

File No. ....

T. 18 N. R. 20 W

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964  
STATE ENGINEER

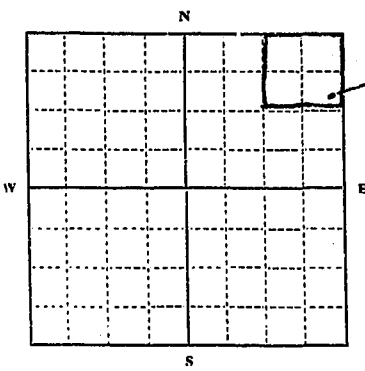
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lloyd and Lyla Smyth of St. Ignace 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:



1/4 Sec. 3 T. 18 R. 20  
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 Domestic
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Started using in 1946, has been used every ever since
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3/4 pipe out let
- 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 it is used for garden and lawns SW NE 1/4 3-18-20
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal With electric pump.

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 6/12/1946
- 8. The depth of water table 70 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 Well is 70 feet deep, water rises to within 2 feet of top, birch casing
- 10. The estimated amount of groundwater withdrawn each year 1,000,000 gals.
- 11. The log of formations encountered in the drilling of each well if available Clay, gravel, and rock
- 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 Book 2 Misc. pg 126

Signature of Owner Lloyd and Lyla Smyth  
Date 12/30/63

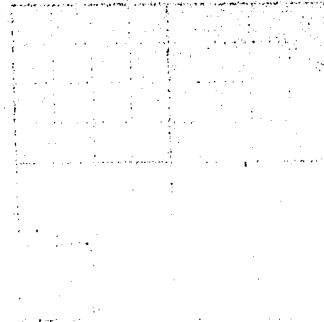
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.  
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

R 567

162888

Lloyd & Lila Smyth  
to  
The Public



STATE OF MONTANA  
County of Lake.

Filed on the 30 day Dec  
A. D. 1963 at 10:15 A.M.

HARVEY KINNICK

County Clerk and Recorder

*Cowman*

Deputy

200

27  
66

GW

10

File No. \_\_\_\_\_

T. 18 N R. 200

DUPLICATE

County LAKE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

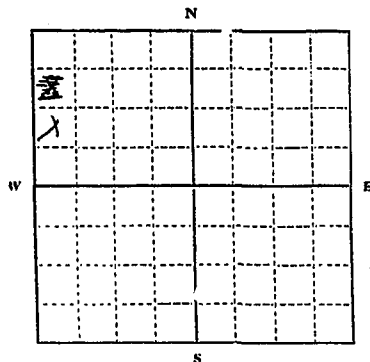
RECEIVED  
JAN 2 1964

STATE ENGINEER

1. Franklin D. Wiegand of St Ignace 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:



$W \frac{1}{2} N. \frac{1}{4}$  Sec. 10 T. 18 R. 20

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 domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been app. 1950 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 75 gal. p.m. 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 ac. garden around house

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1950

8. The depth of water table 6 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 6 in. casing app. 80' deep

10. The estimated amount of groundwater withdrawn each year 100,000 gal.

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

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 Franklin D. Wiegand

Date 12/30/63

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.

17418

R 611

162939

Water Report  
Franklin D. Weiferick  
to  
The Public

STATE OF MONTANA

County of Lake

Filed on the 30 day of Dec  
A. D. 1963 at 12:35 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By C. Cowan

Deputy

8200

JW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42262

File No. ....

T 18 R 20

DUPLICATE

County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

B  
JAN 29 1964

### Notice of Completion of Groundwater Appropriation Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater May, 1963

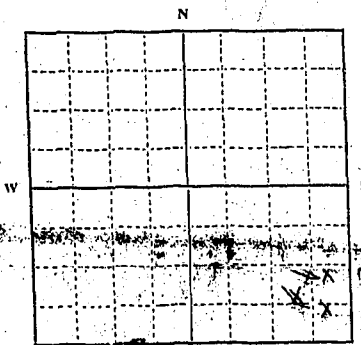
Owner AC & S Brooks Address St. Ignace, Mont

Contractor (if any) None

Address of Contractor .....

Date Started May, 1963 Date Completed May, 1963

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring (10) in a series; springs rise to surface of ground



NW 1/4  
NE 1/4 Sec. 11, T. 18 R. 20

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.....

4 acre feet; measured by series; continual flow

Signature of Owner

AC Brooks  
Katherine S. Brooks

Date January 1, 1964

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.

P-930 163969  
Water Report  
A.C. or Katherine Brook  
To  
The Public

STATE OF MONTANA  
County of Lake  
Filed on the 27 day of Jan  
A. D. 1964 at 2:36 o'clock P.M.  
HAZEL KINNICK  
County Clerk and Recorder  
By Mae Hansen Deputy

File No. ....

T 18 R 20

STATE WATER CONSERVATION BOARD  
DUPLICATE

County Lake

DEC 30 1965

STATE OF MONTANA

Billie \_\_\_\_\_ McDevitt \_\_\_\_\_  
Butzerin \_\_\_\_\_ McNulty \_\_\_\_\_  
Coyle \_\_\_\_\_ Morton \_\_\_\_\_  
Darlington \_\_\_\_\_ Sullivan \_\_\_\_\_  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

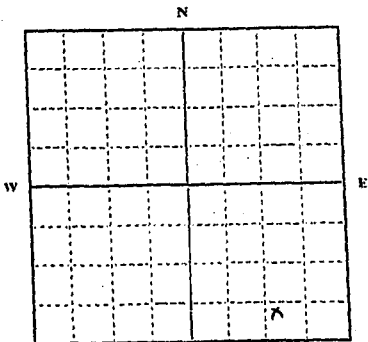
Date of Appropriation of Groundwater 1938  
Owner Charles A. Brooks Address St. Ignatius, Montana  
Wilma D. Brooks

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. natural springs provide constant flow for stock water and irrigation purposes.



SE SE<sup>4 5</sup> Sec 11 T 18 R 20

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 constant use for stock water and irrigation use during normal irrigation period; flow has not been measured; average estimated at 1000 gallons used daily.

Signature of Owner Charles A Brooks  
Wilma D Brooks

Date December 28, 1965

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.

R-1022

173681

Charles E. Kilmad  
Brooks  
to  
The Public

STATE OF MONTANA } ss  
County of Lake

Filed on the 28 day of Dec

A. D. 1965 at 2:45 o'clock PM

HAZEL KINNICK

County Clerk and Recorder

By Samuel Cowman

Deputy



EXISTING WATER CONSERVATION BOARD

T. 18 N. R. 20

DUPLICATE DEC 30 1965

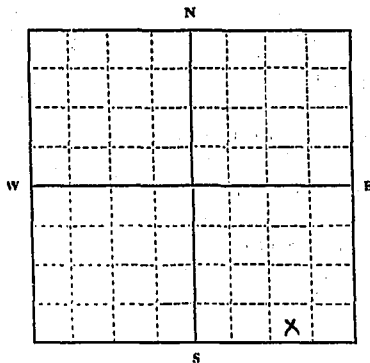
County Lake

Billie \_\_\_\_\_ McDermott \_\_\_\_\_ STATE OF MONTANA  
 Butcherin \_\_\_\_\_ McNulty \_\_\_\_\_ ADMINISTRATOR OF GROUNDWATER CODE  
 Co. Ia \_\_\_\_\_ Morton \_\_\_\_\_  
 Darlington \_\_\_\_\_ Sullivan \_\_\_\_\_ OFFICE OF STATE ENGINEER  
 Dickert \_\_\_\_\_

### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I Charles A. Brooks and Wilma D. Brooks, of St. Ignatius  
 (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:



SW 1/4 SE 1/4 Sec. 11 T. 18 R. 20

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 domestic and stock water use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1938 and continuous thereafter
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 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 by pump installed in well prior to the year 1938
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater prior to the year 1938
8. The depth of water table sixty 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 well sixty feet deep, drilled and cased with metal casing
10. The estimated amount of groundwater withdrawn each year 500 gallons per day, on the average, each day during the year
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 available

Signature of Owner Charles A. Brooks  
Wilma D. Brooks

Date December 28, 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.

40187

R-1025  
173684

Charles E. & Helma D.  
Brooks  
to  
The Public

STATE OF MONTANA } ss  
County of Lake  
Filed on the 28 day of Dec  
A. D. 1965 at 2:51 o'clock P M  
HAZEL KINNICK  
County Clerk and Recorder  
By Samuel Cowman  
Deputy

THIS INSTRUMENT IS NOT VALID UNLESS FILED IN THE PUBLIC RECORDS OFFICE OF THE COUNTY OF LAKE, MONTANA.

File No. \_\_\_\_\_

T 18 R 20

DUPLICATE

County \_\_\_\_\_

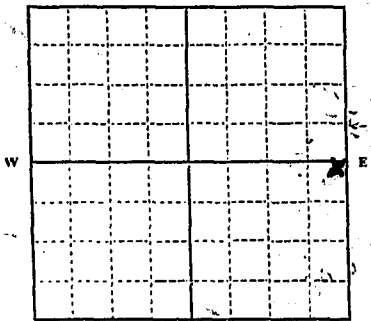
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

1. Katherine S. & A.C. Brooks, of St. Ignatius, 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:



7E 1/4 8E 1/4 8E 1/2  
7E 1/2 8E 1/2 8E 3/4  
1/4 Sec. 11 T. 18 R. 20

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. Water livestock, lawn, garden, household use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1929 and continuously thereafter
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 400 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. 3 acres - NE 1/4 8E 1/2 7E 1/2 8E 1/2 8E 3/4 - owner are Katherine S. and A.C. Brooks
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Water drawn by vacuum electric pump in 8E 1/4 8E 1/2 North 1/4

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1929
- 8. The depth of water table. 80 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. type - drilled  
dia. - 6 inch casing  
depth - 85 feet approx.  
withdrawn by electric pump
- 10. The estimated amount of groundwater withdrawn each year. approx. 3,000,000 gals. per year
- 11. The log of formations encountered in the drilling of each well if available. 1st 10 feet = dirt  
next 30 feet = gravel  
balance rock and sand
- 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. land is subject to a number of springs

Signature of Owner: Katherine S. Brooks  
A.C. Brooks  
Date: December 24, 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-473 16-2760

Water Report  
Katherine S. & A.C. Brooks  
to  
The Public

STATE OF MONTANA  
County of Lake,  
Filed on the 26 day of Dec  
A. D. 1963 at 3:30 o'clock P.  
K. H. H. H.  
County Clerk and Recorder

By \_\_\_\_\_ Deputy  
gjh

File No. \_\_\_\_\_

T. 18 N. R. 20

DUPLICATE

County LAKE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 30 1964

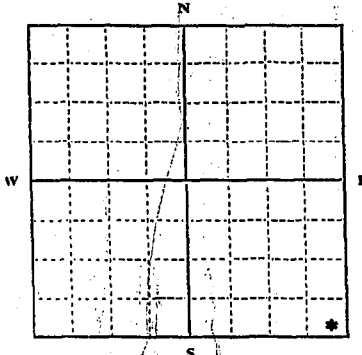
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER  
*Olson*

1. BRIGHAM R. & JOSEPHINE H. GREEN, of R.R. #1, ST. MARIUS, MT.  
(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:



SE 1/4, SE 1/4 Sec. 12, T. 18, R. 20

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  
*Domestic & stock water*

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. *1939 Drilled constant and continuous use as stock water*

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  
*Hand pump*

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

8. The depth of water table

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  
*6 inch casing, approximately 120 feet deep*

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

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

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 *B. R. Green*

Date *Dec 31, 63*

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.

24317

R816

163162  
Water Report  
Brigham R. Green  
to  
The Public

STATE OF MONTANA  
County of Lake, *Dec*  
Filed on the *31* day of *Dec*  
A. D. 1963 at *4:42* o'clock *P*M  
HAZEL KINNICK  
County Clerk and Recorder  
*H. Kinrick*  
Deputy

*200*



No.	Name	Address	City	State	County
1	JIM HACKNEY				
2					
3					
4					
5					
6					
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9					
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20					
21					
22					

**R- 1410**  
**R- #207584**  
**JIM HACKNEY**  
 TO  
**THE PUBLIC**  
**WELL REPORT**

THIS REPORT IS THE PROPERTY OF THE COUNTY CLERK OF LAKE COUNTY, MONTANA. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE COUNTY CLERK.

STATE OF MONTANA  
 COUNTY OF LAKE  
 I, ETHEL M. HARDING, County Clerk, do hereby certify that the foregoing is a true and correct copy of the original as it appears in the files of the County Clerk.

WITNESS MY HAND AND SEAL OF OFFICE this 19th day of June A. D. 1973 at Deer Lodge, Montana.

\_\_\_\_\_  
 DEPUTY COUNTY CLERK

STATE OF MONTANA  
 County of Lake  
 Filed on the 19th day of June  
 A. D. 1973 at Deer Lodge, M.

\_\_\_\_\_  
 ETHEL M. HARDING  
 County Clerk and Recorder  
 \_\_\_\_\_  
 Deputy

RECEIVED  
 BY MEMORANDUM ON FILE  
 DIVISION OF COUNTY RECORDS  
 JUL 10 1973



GW 2

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

File No. ....

T. 18 N R 20 W

DUPLICATE

MONTANA WATER RESOURCES BOARD  
**RECEIVED**  
SEP 25 1968

County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD



Top of Ground

(Elev. above sea level.....)

Top Soil

0

1'

1'

14'

14'

31'

31'

53'

Clay

Clay & Gravel

Water & Gravel

### 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 Burford Halsay Address S. T. Ignatius Mont

Driller John Farrell Address Alice Mont

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

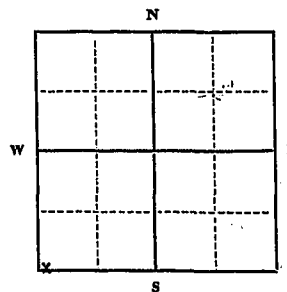
Date well started Sept 9 1968 Date completed Sept 12 1968

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

Water use: Trailer Court  
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") 18-97 #0		53'			



Static Water Level for non-flowing well ..... 28 feet.

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

Pumping Water Level..... 31 feet at..... 15 gal. per minute.

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

How Tested..... Pump

Length of Test..... 2 Hrs

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

SW 1/4 SW 1/4 Sec. 12 T. 18 R. 20

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).

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.

14  
Driller's License Number

John Farrell  
Driller's Signature

44,606

0

RECORDED

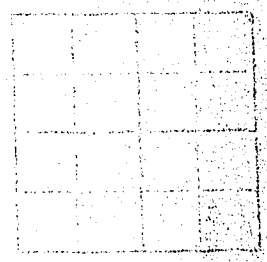
INDEXED

R-1126

186089

STATE OF MONTANA  
COUNTY OF LAKE  
FILED ON THE 23 DAY OF SEPT  
A. D. 1965 AT 12:00 O'CLOCK P. M.  
ETHEL M. HARDING  
COUNTY CLERK AND RECORDER  
BY MAE JOHNSON  
DEPUTY

STATE OF MONTANA }  
County of Lake } ss  
Filed on the 23 day of Sept  
A. D. 1965 at 12:00 o'clock P. M.  
ETHEL M. HARDING  
County Clerk and Recorder  
By MAE JOHNSON  
Deputy



NOTARY PUBLIC  
STATE OF MONTANA  
My Comm. Expires 12/31/65

File No. \_\_\_\_\_

T.A. 18<sup>W</sup> R. N. 20<sup>W</sup>

DUPLICATE

County Beauregard

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

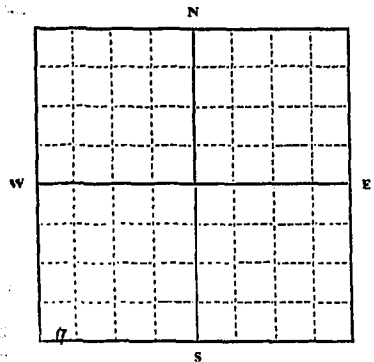
RECEIVED  
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Annie Cote of St Ignace  
(Name of Appropriator) (Address) (Town)  
County of Beauregard State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



E 1/2 S 1/4 13-18-20 Sec. T.A. R.N. 89-54 E

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 water supply
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Sept 15, 1925  
Continuous to 1962 and on
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 8 gal.
- 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. E 1/2 S.W. of Sec. 13-18-20  
nine tenth acre  
Annie Cote
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. by Pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Sept 1 to Sept 15 - 1925.
- 8. The depth of water table. 26 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. mining shaft and gal  
6 ft. diameter 45 ft deep
- 10. The estimated amount of groundwater withdrawn each year. Ninety thousand gal.
- 11. The log of formations encountered in the drilling of each well if available. hand dug  
gravel formation
- 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. Annie Cote

Date Dec 30 - 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-791

163137

STATE OF MONTANA

County of Lewis

Filed on the 31 day of Dec

A. D. 1963 at 3:30 clock P.M.

*Blair*

Clerk and Recorder

E

Dated

File No. ....

T. 18<sup>N</sup> R. 20<sup>W</sup> 13

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 10 1964

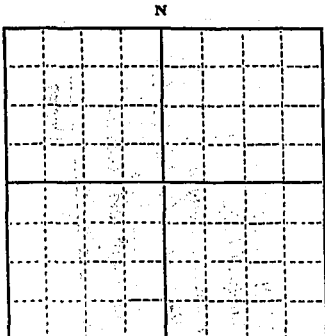
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. William and Christine Cote of Rt. 1 Box 9, St. Ignace, Mont.  
(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:



13-18-20  
E 1/4 SW 1/4 Sec. T. 18 N. R. 20 W. 51 E.

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  
water supply

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... Nov. 1, 1937 - continuously  
to 1963 and on.

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 3 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  
E 1/4 SW 1/4 SW 1/4 of Sec. 13-18-20  
William and Christine Cote

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... Sept. to November 1st, 1937

8. The depth of water table... 22' to 40' deep.

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... 6" diameter - 40' deep

10. The estimated amount of groundwater withdrawn each year... 75000 gallons

11. The log of formations encountered in the drilling of each well if available... gravel formation,  
hand-dug

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... No information

Signature of Owner William & Christine Cote  
Date Dec. 30, 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.

28969

R893

16 3229

CIVIL ENGINEER  
 COUNTY OF LAKE  
 DEPARTMENT OF REVENUE  
 STATE OF MONTANA  
 HAZEL KINNICK  
 COUNTY CLERK AND RECORDER  
 DEPUTY

STATE OF MONTANA  
 County of Lake,  
 Filed on the 6 day of Jan  
 A. D. 1964 at 9:04 o'clock AM  
HAZEL KINNICK  
 County Clerk and Recorder  
 By E. Cowman  
 Deputy

T. 18N R. 20W Sec 13

County Lake

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
MAY 2 1961

WATER WELL LOG

STATE ENGINEER


Owner Salma Detert Address ST. Ignace  
 Driller John Farrell Address Carlee  
 Date Started Feb 8th - 1961 Date Completed March 6th 1961  
 Location: Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ 1/4 sec. \_\_\_\_\_

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

Water use: Domestic  Municipal  Stock  Irrigation   
 Industrial  Drainage  Other: \_\_\_\_\_

Casing: 0 ft. to 190 ft. Type 19 LB Size 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static Water level, for non-flowing well: \_\_\_\_\_ 30 feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: March 8 1961 (date)

Pumping water level 180 feet at 12 gal. per min.

How tested: Bailer

Length of test 3 hrs

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	1	top soil
1	9	clay
9	173	clay Boulders
173	186	clay
186	190	fine gravel water
		shoot Boulder 155'

R 31 150094  
 STATE OF MONTANA  
 County of Lake  
 Filed on this 22 day of July  
 A. D. 1967  
 by  
 M. J. KENNEDY  
 State Engineer  
 (Seal) B. J. ... and Receiver  
 207



Helena Independent Record  
File No. ....  
DUPLICATE

T. 18<sup>N</sup> R. 20<sup>W</sup> 13  
County LAKE

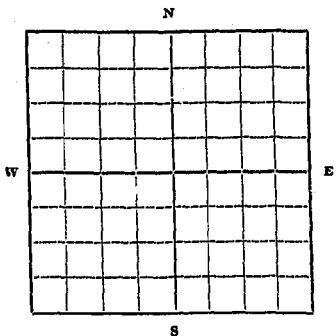
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 26 1963

Declaration of Vesting Groundwater Rights  
(Under Chapter 237, Montana Session Law, 1961)

STATE ENGINEER

1. FRANK A. ORAZILEE K. EYE, of ST. IGNATIUS (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:



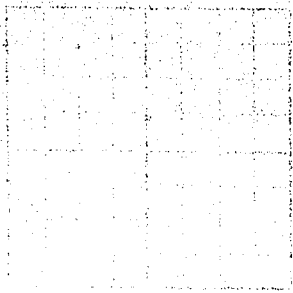
1/4 Sec. 13, T. 18, R. 20  
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- The beneficial use on which the claim is based ..... DOMESTIC LAWN GARDEN
- Date or approximate date of earliest beneficial use; and how continuous the use has been ..... 1961 DAILY 30 GAL. PER MIN.
- The amount of groundwater claimed (in miner's inches or gallons per minute) ..... 30 GAL. PER MIN.
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof ..... ONE ACRE FRANK EYE
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ..... PUMP ELECTRIC MOTOR
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater ..... 1961
- The depth of water table ..... 16 FT.
- 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 ..... DUG WELL 2 FT CEMENT CASING 16 FT DEEP
- The estimated amount of groundwater withdrawn each year ..... 72576.00
- The log of formations encountered in the drilling of each well if available ..... BLACK SILT 17.0 FT. CLAY 17.0 FT. GRAVEL 4 FT.
- 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 ..... UNKNOWN

Signature of Owner: Frank Eye  
Date: Dec 18 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-407 1162640  
Water Report  
Frank & Azile & Eye  
to  
The Public



STATE OF MONTANA

County of Lake

Filed on the 20 day of May

A. D. 1963 at 10:07 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By

E. Cowman

Deputy

200

RECORDED  
INDEXED  
MAY 21 1963  
COUNTY CLERK AND RECORDER  
LAKESIDE, MONTANA

File No. ....

T. 18<sup>N</sup> R. 20<sup>W</sup>  
 County LAKIE

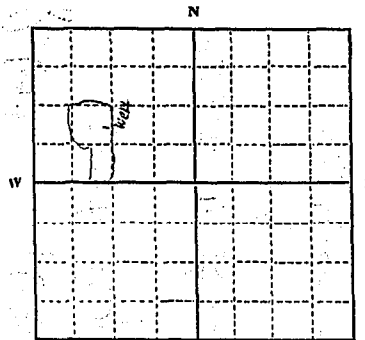
DUPLICATE

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. Walter H. Freshour, of St. Ignatius  
 (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:



A Fractional <sup>5</sup>Portion of 1/4  
 SE 1/4 NW 1/4 Sec. 13, T. 18N. R. 20W

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 House hold Dringled lawn & Garden & Livestock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Approximately 1940, & been in use since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 21 gal per min.
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 Irrigation of lawn & Garden approximately 3/10 tot an acre Walter Freshour owner
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Water Pump set over the well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Approximately 1940 & completed same year
8. The depth of water table Approximately 100' to 115'
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 I have one well, a drilled well 6" casing approximately 115' Deep
10. The estimated amount of groundwater withdrawn each year 10,000 gal year
11. The log of formations encountered in the drilling of each well if available Clay, Shale & Sand
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 Warranty Deed Recorded Polson Court House Book 54 Page 535

Signature of Owner Walter H. Freshour

Date Jan 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.

R-695 163036  
Water Report

Walter H. Freshwater et al.  
to  
The Public

RECEIVED  
DEPARTMENT OF WATER RESOURCES  
STATE ENGINEER  
RECEIVED

STATE OF MONTANA  
County of Lake  
Filed on the 31 day of Dec  
A. D. 1963 at 9:27 o'clock AM  
Sturmer  
County Clerk and Recorder  
By \_\_\_\_\_  
Deputy

GW 2

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

File No.

T 18 R 20 S 13

DUPLICATE

County LAKE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JUL 6 1965

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner CLARK A. GRIFFITHS Address ST IGNATIUS, MONT

Driller PHILIP R. LEWIS Address BOX 95, ST IGNATIUS MONT

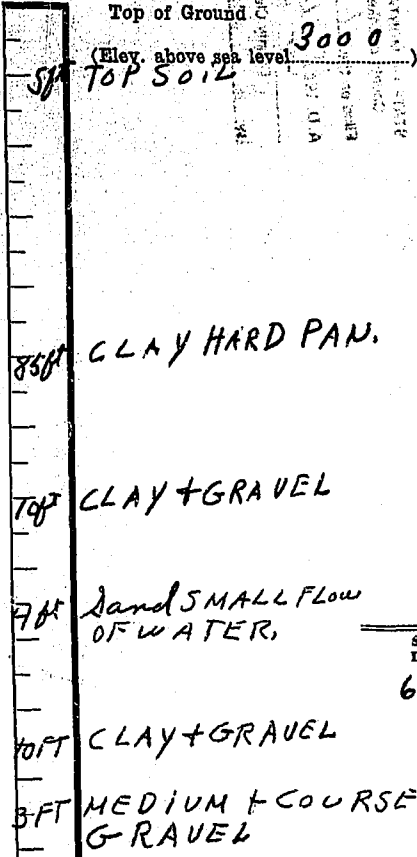
Date of Notice of Appropriation of Groundwater

Date well started JUNE 6, 64 Date Completed JULY 15, 64

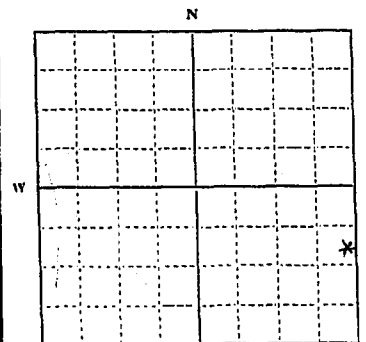
Type of well DRILLED Equipment Used CHURN  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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"	6" 19 lb.	TOP	BOTTOM	NONE	NONE	NONE



NE 1/4 Sec. 13 T. 18 R. 20  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

117 ft Show exact depth of bottom.

Static Water Level for non-flowing Well 40 feet.  
Shut-in Pressure for Flowing Well \_\_\_\_\_  
Pumping Water Level 45 feet at 50 gal. per minute.  
Discharge in gal. per min. of flowing well \_\_\_\_\_  
How Tested PUMP 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)

# 136  
Driller's License Number

Philip R. Lewis  
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.

39272

R1003

171166

Water Report  
Clarka Griffith

to  
The Public

STATE OF MONTANA  
County of Lake

ss

Filed on the 1 day of July  
A. D. 1965 at 1:30 o'clock P.M

HAZEL KINNICK

County Clerk and Recorder

by E. Cowman  
Deputy

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. \_\_\_\_\_

T. 18<sup>N</sup> R. 20<sup>W</sup>

DUPLICATE

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

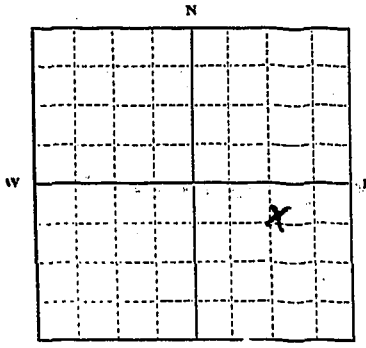
RECEIVED  
JAN 6 1964

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Clark A. Helms Duffiths of Bl. Synthesis  
(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:



Sec. 13 T. 18 R. 20

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 domestic livestock irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been prior to 1930 continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) Approx 2,000 gal per day
- 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 7 or 8 lawn of garden
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater prior to 1930
- 8. The depth of water table 30 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 aug 5' 60 ft
- 10. The estimated amount of groundwater withdrawn each year Approx 730000
- 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 Clark A. Helms Duffiths  
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.

R-137

163074

Clerk A. & Shelma

Griffiths

To

The Public

STATE OF MONTANA

County of Lake,

Filed on the 31 day of Dec

A. D. 1963 at 4:50 clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By M. Knauer Deputy

200



13

File No. ....

T 16th R 20 W

DUPLICATE

County Lake

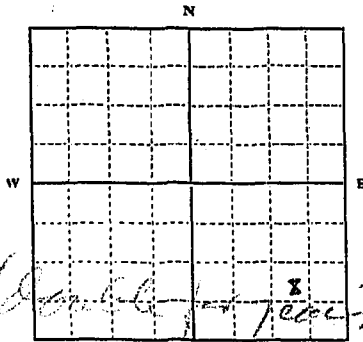
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

1. JESUIT FATHERS (per A. J. Ferretti, S. I.) of Box 200 St. Ignatius, Montana  
(Name of Appropriator) (Address)

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



1/4 Sec. T. R.

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.....

Irrigation (formerly also domestic)

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

about 1880 - used continuously purposes domestic and irrigation up to 1958 - only irrigation since then.

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

500 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.....

at about 15 acres

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

pump

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

approximately 1880

8. The depth of water table.....

25 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.....

8 ft. diameter and about 10 feet deep.

10. The estimated amount of groundwater withdrawn each year.....

72,000 gals from 1st April to 1st of September (approximate); less during October and November. Practically none from Dec. to March (Inc.)

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

and hand-dug gravel formation

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.....

JESUIT FATHERS  
ST. IGNATIUS MISSION  
ST. IGNATIUS, MONTANA

Signature of Owner

*Jesuit Fathers*  
*(per) A. J. Ferretti*

(per) REV. A. J. FERRETTI, S. I.

Date

12-30-63

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.

17459

File No. \_\_\_\_\_

DUPLICATE

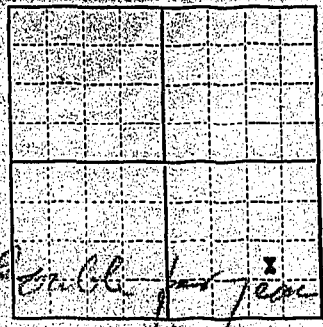
County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

JESUIT FATHERS (Name of Appropriator) of Sec. 10, T. 12N, R. 10E, Ignatius, Montana  
County of \_\_\_\_\_ State of \_\_\_\_\_  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.  
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- The beneficial use on which the claim is based: Irrigation formerly also domestic
- Date or approximate date of earliest beneficial use, and how continuous the use has been: about 1890 - used continuously purposes domestic and irrigation up to 1958 - only irrigation since then.
- The amount of groundwater claimed (in miner's inches or gallons per minute): 500 gallons per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: about 15 acres
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: well

- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: approximately 1890
- The depth of water table: 25 ft.
- 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: 6 ft. diameter and about 10 feet deep.
- The estimated amount of groundwater withdrawn each year: 72,000 gals from 1st April to 1st of September (approximate). Less during October and November. Practically none from Dec. to March (1960)
- The log of formations encountered in the drilling of each well if available: level formation and hard clay
- 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.

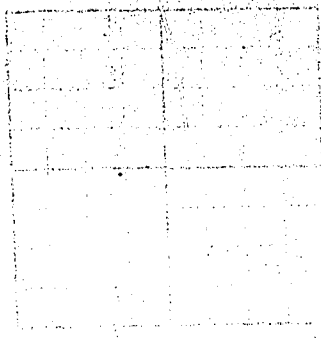
JESUIT FATHERS  
ST. IGNATIUS MISSION  
ST. IGNATIUS, MONTANA  
(per) REV. A. J. FERRETTI, S. J. Signature of Owner Jesuit Fathers  
Date 12-30-63

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.

RL 52

167989

State Report  
Jesuit Fathers  
vs  
The People



STATE OF MONTANA  
County of Lake  
Filed on the 30 day of Dec  
A. D. 1963 at 3:12 P.M.  
HAZEL KINNICK

County Clerk and Recorder  
L. Cowman

\$ 2.00

Done

RECEIVED

RECEIVED  
By Clerk of Court  
at 11:00 A.M. on Dec 30  
1963  
FILED

STATE OF MONTANA  
COUNTY OF LAKE  
RECORDED  
INDEXED  
DEC 30 1963  
CLERK OF COURT  
L. COWMAN

13

File No.

T. 18<sup>N</sup> R. 20<sup>W</sup>

DUPLICATE

County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

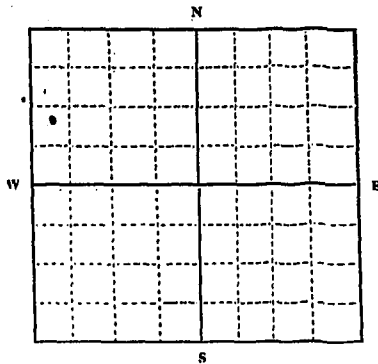
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Agnes E. King, of P. O. Box 272 St. Ignace  
(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:



NW 1/4 Sec. 13 T. 18 R. 20

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 Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1937 - continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 to 10 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  
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  
Deep well pump - well located in SWNW 1/4 Sec 13 Twp 18N., Range 20 West

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1937

8. The depth of water table 30-50 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 drilled well, 6" casing, 56 feet deep

10. The estimated amount of groundwater withdrawn each year 50,000 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 no known records

Signature of Owner Agnes E. King

Date 12/30/63

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.

24347

GW 100

Approved Stock Form—State Publishing Co., Helena, Montana—1224

File No. \_\_\_\_\_

T 18 R 20

DUPLICATE

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1962  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Agnes E. King  
(Name of Appropriator)

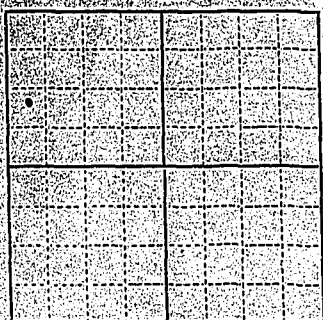
P.O. Box 272  
(Address)

St. Ignace  
(Town)

County of \_\_\_\_\_

State of Montana

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



NW 1/4 Sec 13 T 18 R 20

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 Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1937 - continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 to 10 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. 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. Deep well pump - well located in SW 1/4 Sec 13 Twp 18N., Range 20 West

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1937

8. The depth of water table. 30-56 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. drilled well, 6" casing, 56 feet deep

10. The estimated amount of groundwater withdrawn each year. 50,000 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. no known records

Signature of Owner Agnes E. King

Date 12/30/65

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.

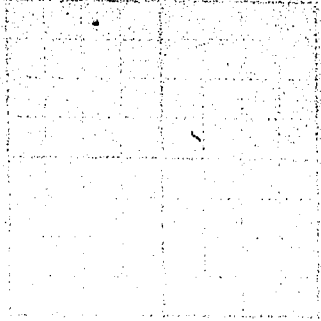
Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.

29347

11-847

163195

Agnes E. Ring



STATE OF MONTANA

County of Lake,

Filed on the 21 day of Dec

A. D. 1963 at 5:20 o'clock P.M.

HAZEL KINNICK

County Clerk and Recorder

M. Kraus

Deputy

200

GW2

File No. ....

T. 18N R. 20W Sec 13

DUPLICATE

County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEER

RECEIVED  
JUN 4 1962

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

(Under Chapter 237, Montana Session Laws, 1961)

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

0 to 1' top soil  
 1' to 19' Clay & gravel  
 19' to 21' Gravel & water ( 15 G.P.M.)  
 21' to 27' Clay & gravel  
 27' to 44' Green Powdery clay.  
 44' to 48' Clay & gravel  
 48' to 80' Yellow clay with some gravel  
 80' to 94' Clay & gravel  
 94' to 101' Clay  
 101' to 102' Clay, gravel  
 some water  
 102' to 113' Clay & gravel  
 113' to 139' Clay & some gravel  
 139' to 141' Sand & gravel with water.

Owner George Lee Address St. Ignatius, Mont

Driller Glenn Camp 705 Alder Address Missoula, Mont

Date of Notice of Appropriation of Groundwater .....

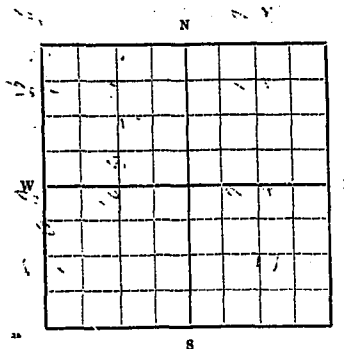
Date well started April 12, 1962 Date Completed April 19, 1962

Type of well Drilled Equipment Used Churn 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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	1' above top of					
6" I.D.	19 lb seamless	ground	to 141'			



Show exact depth of bottom.

Static Water Level for non-flowing Well 53 feet.

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

Pumping Water Level 100 feet at 20 gal. per minute.

80 feet at 10 G.P.M.  
Discharge in gal. per min. of flowing well .....

How Tested Compressor 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) .....

None

License # 7  
Driller's License Number

Glenn Camp  
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.

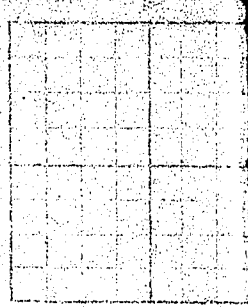
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

155268  
R- ab

Water Well Log  
George Lee  
to  
The Public

STATE OF MONTANA  
County of Lake  
Filed on the 31 day of May  
A. D. 1967  
Shel Krunk  
County Clerk and Recorder  
By  
Deputy

DEPARTMENT OF STATE ENGINEERS  
DIVISION OF SURVEYING AND MAPPING  
REGISTERED PROFESSIONAL ENGINEER



155268  
R- ab  
Water Well Log  
George Lee  
to  
The Public



File No. \_\_\_\_\_

T. 18 N. R. 20 W. 13

DUPLICATE

County LAKE

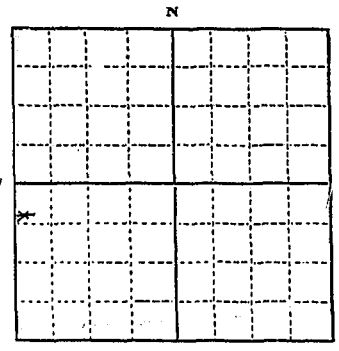
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 8 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Theresa & Moore, Delma Moore of H. Moore 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:



SW 1/4 Sec. 13 T. 18 R. 20

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

\* Lot 8 of Bk. 16 in Original Townsite of St. Ignace

- 2. The beneficial use on which the claim is based hotel and house plus yard and garden
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1937 and has been in use steadily ever since
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2.0 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 lawns, flowers, and garden
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1 horse motor pump located in back of the hotel

- 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 35'
- 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. The depth of the well is 44'. It has a six inch casing. It has never run dry.
- 10. The estimated amount of groundwater withdrawn each year 9,000,000 gallons per year
- 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. \_\_\_\_\_

Delma Moore & H Moore  
Signature of Owner

Date 1 JAN 8 1964

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; Triuplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

27028

R-894

163294


0

INDEXED

BY ESTATE OF  
 JOHN HARRISON W. COCHRAN  
 DECEASED  
 COUNTY CLERK AND RECORDER

THIS INSTRUMENT, BEING IN FULL PAYMENT OF THE  
 DEBT OF THE ESTATE OF JOHN HARRISON W. COCHRAN,  
 DECEASED, TO THE STATE OF MONTANA, IS HEREBY  
 FILED FOR RECORD.

STATE OF MONTANA  
 County of Lake  
 Filed on the 6 day of July  
 A. D. 1964 at 2:00 o'clock P.M.  
*Stewart*  
 County Clerk and Recorder

R

Debate

0

GW 2

File No. ....

AUG 12 1966

T. 19 NR 20W Sec 13

DUPLICATE

Bill: McDermott  
By: McNulty  
Co: Kerton  
Day: Sullivan  
Dict: .....

County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

to Top of Ground (Elev. above sea level 3000 ft.)  
2 ft top soil  
to  
18 ft. clay and gravel mixed  
to  
10 ft. gravel and small amount of surface water  
to  
32 ft. clay and gravel mixed  
to  
33 ft. water bearing sand with light flow of water.  
to  
39 ft. clay and gravel  
to  
39 1/2 ft. water bearing gravel with fair flow of water but it would bail down  
to  
46 1/2 ft. clay and gravel  
to  
48 ft. coarse water bearing gravel.  
48 feet bottom of well.

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Nate Pierce Address St. Ignatius, Mont.

Driller Philip R. Lewis Address St. Ignatius, Mont.

Date of Notice of Appropriation of Groundwater .....

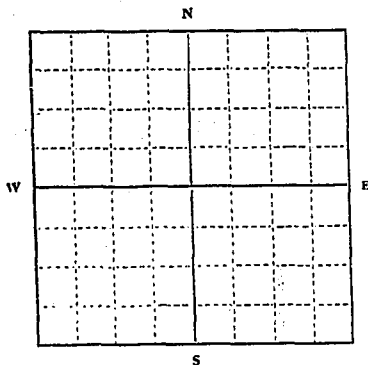
Date well started June 1, 1966 Date Completed June 15, 1966

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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 inch	6 inch 19 pound WELDED JOINTS WELD ON DRIVE SITE	top	48 feet	none	none	none



1/4 Sec. T. R.  
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 from top of ground feet.

Shut-in Pressure for Flowing Well none

Pumping Water Level 2 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well none

How Tested bailer 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)

100136  
Driller's License Number

Philip R Lewis  
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.

41299

DUPLICATE

City \_\_\_\_\_ State \_\_\_\_\_ County \_\_\_\_\_  
 Bill \_\_\_\_\_  
 Burd \_\_\_\_\_  
 Co. \_\_\_\_\_  
 DeWalt \_\_\_\_\_  
 Dicker \_\_\_\_\_  
 (Elev. above sea level \_\_\_\_\_ ft.)  
 State of Montana  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater Appropriation by Means of Well**  
 (Under Chapter 237, Montana Session Law, 1961)



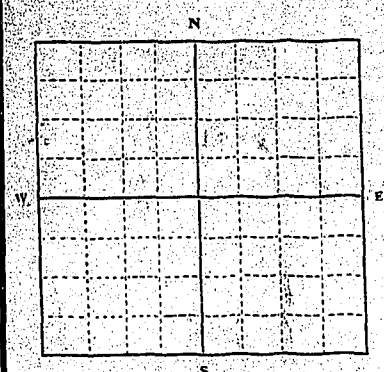
- 0 to 10 ft. Top of Ground
- 10 to 15 ft. Top Soil
- 15 to 18 ft. clay and gravel mixed
- 18 to 22 ft. gravel and small amount of surface water
- 22 to 28 ft. clay and gravel mixed
- 28 to 39 ft. water bearing sand with light flow of water
- 39 to 39 1/2 ft. clay and gravel
- 39 1/2 to 46 1/2 ft. water bearing gravel with fair flow of water but it would ball down
- 46 1/2 to 48 ft. clay and gravel
- 48 to 48 ft. coarse water bearing gravel
- 48 to 48 ft. set bottom of well.

Owner: Nate Pierce Address: St. Ignace, Mont.  
 Driller: Philip R. Lewis Address: St. Ignace, Mont.  
 Date of Notice of Appropriation of Groundwater: \_\_\_\_\_  
 Date well started: June 1, 1966 Date Completed: June 15, 1966  
 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.

Size of Drilled Hole	Size and Weight of Casing	From (feet)	To (feet)	PERFORATIONS		
				Kind Size	From (feet)	To (feet)
6 inch	8 inch 19 pound	top	48 feet	none	none	none

*WELDED JOINTS WELD ON DRIVE SITE*



1/4 Sec. T. R.  
 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: from top of ground feet  
 Shut-in Pressure for Flowing Well: none  
 Pumping Water Level: 8 feet at 30 gal. per minute  
 Discharge in gal. per min. of flowing well: none  
 How Tested: faller 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)

MO 136  
 Driller's License Number  
*Philip R. Lewis*  
 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-1041

176530

Wate Pierce  
The Public

STATE OF MONTANA } ss  
County of Lake }  
Filed on the 10 day of Aug  
A. D. 1966 at 1:25 o'clock P.M  
HAZEL KINNICK  
County Clerk and Recorder  
By Mae Johnson  
Deputy

# 2.00

FILED  
RECORDED  
INDEXED

RECORDED  
INDEXED  
FILED  
AUG 10 1966  
COUNTY CLERK'S OFFICE  
LAKESIDE, MONTANA

STATE WATER CONSERVATION BOARD

OW

OCT 5 1965

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. \_\_\_\_\_  
 Birtle \_\_\_\_\_  
 Butcher \_\_\_\_\_  
 Coyle \_\_\_\_\_  
 Darlington \_\_\_\_\_  
 Dickert \_\_\_\_\_  
 McDermott \_\_\_\_\_  
 McNulty \_\_\_\_\_  
 Morton \_\_\_\_\_  
 Sullivan \_\_\_\_\_

T. 18 R. 20  
 County Lake

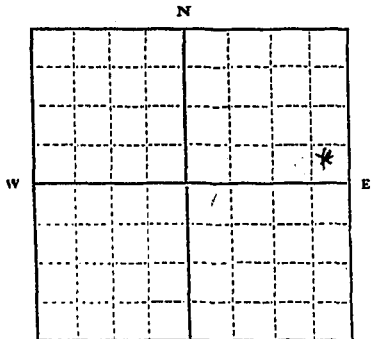
13

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Rose Smith of St. Ignace  
 (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:



Town of St Ignace  
 Pat NE 1/4 Sec. 14 T. 18 R. 20

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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
April, 1940  
Continuous
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  
1/2 acre  
Lawn & 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.  
Autumn, 1937
8. The depth of water table.....
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.  
Drilled well 60 ft deep
10. The estimated amount of groundwater withdrawn each year.....
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.  
Check to, interview in wells, recorded in Lake County Clerk's Records Office on 11/15/65 158297

Signature of Owner Rose Smith  
 Date Oct 1, 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.

39649 39667

R1009

172318

Well Report  
Rose J. Smith  
to  
The Public

STATE OF MONTANA } ss  
County of Lake

Filed on the 1 day of Oct

A. D. 1965 at 11:45 o'clock 9 M

HAZEL KINNICK

County Clerk and Recorder

by Janice Cowman  
Deputy

File No. ....

T. 187 R 20 W 14

DUPLICATE

County .....

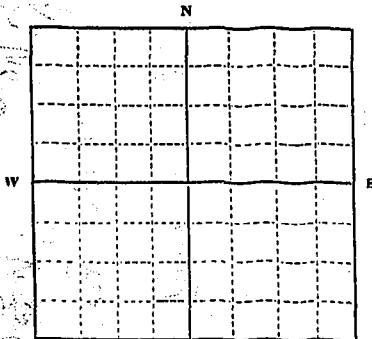
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1963  
STATE ENGINEER

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

1. Sisters of Charity of Providence of St. Ignace, 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:



NW 1/4 SW 1/4 NW 1/4 SE 1/4 14-18-20  
1/4 Sec. T. R.

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

- The beneficial use on which the claim is based. Irrigation & Emergency Supply if needed for hospital purposes
- Date or approximate date of earliest beneficial use; and how continuous the use has been. 1870 - Used continuously since.
- The amount of groundwater claimed (in miner's inches or gallons per minute) 500 Gallons Per Minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 5 Acres - Owned by Sisters of Charity, for Hospital Grounds
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric Pump - South central of S 40
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1870 - 1870
- The depth of water table. About 12 feet
- 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. Concrete Well - Approximately 30 feet deep 4ft. x 4 ft.
- The estimated amount of groundwater withdrawn each year. Approximately 100,000 Gallons
- The log of formations encountered in the drilling of each well if available. Not available - Dug well
- 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. HOLY FAMILY HOSPITAL, St. Ignace  
Date. 12-26-63

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.

19627



R-685

163072

Water Report

Sisters of Charity of  
Providence

To

The Public

STATE OF MONTANA  
 County of Lake,  
 Filed on the 30 day of Dec  
 A. D. 1963 at 5 o'clock P.  
Shinnick  
 County Clerk and Recorder  
 By \_\_\_\_\_  
 Deputy

File No. ....

T. 18N R 20W

DUPLICATE

County LAKE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

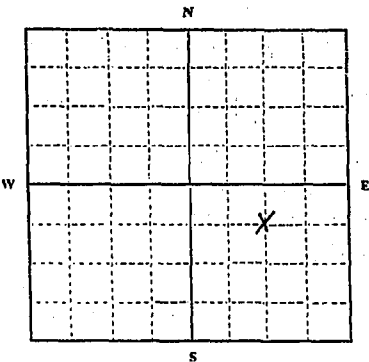
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Town of St. Ignatius, of \_\_\_\_\_, of \_\_\_\_\_  
(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<sup>2</sup>E<sup>1</sup>/<sub>4</sub> Sec. 14 T. 18N R. 20W

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 municipal water supply

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 31, 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 334 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 ten inch cased well and pump turbine

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 13, 1961, to July 31, 1961

8. The depth of water table 51 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 51 feet in ~~5~~ depth, ten inch metal cased, electric turbine

10. The estimated amount of groundwater withdrawn each year 12 million 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

Signature of Owner [Signature] Town, Clerk

Date December 20, 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-503

162994

Water Report

Town of St Ignace

to  
The Public

STATE OF MONTANA  
County of Lake,  
Filed on the 26 day of Dec  
A. D. 1963 at 3:30 o'clock P. M  
HAZEL KINNICK  
County Clerk and Recorder  
By M. Kraus  
Duel Deput

RECEIVED

AUG 8 1961

STATE ENGINEER

14

T. 18 N.

R. 20 W.

County

Lake

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner: Town of St. Ignatius Address: St. Ignatius, Mont.

Driller: John Farrell Address: St. Ignatius, Mont.

Date Started: July 13, 1961 Date Completed: July 31, 1961

Location: Sec 4 T. 18 N R. 20 W 1/4 sec. S84

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other: \_\_\_\_\_

Casing: 0 ft. to 51' ft. Type: 32 LB steel Size: 10"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type: \_\_\_\_\_ Size: \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type: \_\_\_\_\_ Size: \_\_\_\_\_

Perforated or Screened: Ft. 36' to ft. 50' Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations: slots 1/2" x 3"

Static Water level, for non-flowing well: \_\_\_\_\_ 11 feet.

Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level: \_\_\_\_\_ 34 feet at \_\_\_\_\_ 334 gal. per min.

How tested: Turbin pump horizontal discharge method

Length of test: \_\_\_\_\_ 1 1/2 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	10'	top soil
10'	22'	red clay and gravel
22'	26'	Water sand with a little gravel.
26'	36'	red clay and gravel
36'	51'	good gravel water

STATE OF MONTANA  
 County of Lake  
 Filed on the 15 day of Dec  
 A. D. 1941 at 11:20 clock a.m.  
 HAZEL KINNICK  
 County Clerk and Recorder  
 By Rolanda M. ...  
 Deputy

15/11/79  
 Water well log  
 Journal of H. Squatters  
 to  
 the Public

R 38

File No. STATE WATER CONSERVATION BOARD

T. 18 R. 20

DUPLICATE DEC 30 1965

County Lake

Bille \_\_\_\_\_ McDermott \_\_\_\_\_ STATE OF MONTANA  
 Butzarin \_\_\_\_\_ McNulty \_\_\_\_\_ ADMINISTRATOR OF GROUNDWATER CODE  
 Coyle \_\_\_\_\_ Morton \_\_\_\_\_  
 Dartinton \_\_\_\_\_ Sullivan \_\_\_\_\_ OFFICE OF STATE ENGINEER  
 Dickert \_\_\_\_\_

## Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

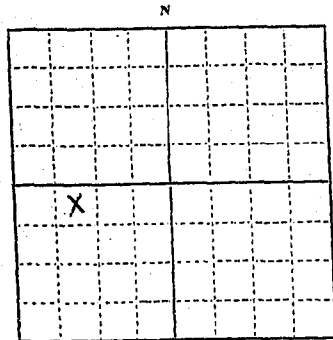
Date of Appropriation of Groundwater..... 1938  
 Charles A. Brooks  
 Owner..... Wilma D. Brooks Address..... St. Ignatius, Montana

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..... natural springs provide constant flow for stock water and irrigation purposes.



*NW 1/4 SW* Sec 21 T. 18 R. 20

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.....  
constant use for stock water, and irrigation use during normal irrigation period; flow has not been measured; average estimated at 1000 gallons used daily.

Signature of Owner..... *Charles A. Brooks*

Date..... December 28, 1965.

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.

R-1023

173682

Charles E. Helms &  
Brooks  
to  
The Public

STATE OF MONTANA }  
County of Lake } ss

Filed on the 28 day of Dec

A. D. 1945 at 2:47 o'clock P M

HAZEL KINNICK

County Clerk and Recorder

By Emile Cowman  
Deputy

File No. ....

T 18 R 20 W

DUPLICATE

County Lake

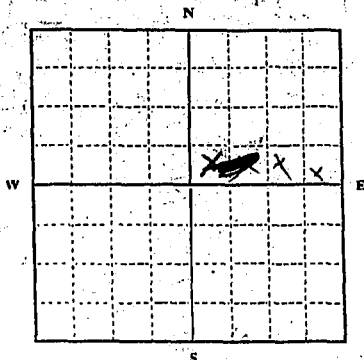
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1968

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

1. Fred M. Cordis and Gertrude Cordis of St. Ignatius  
(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. The beneficial use on which the claim is based.  
Well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.  
June 1959

4. The amount of groundwater claimed (in miner's inches or gallons per minute).  
25 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.  
no

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

NE 1/4 Sec 22 T18 R 20

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.  
June 1959

8. The depth of water table.  
340 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.  
size of casing 5", 340 feet

10. The estimated amount of groundwater withdrawn each year.  
30,000 gallons

11. The log of formations encountered in the drilling of each well if available.  
well driller probable has this information

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: Fred M. Cordis

Date: Dec 23, 1968

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-470 167757

Water Report  
Fred M. & Gertrude Cordis  
to  
The Public

STATE OF MONTANA

County of Lake,

Filed on the 26 day of Dec

A.D. 1933 at 2:30 o'clock P.M.

*[Signature]*  
County Clerk and Recorder

By \_\_\_\_\_ Deputy

*[Signature]*

RECORDED  
INDEXED  
JAN 10 1934  
COUNTY CLERK

RECEIVED

18N-20W 22  
County Lake

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

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 Max Harris  
Address S. T. Ignatius Mont  
Date well started Sept 8 1972  
completed Sept 11 1972

For Administrator's Use  
File R-1386 205830  
Sept 26, 1972 - 1:10 p.m.  
GW 1

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

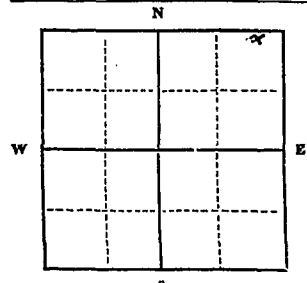
Equipment used X  
(Churn drill, rotary or other)

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)
6"	6" 17#	0	40			



Static water level 25 ft.\*  
Pumping water level 35 ft.\*  
at 30 gallons per minute,  
measured 60 minutes after pumping began.  
\*Measured from ground level.  
Well developed by well drill  
for 2 hours.  
Power          Pump          HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

NE 1/4 NE 1/4 Sec. 22  
T. 18 N R. 20 W

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

Driller's Signature John Farnell  
Driller's Address Am. Mont

LICENSE NO. 14

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.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	18	Brown Clay
18	30	Brown Clay & Gravel
30	40	Clay Gravel & Water B...

40 Show exact depth of bottom

51,466

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

Owner Earl Harde  
Address S. T. Ignatius Mont

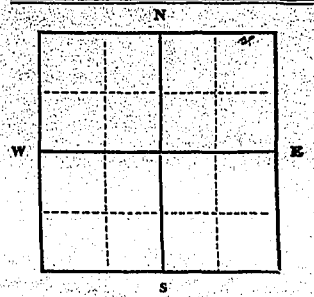
For Administrator's Use  
File # R-1386-205830  
Sept. 26, 1972 - 1:10 p.m.  
Date well started Sept. 8, 1972 GW 1  
completed Sept. 11, 1972

Type of well \_\_\_\_\_ X \_\_\_\_\_  
(Dug, driven, bored or drilled)  
Equipment used \_\_\_\_\_ X \_\_\_\_\_  
(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	From (Feet)	To (Feet)
6"	6" 17#	0	40			



Static water level ..... 25 ft.\*  
Pumping water level ..... 35 ft.\*  
at ..... 30 gallons per minute,  
measured ..... 60 minutes after pumping began.  
\*Measured from ground level.  
Well developed by ..... well drill  
for ..... 2 hours.  
Power ..... Pump ..... HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff) \_\_\_\_\_

NE 1/4 NE 1/4 Sec. 22  
T. 18 N. R. 20 W

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

Driller's Signature John Farnell  
Driller's Address Mont

LICENSE NO. 14 40 Show exact depth of bottom

51-4166

R- 1386

205830

Well Report

Max Harris

to

The Public

STATE OF MONTANA }  
County of Lake } ss

Filed on the 26 day of Sept  
A. D. 1926 at 1:10 o'clock P.M.

ETHEL W. HARDING  
County Clerk and Recorder

By Wilhelm Deputy  
200-

ANNUAL REPORT

FILED	INDEXED	SERIALIZED	FILED
SEP 27 1926	SEP 27 1926	SEP 27 1926	SEP 27 1926
RECORDS	RECORDS	RECORDS	RECORDS