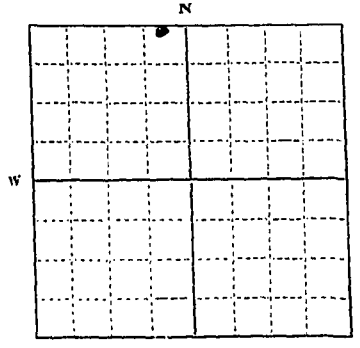
SILT 31'

CLAY 36'

DRILLED TO 57' (Hard Pan Clay)

36' Tract in lot 2

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in	6 5/8" OD 13# + 1		36			



N
W 54 ME 1/4 NW Sec. 3 T. 26 R. 19 E.
Indicate location of well and place of use, if possible. Each small square represents 10 acres.
36' Tract in lot 2
Show exact depth of bottom.

Static Water Level for non-flowing Well: 26 feet.

Shut-in Pressure for Flowing Well:

Pumping Water Level: 25 feet at 24 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Boiler Length of Test: 2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

103
Driller's License Number
Robt Hudson
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

R.987

170025

Water Appropriation

Karl Kitzmiller

To
The Public

STATE OF MONTANA } ss
County of Lake

Filed on the 9 day of April

A. D. 1965 at 2:15 o'clock P.M

HAZEL KINNICK,

County Clerk and Recorder

By Mae Johnson

Deputy

2.00

File No. _____

T. 26 N., R. 19 West

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

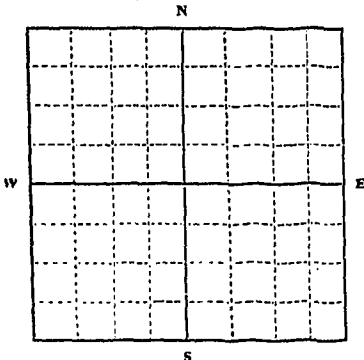
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. William Albrecht, of Bigfork
(Name of Appropriator) (Address) (Town)
County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 1 Sec. 4 T. 26 R. 19

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based is Farm and Household Use.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Since 1936 up to the present time.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) About 20 gallons per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 11 acres situated in the West half of the West Half and the East Half of the West Half of Lot 1, Section 4, Township 26 N., Range 19 W. Less .51 acres to State Highway
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. By Electric Pump - 1 well situated on the above described property.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started in 1936, completed in 1960

8. The depth of water table. 10 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 5 1/2 ft. x 5 1/2 ft. = 22 feet deep, six inch concrete walls.

10. The estimated amount of groundwater withdrawn each year. 2 to 3 million gallons

11. The log of formations encountered in the drilling of each well if available. None available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

Signature of Owner William Albrecht

Date Jan. 21, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24336

R835
163181

STATE OF MONTANA
County of Lake,
Filed on the 31 day of Dec
A. D. 1963 at 5:04 o'clock P
HAZEL KINNICK
County Clerk and Recorder
By C. Cowman
Deputy

26N-19W-4
County Silver Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOV 22 1971

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions: If not applicable, so state, otherwise the form may be returned.

Owner E. I. Meyer

Address Bigfork, Mont.

Date well started 10-18-71

completed 10 31

Type of well DRILLED
(Dug, driven, bored or drilled)

Equipment used CHAIN
(Chain drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

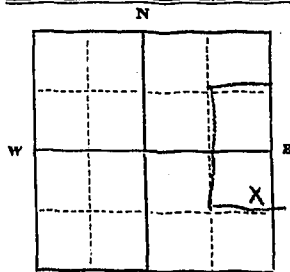
Industrial Drainage Other * Garden/Lawn

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>5 5/8</u>	<u>6 5/8 90</u> <u>219WHD</u>	<u>0</u>	<u>150</u>	<u>none</u>		



Static water level 34 ft.*
Pumping water level 96 ft.*
at 15 gallons per minute,
measured 10 minutes after pumping began.

*Measured from ground level.
Well developed by soaker
for 6 hours.

Power elec Pump 1/2 HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)

NE 1/4 SE 1/4 Sec 4
T. 26 N. R. 19 E

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Robert W. Hudson

Driller's Address Silver Lake Mont

LICENSE NO 103

Top of Ground (Elev. above sea level) 3000

From (Feet)	To (Feet)	Description
<u>0</u>	<u>16</u>	<u>Sandy silt some water</u>
<u>16</u>	<u>80</u>	<u>silt clay tan color</u>
<u>80</u>	<u>96</u>	<u>grey clay</u>
<u>96</u>	<u>105</u>	<u>brn bed in grey clay some water</u>
<u>105</u>	<u>140</u>	<u>hard pan bed some brn bed</u>
<u>140</u>	<u>150</u>	<u>brn and water</u>

150 Show exact depth of bottom

R- 1305

2-9-11-46
WELL REPORT

E. I. MEYER

TO:
THE PUBLIC

STATE OF MONTANA ss

County of Lake

Filed on the 19 day of Mar.

A. D. 1946 at 2:34 o'clock P. M.
ETHEL M. HANSON

County Clerk and Recorder
By *[Signature]*
Deputy

200

NOTICE TO THE PUBLIC
This report was filed for public inspection on the 19th day of March, 1946, at 2:34 o'clock P. M. at the County Clerk and Recorder's Office in the County of Lake, State of Montana. It is hereby made a part of the public record and is available for inspection by any person at any time.

0-11-1946

NOTICE TO THE PUBLIC
This report was filed for public inspection on the 19th day of March, 1946, at 2:34 o'clock P. M. at the County Clerk and Recorder's Office in the County of Lake, State of Montana. It is hereby made a part of the public record and is available for inspection by any person at any time.

STATE OF MONTANA
COUNTY OF LAKE
CLERK AND RECORDER

File No.

T. 26^N R. 19^W S. 4

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

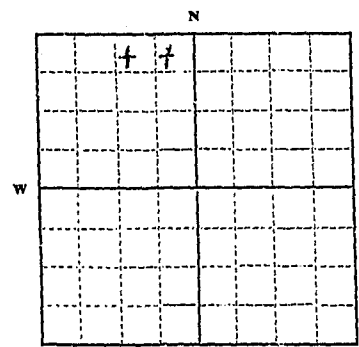
STATE ENGINEER
**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....
Owner Newton V. Reed Address Route 1 Bigfork Mont
Marianne E. Reed
Contractor (if any)

Address of Contractor

Date Started..... Date Completed.....



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. The Springs are already developed. The one shown on East 10 acres is for the purposes shown below. The one to West will be used to supply summer and winter business, Snack Bar, toilets and Sanitary.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. Family of 6

Lot 3 NE 1/4 Sec. 4 T. 26 R. 19
Indicate point of appropriation and place of use, if possible.

Modern house plumbing 2 hen houses 400 }
5 cow Tie-barn approximately 1 acre }
Landscaped grounds Orchard and veg }
gardens included }
Total

Signature of Owner Newton V. Reed
Marianne E. Reed
Date Dec. 31. 63

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

24382

P887
163260

STATE OF MONTANA
County of Lake,
Filed on the 2 day of Jan.
A. D. 1964 at 3:05 o'clock M
HAZEL KINNICK
County Clerk and Recorder
By 6 Cowman
Deput

File No.

QUADRUPPLICATE

AUG 18 1972

T. 26 N R. 19 W M.P.M.

County LAKE

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

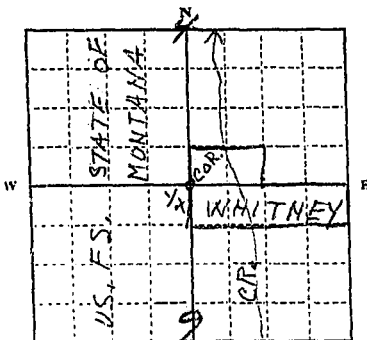
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 8-16-72
 Owner RALPH-M-WHITNEY 6519-LAKE-DR
ALICE-M-WHITNEY Address BREMERTON, WASH.

Contractor (if any).....

Address of Contractor.....

Date Started 8-16-72 Date Completed.....



1/4 Sec. 4 T. 26 N. R. 19 W

Indicate point of appropriation and place of use, if possible.

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) SPRING CARNEY-CREEK AND PUMP

2) Means of withdrawing water (gravity, pump, canal, etc.) GRAVITY-SPRING & PUMP

3) Depth of water table.....

4) Use of the water.....

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) 10 MINER'S-INCHES-PER MIN.

6) If used for irrigation, give number of acres and description of land 60 ACRES WHITNEY'S

7) Estimate amount of water used each year.....
10 MINER'S-INCHES-PER MIN.

Signature of Owner Ralph M. Whitney and/or Alice M. Whitney
 Date 8-16-72

Doc. No. R-1369, 205122
 Filed for record this 19th day of August
 A. D. 19 72, at 3:30
 o'clock P. M.

This form to be prepared by contractor (if any), otherwise by the owner.
 Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.
 Please answer all questions. If not applicable, so state, otherwise the form will be returned.

COUNTY OF COCONINO
 DEPARTMENT OF PUBLIC SAFETY
 COUNTY CLERK AND RECORDER
 DEPUTY
 1000 W. MAIN ST. PHOENIX, ARIZONA 85001
 PHONE: 254-2400
 FAX: 254-2400

A. D. 19 12 31 11
 COUNTY CLERK AND RECORDER
 DEPUTY

COUNTY OF COCONINO
 DEPARTMENT OF PUBLIC SAFETY
 COUNTY CLERK AND RECORDER
 DEPUTY

COUNTY OF COCONINO
 DEPARTMENT OF PUBLIC SAFETY
 COUNTY CLERK AND RECORDER
 DEPUTY

COUNTY OF COCONINO
 DEPARTMENT OF PUBLIC SAFETY
 COUNTY CLERK AND RECORDER
 DEPUTY

is completed?
 Number 3 of 4?
 Conroy Creek, wrong
 form & procedure.
 Wrong form?
 Check out. *VP*

P-1769

205177

WELL REPORT

RALPH M. & ALICE M. WHITNEY

TO

THE PUBLIC

STATE OF MONTANA }
County of Lake } ss

Filed on the 17 day of Aug.

A. D. 1912 at 3:30 o'clock P. M.

ETHEL M. HARDING
County Clerk and Recorder
By [Signature]
Deputy

WITNESSED BY ME, CLERK OF COUNTY, AT THE PLACE AND TIME ABOVE SAID.

NOTARIAL PUBLIC FOR MONTANA
STATE OF MONTANA
COUNTY OF MONTANA

COMMISSIONER

Completed
Number 3 of
Convey

File No.

T. 26 N. R. 19 W. M.P.M.

RECEIVED
QUADRUPLICATE

County. LAKE

AUG 18 1972

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 8-16-72
Owner RALPH M - WHITNEY Address 6519 LAKE DR
ALICE M - WHITNEY Address BREMERTON, WASH

Contractor (if any)

Address of Contractor

Date Started 8-16-72 Date Completed

1) Describe means of obtaining groundwater (as by sub-irrigation,
developed spring, drains, etc.) SPRING

AND PUMP

2) Means of withdrawing water (gravity, pump, canal, etc.)

GRAVITY AND PUMP

3) Depth of water table

4) Use of the water DOMESTIC & IRRIGATION

5) Amount of groundwater claimed (in miner's inches, or gallons
per minute) 10 MINER'S INCHES - PER - MIN.

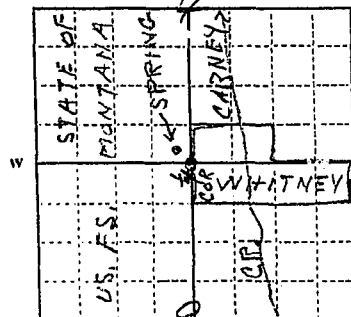
6) If used for irrigation, give number of acres and description of
land 60 ACRES WHITNEY'S

7) Estimate amount of water used each year

10 MINER'S - INCHES - PER - MIN.

Signature of Owner Ralph M. Whitney and
Alice M. Whitney

Date 8-16-72



SE 1/4 SE 1/4 SW 1/4 Sec. 4 T. 26 N. R. 19 W

Indicate point of appropriation
and place of use, if possible.

Doc. No. R-1370, 205178
Filed for record
this 19th day of August
A. D. 19 72, at 3:32
o'clock P.M.

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

1-F.

5/183

R-1370

205178

WELL REPORT

RALPH N. & ALICE M. WHITNEY

TO

THE PUBLIC

STATE OF MONTANA)
County of Lake ss

Filed on the 17 day of Aug.

A. D. 1912 at 3:32 o'clock P.M.

ETHEL M. HARDING
County Clerk and Recorder

By James Barron
Deputy

200

RECORDED
INDEXED
AUG 20 1912
CLERK OF DISTRICT COURT
LAW OFFICE
DEPT. OF REVENUE

RECORDS SECTION
DEPARTMENT OF REVENUE
STATE OF MONTANA

RECORDED

Department of Natural Resources and Conservation
 Water Resources Division
 Engineering Bureau
 Groundwater Section
 Sam W. Mitchell Building
 Helena, Montana 59601

Owner Ralph Whitney
 Address 6519 Lake Drive Bremerton, WA
 Location T. 26N R. 19W Sec. 4
 Doc. No. R-1370; 205178

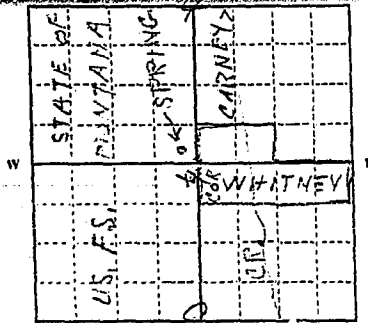
As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide, as indicated in red on the attached form, the date the spring development was completed; and the means or method used to develop the spring.

Thank you.

1) Describe means of obtaining groundwater (excluding irrigation)



SE 1/4 SE 1/4 SW 1/4 Sec. 4 T. 26N R. 19W

Indicate point of appropriation and place of use, if possible.

developed spring, drains, etc.) SPRING AND PUMP

How developed? Dug out and cleaned ditch for gravity flow of water.

2) Means of withdrawing water (gravity pump, canal, etc.) GRAVITY AND PUMP

3) Depth of water table.....

4) Use of the water DOMESTIC & IRRIGATION

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) 10 MINER'S INCHES - PER - MIN.

6) If used for irrigation, give number of acres and description of land 60 ACRES WHITNEY'S

7) Estimate amount of water used each year 10 MINER'S - INCHES - PER - MIN.

Signature of Owner Ralph M. Whitney and Alice M. Whitney
 Date 8-16-72

Doc. No. R-1370, 205178
 Filed for record this 19th day of August
 A. D. 19 72, at 3:32
 o'clock P.

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

File No. QUADRUPLICATE

T26 N. R. 19 W. M.P.M. County LAKE

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

RECEIVED

JAN 5 1973

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Date of Appropriation of Groundwater 8-16-72 RALPH M. WHITNEY 6519 LAKE DR Owner ALICE M. WHITNEY Address BREMERTON, WASH

Contractor (if any)

Address of Contractor

Date Started 8-16-72 Date Completed 8-22-72

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) SPRING AND PUMP

How developed? Dug out and cleaned ditch for gravity flow of water

2) Means of withdrawing water (gravity pump, canal, etc.) GRAVITY AND PUMP

3) Depth of water table

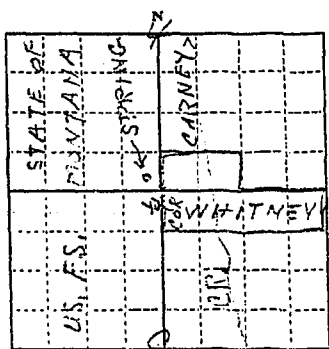
4) Use of the water DOMESTIC & IRRIGATION

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) 10 MINER'S INCHES-PER-MIN.

6) If used for irrigation, give number of acres and description of land 60 ACRES WHITNEYS

7) Estimate amount of water used each year 10 MINER'S-INCHES-PER-MIN.

Signature of Owner Ralph M. Whitney and Alice M. Whitney Date 8-16-72



SE 1/4 SW 1/4 Sec. 4 T26 N R 19 W

Indicate point of appropriation and place of use, if possible.

Doc. No. R-1370, 205178 Filed for record this 19th August A.D. 1972 at 3:32 o'clock P.M.

This form to be prepared by contractor (if any), otherwise by the owner. Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

1-F

5,183

RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—46805

File No. _____

T. 26N R. 19W

DUPLICATE

MINISTER OF NATURAL RESOURCES AND CONSERVATION

County LAKE

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: D. C. Magee Address: Big Fork Mont.

Driller: Robert W. Hudson Address: Scranville Mont.

Date of Notice of appropriation of groundwater: _____

Date well started: May 15, 68 Date completed: June 1, 68

Type of well: Drilled Equipment used: Churn
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

R-1505; 210558

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

June 29, 1973
11:33A - m.

Top of Ground
(Elev. above sea level 2000)

8' to 12' brandy clay
clay

46' clay
silt
sand

Gravel
Some water
to

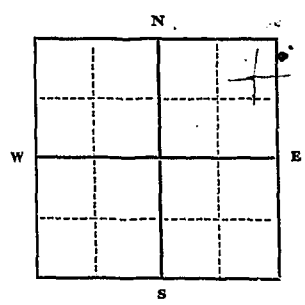
120' Rock
hard
to

140' Water
encountered
in silty clay
to

150' Brandy and water
to

152' Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 3/4	6 3/8 OD .188 wall	2	157			



Static Water Level for non-flowing well 27' feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level..... 9.4 feet
at..... 8 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... Pump

Length of Test..... 24 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff).....

N.E. Sec. 9 T. 26N R. 19W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

5-6 a

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

103
Driller's License Number

Robert W. Hudson
Driller's Signature.

54639

210558

R-1505

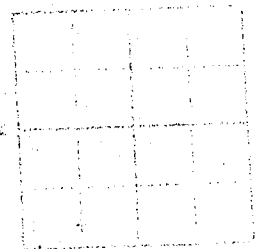
Well Report

D. G. Magee

to

The Public

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NE
SE
SW
NW

STATE OF MINNESOTA }
County of Lake }
Filed on the 29 day of June
A. D. 1973 at 11:33 o'clock A.M.
CLERK & RECORDER
County Clerk and Recorder
by Elaine E. Osburn
Deputy

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GW 2

File No.

DUPLICATE

Should be GWA

T 26 R 19

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1963

Notice of Completion of Groundwater Appropriation by Means of

(Under Chapter 237, Montana Session Laws, 1961)

Owner Russell L. Anderson Address Bigfork, Montana

Driller Robert Hudson Address Helenville, Montana

Date of Notice of Appropriation of Groundwater 11-7/61

Date well started Oct 25, 1961 Date Completed November 8, 1961

Type of well drilled Equipment Used drill
(dug, driven, bored or (Churn, drill, rotary or drilled) other)

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

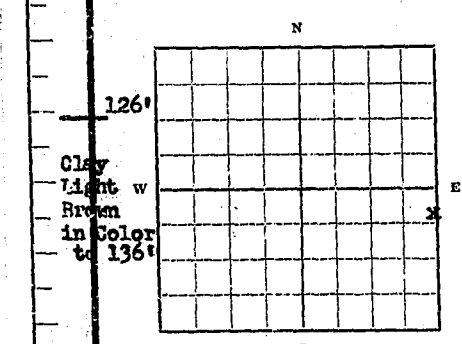
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Top of Ground est 3012
(Elev. above sea level.....)

Some water @ 35'

Surface gravel and clay to 126'

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 5/8	1 3/8 iron 6/5/8	0	14.0			



Static Water Level for non-flowing Well 14.0 feet.

Shut-in Pressure for Flowing Well none

Pumping Water Level 63' feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well ---

How Tested Bailer Length of Test 100 ft.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

NE 1/4 Sec. 10 T 26 R 19

Water bearing gravel to small square represents 10 acres. 14.0'

Show exact depth of bottom.

103
Driller's License Number

Robert W. Hudson
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

3202

238

158094
Water Report
Russell L. Anderson
to
The Public

STATE OF MONTANA
County of Lake
Filed on the _____ day of _____ M
A. D. 19____ at _____ o'clock _____ M
By HAZEL KINNICK Deputy
County Clerk and Recorder

STATE OF MONTANA
County of Lake
Filed on the 7 day of Jan
A. D. 1963 at 9:45 o'clock 9 M
By E. Cowman Deputy
County Clerk and Recorder

FILED	INDEXED	SERIALIZED	FILED

CLERK OF DISTRICT COURT
MONTANA
JAN 10 1963

File No.

T. 26N R. 19W

DUPLICATE

County

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

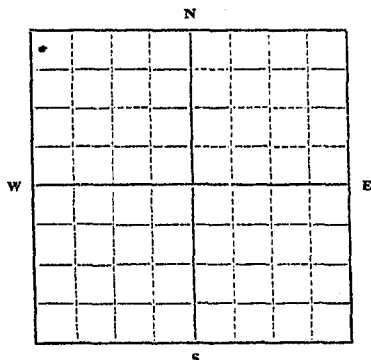
RECEIVED
 JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Glen A. Paulson, of Bigfork, Montana
 (Name of Appropriator) (Address) (Town)
 County of Lake State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/2 NW 1/4 NW 1/4 Sec. 10 T. 26 R. 19

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household, Irrigation and Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been April, 1934
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 gallons per hour
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lawn and garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April, 1934
8. The depth of water table 10 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Driven sandpoint
10. The estimated amount of groundwater withdrawn each year 150,000 gallons
11. The log of formations encountered in the drilling of each well if available gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not applicable

Signature of Owner Glen A. Paulson

Date Dec. 27, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

R 55#

162875

Water Report
Glen A. Paulson
to
The Public

STATE OF MONTANA
County of Lake,

Filed on the 30 day of Dec
1. D. 1963 at 8:39 o'clock A.M.

HAZEL KINNICK

County Clerk and Recorder

By M. Kraus Deputy

9.200

GW 2

File No.

DUPLICATE

RECEIVED

MAY 29 1962

T. 26 N. R. 19 W. Sec 11

STATE ENGINEER, County Lab, STATE OF MONTANA, Woody Sw. Lots 213, ADMINISTRATOR OF GROUNDWATER CODE, OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Ernest A. Johnson, Address Bigfork, Mont. Rt. 1

Driller Olsen & Justus, Address Col. Falls

Date of Notice of Appropriation of Groundwater none filed

Date well started March 15-62 Date Completed March 16-62

Type of well Drilled Equipment Used Churn drill

Water Use: Domestic [X] Municipal [] Stock [] Irrigation [] Industrial [] Drainage [] Other []

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

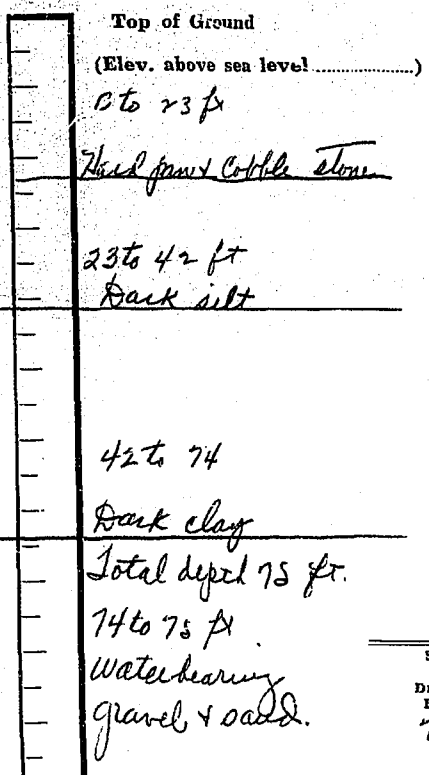
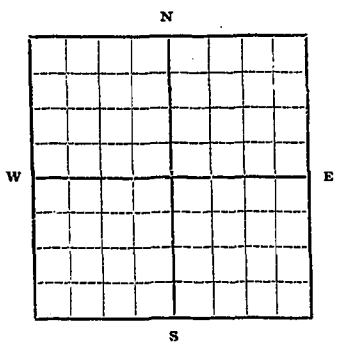


Table with columns: Size of Drilled Hole (7"), Size and Weight of Casing (7" 00, 23-lbs per ft.), From (Feet) (0), To (Feet) (75), PERFORATIONS (Kind Size, From (Feet), To (Feet)).



Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 24 feet. Shut-in Pressure for Flowing Well non-flowing. Pumping Water Level 36 feet at 15 gal. per minute. Discharge in gal. per min. of flowing well non-flowing. How Tested Bailers Length of Test 3 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number 55, Driller's Signature Olsen & Justus

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

OW 2

Well No. 16

Chg. # 1220-03-2409-02-05-1600

Approved Stock Form—State Publishing Co., Helena, Montana—41933

54' Rt. of Sta. 148+36

T. 26 N. R. 19 W. 12

File No.

DUPLICATE

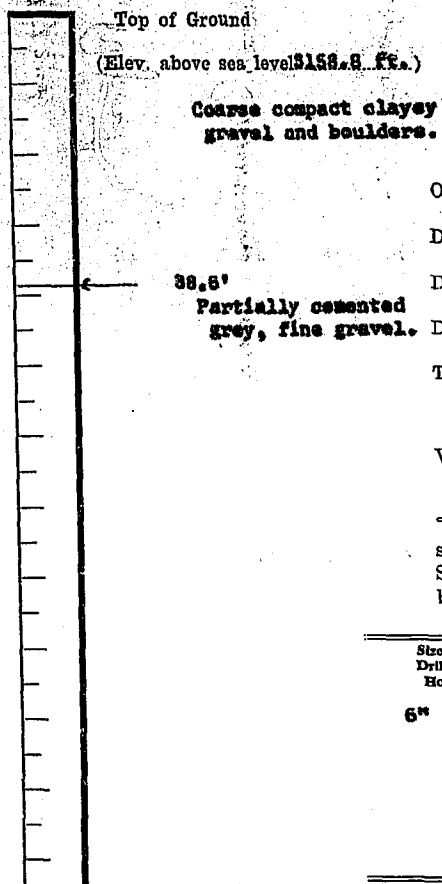
County: Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 18 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



Owner: Montana Highway Comm. Address: Helena, Montana
 Driller: Montana Highway Comm. Address: Helena, Montana
 Date of Notice of Appropriation of Groundwater: October 22, 1964
 Date well started: October 1, 1964 Date Completed: October 16, 1964
 Type of well: Drilled Equipment Used: Churn drill.
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)
 Water Use: Domestic Municipal Other Irrigation
 Industrial Drainage Stock

Highway Scale House Water Supply

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" ID	6" ID steel 19.88 lbs. per foot	0.0'	148.7'	None		

4 ft. stickup for Weigh Station construction fill, above existing ground line Elevation 3158.8'

Static Water Level for non-flowing Well: 107.0 feet.
 Shut-in Pressure for Flowing Well: -----
 Pumping Water Level: 118.4 feet at 30 g gal. per minute.
 Discharge in gal. per min. of flowing well: -----
 How Tested: Pumped Length of Test: 3 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation).....
 Water Analysis: pH 8.8
 Marble pH 8.8
 Phenolphthalein Alkalinity 6.8 ppm
 CO₂ None
 CaCO₃ 10 ppm
 Total Hardness 10 ppm

SE 1/4
 SW 1/4 Sec. 12 T. 26N R. 19W
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

None Required; State owned.

Driller's License Number

Driller's Signature: [Signature] **Engr.**

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

38665

B-969 167734

Water Report

Montana Hiway Commission
to
The Public

STATE OF MONTANA

County of Lake

Filed on the 16 day of November

A. D. 1964 at 8:45 o'clock A. M.

HAZEL KINNICK

County Clerk and Recorder

By Mae Johnson

Deputy

Free

File No.

MONTANA WATER RESOURCES BOARD
RECEIVED GW 2

NOV 25 1969

T. 26 N. R. 19 W. 12
County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level) 2980

**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Owner George J. Smith address Bigfork
Driller Homer McClarty address 945 1/2 St. N.

Date of Notice of Appropriation of Groundwater

Date well started July 7, 1969 Date Completed Aug 12/69

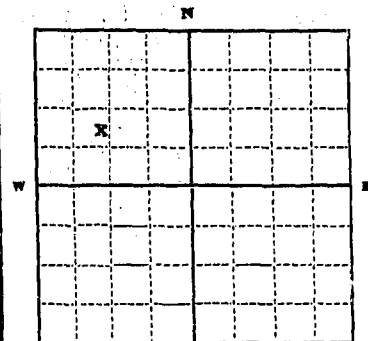
Type of well Drilled Equipment Used Reciprocating
(dug, driven, bored or (Churn, drill, rotary or other) 2 1/2" W.
drilled)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

1ft Top soil
Cobbles
14ft
Very gravel
68ft
Sandy clay
95ft
Gray hardpan
15ft
Hard pan
211ft
Brown Hardpan 7" O.D.
23ft
353ft
Course Water sand

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)



Tr E 1/2 of Hwy
SW 1/4 NW Sec. 12 T. 26 R. 19

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

358 ft.
Show exact depth of bottom.

Static Water Level for non-flowing Well 90 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 355 feet at 11 2/3 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer Length of Test 4 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

18
Driller's License Number
Homer McClarty
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

H5907