STATE OF MONTANA

County of Lake

Filed on the 20th day of August, A.D. 1999, in the Office of the County Clerk and Recorder of Lake County, Montana.

Robert and Elizabeth Hinkle

To:

Ran 10099

[Signature]
DRILLING LOG

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

STATE OF MONTANA MONTANA WATER RESOURCES 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)

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.

George W. Murphy et al

Owner

Address 59929

Date well started 7/22/71 GW

Date well completed 7/22/71

Type of well Drilled

Equipment used Air Rotary (Drill, driven, bored or drilled)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe To irrigate approx. 20 acres

USE: If used for irrigation, industrial, drainage or other, explain. state number of acres and location or other data (i.e. Lot, Block, Sec. 29, Sec. 29, Sec. 29, and Addition). Rows. 25, Sec. 29.

ESTIMATED ANNUAL WITHDRAWAL: 59,420,000 gallons

Flowing 22 GPM free

Static water level 1156 ft.

Pumping water level 100 ft.

8750 gpm measured 60 minutes after pumping again.

Measured from ground level.

Well developed by Air Lift for 20 hours.

Powerlineal Pump 150 HP

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

ALL WATER ENTERING WELL THROUGH CRACKS AND SEAMS IN THE ROCK BELOW 300 FT. CONTINUED

MISSOULA, MONTANA LICENSE NO. 52

Driller's Signature 2500 Reserve Street

Driller's Address Missoula, Montana

COUNTY

Lake

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

LIBERTY DRILLING COMPANY

Driller's Signature

Driller's Address 2500 Reserve Street

Missoula, Montana

LICENSE NO. 52

Flowing water 22 GPM free flow over top of casing.
Note: Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 437, Montana Session Laws, 1961)

Name of Appropriator: D. W. Scott

County of Sale: Montana
State of Montana

I, D. W. Scott, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. Name of Appropriator: D. W. Scott

2. The beneficial use on which the claim is based: Farm

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1-1958

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1-1958

8. The depth of water table: Unknown

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:

   Cement Wall & Floor

10. The estimated amount of groundwater withdrawn each year: 50000

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:

   Reference to Book and Page of County Record

Signature of Owner:

Date:

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.
STATE OF MONTANA
County of Lake
Piled on the 31st day of August, 1943, at 10 o'clock A.M.

COUNTY CLERK AND RECORDER

R. 607
167997

Patent Report
List of Douglas W. Scott
The Public
### Notice of Completion of Groundwater Appropriation by Means of Well

(Effective Chapter 337, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Owner: C.B. Adams</th>
<th>Address: Proctor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller: frequency</td>
<td>Address: 745-8-9-1-6</td>
</tr>
</tbody>
</table>

**Date of Notice of Appropriation:** May 31, 1961

**Date Well Started:** May 31, 1961

**Date Completed:** June 23, 1961

- **Type of Well:** drilled
- **Equipment Used:** 2\(\frac{1}{4}\) augers (drill, rotary or other)

**Water Use:**
- Domestic
- Municipal
- Irrigation
- Stock
- 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>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cutting</th>
<th>From Ground Level</th>
<th>To (Feet)</th>
<th>Size (Feet)</th>
<th>For Each</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 to 130</td>
<td>14 to 16</td>
<td>17 to 20</td>
<td>328</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

- **Static Water Level for non-flowing Well:** 328 feet.

- **Shut-in Pressure for Flowing Well:** 100 feet.

- **Pumping Water Level:** 100 feet at 100 gal. per minute.

- **Discharge in gal., per min. of flowing well:** 100 gal., per min.

- **How Tested:** bucket

- **Length of Test:** 600 feet

- **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)

- ** acres well packing

### Driller's License Number

Driller's License Number: 18

Driller's Signature: [signature]

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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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

Richard and Marettta Learn
Proctor

(Name of Appropria tor) (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: Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1942

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 10 miner’s inches

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: Used for domestic use and livestock

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: July, 1942

8. The depth of water table: 12 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: 3 feet in diameter and 12 feet deep

10. The estimated amount of groundwater withdrawn each year: 

11. The log of formations encountered in the drilling of each well if available: soil, clay, 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:

Signature of Owner: Marettta Learn
Date: 3/3/1963

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 Appropria tor.
STATE OF MONTANA
County of Lake,

Filed on the 30 day of August
A. D. 1923, at 5 o'clock p.m.

HAZEL KINNICK
County Clerk and Recorder

By

Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. John Henry Murphy 
   (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: Domestic, stock and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 1945 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Initially 100 gal. per minute; casing eroded, present flow 10 gal. 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. Estimated 15 acres lying adjacent to well in approximately equal amounts in Sec 34, T. 28 N, R. 21 W, Sec 35, T. 28 N, R. 21 W, and Sec 36, T. 28 N, R. 21 W, owner J. Murphy (supplement)

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Artesian and pumping, Sec 34, T. 28 N, R. 21 W

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Begun drilling May 1945; well completed June 1945

8. The depth of water table: Surface to 150 ft. plus or minus

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 7" O. D. Casing, 150 ft. plus or minus

10. The estimated amount of groundwater withdrawn each year: 50 million gal.

11. The log of formations encountered in the drilling of each well if available: No strata log available, but formations encountered were clay, boulders, sand and 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

Signature of Owner: John Henry Murphy
Date: Aug 5, 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.
STATE OF MONTANA
County of Lake

Filed on the 7th day of August, A.D. 1943
By

FREAD R. MILLER
July 31st, 1943

DECEMBER 1907

As Public

DECLARATION OF VESTED GROUNDWATER RIGHTS

SUPPLEMENT

This indenture between John Henry Murphy 1st party
and 2nd party George W. Murphy, Phyllis Smith, Inez Rollins,
Corinne Powell and Dorothy Ponziovich, Sec. 32 T10N R21W;
Sec. 32 T10N R21W; Sec. 32 T20N R21W together with all water
rights appurtenant thereto and subject to all reservations
and restrictions containing in the patents to said premises,
and also, to a life estate in and to said realty in John
Henry Murphy the grantor herein, which life estate is
hereby reserved to said grantor.
DECLARATION OF VESTED GROUNDWATER RIGHTS

SUFFLENT

This Indenture between John Henry Murphy 1st party and 2nd party George W. Murphy, Phyllis Smith, Inez Rollins, Corinne Powell and Dorothy Pomajich, SE Sec. 39 T25N R21W; N 1/8 Sec. 32 T25N R21W together with all water rights appurtenant thereto and subject to all reservations and restrictions containing in the patents to said premises, and also to a life estate in and to said realty in John Henry Murphy the grantor herein, which life estate is hereby reserved to said grantor.
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 287 Montana Session Laws, 1961)

Date of Appropriation: 1925
Owner: Mitchell
Address: Creator, Mont.
Contractor (if any): 
Address of Contractor: 
Date Started: 1925, Date Completed: 1925
Method: 
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes" include depth to water when applicable:

Small hole and spigot with water piper, intercept stream.

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:

Flow is 100 gallons per month and used continuously.

Signature of Owner: 
Date: Aug 30, 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Jack M. Meuli, of Proctor
   (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:

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

   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:

   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:

   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:

   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 Jack M. Meuli
Date December 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Declaring Party

Charlotte H. Wilhelm
Elmo, Montana

County of Lake
State of Montana

I, as Appropriator, 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: House, Garden, and Livestock.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
   Sept. 1938 — used daily

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:
   Acres — NE 1/4 NE 33 T 25 R 31
   Owner — Charlotte H. Wilhelm

6. The means of withdrawing such water from the ground and the location of such well or other means of withdrawal:
   Deep well — electric pump — NE 1/4 NE 33 T 25 R 31

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   April 1938 started, completed well and installed deep well pump

8. The depth of water table:
   37 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:
   Deep well — 51/2 x 3 ft. rock drilling

10. The estimated amount of groundwater withdrawn each year:
    440,000 gal.

11. The log of formations encountered in the drilling of each well if available:
    18 ft. sand — 19 ft. dark 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:

Signature of Owner: Charlotte H. Wilhelm
Date: Dec. 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. 478  162766

Petite Report

From Charlotte Finklein

to

The Public

STATE OF MONTANA

County of Lake,

Filed on the 20th day of

A.D. 1906 at 6 o'clock P.M.


County Clerk and Recorder

Re:

Deed.
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1969
Owner: A.D. Proud
Address: Dayton, Mont.

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. These are natural springs.

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. These springs
are in the bottom of a small embankment which drive up a hill,
more than 2 ft. above the springs. For watering app.
so head of cattle.

Signature of Owner: A.D. Proud
Date: Sept. 30, 1969

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.
**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 Daryl Proulx of Dayton, Lake County, 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: Household

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: Apr. 1932 - Continues

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 gal 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: Jet Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Apr. 1932

8. The depth of water table: 85'

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 6" casing, 21" pipe, perforated 11" casing on bottom - 125' deep

10. The estimated amount of groundwater withdrawn each year: 126,000 gal

11. The location of formations encountered in the drilling of each well if available: Limestone

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: Roy Daryl Proulx

Date: Apr. 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF APPROPRIATION OF GROUNDWATER
(Under Chapter 237, Montana Session Laws, 1961, as amended)

After filing a notice of appropriation, in order to acquire a right based thereon, the person must, within ninety (90) days, commence actual excavation and diligently prosecute construction of a well and, upon its completion, file a notice of completion with the County Clerk of the county in which the appropriation is located.

Three copies of this notice are to be filed 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 may be returned.

1. Charles Hindin of Dayton
   (Name of Appropriator) (Address) (Town)

   County of Lake, State of Montana, intend to appropriate
groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is livestock use.

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 6 gallons per minute.

   The estimated amount of groundwater to be used annually 3,153,600 gallons.

4. The annual period (inclusive dates) of intended use Continuously.

5. The probable or intended date of first beneficial use 1962.

6. The probable or intended date of commencement and completion of the well or wells Completed in 1962.

7. The location, type, size and depth of well or wells contemplated Northeast Quarter of the Northwest Quarter of Section 38, Township 25 North, Range 21 West, M.P.M. 8 ft. square and 6 ft. deep, excavated and curbed spring.

8. The probable or estimated depth of the water-table or artesian aquifer Surface to 8 feet.

9. The name, address, and license number of the driller engaged (work done by appropriator)

10. Give such other similar information as may be useful in carrying out the policy of this act.

   This is a natural spring which has been developed by excavation and delivers water by 3/4-inch pipe line to one stock tank.

   For Administrator's Use
   File No. 207985
   2.13.1973 324 p.m.

Signature of Appropriator Charles Hindin Date Feb. 13, 1973

*As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressure or is artificially withdrawn.
STATE OF MONTANA
County of Lake
Filed on the 13th day of July,
A.D. 1973, in the 33rd Volume
COUNTY CLERK-HANDING
by William L. H. Coyle

(Handwritten text)

207985
Water Report

Charles Hudson

To The

Office
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: 2/13/73
Owner: Charles Huckins  Address: Dayton, Montana
Contractor (if any): (Appropriator)
Address of Contractor:
Date Started: 1962  Date Completed: 1962

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

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

3) Depth of water table: Surface to 8 feet

4) Use of the water:

5) Amount of groundwater claimed (in miner's inches, or gallons per minute): 6 gallons per minute

6) If used for irrigation, give number of acres and description of land:

7) Estimate amount of water used each year: 3,153,600 gallons

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.
207986

Water Report

Charles Hubbard

To The Public

STATE OF MONTANA

County of Lake

Filed on the 13th day of 1918 A.D. at 3:25 P.M.

County Clerk and Recorder

[Signature]

Deputy
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1927
Richard and
Owner: Maretta Learn
Address: Proctor, Montana
Contractor (if any): None
Address of Contractor:

Date Started: 1927
Date Completed: natural course

Describe means of obtaining groundwater without a well, as by
sub-irrigation and other natural processes. Include depth to
water when applicable. Small intake structure and
about 100 feet of 1 inch pipe and about 250
feet of 1 inch pipe to dwelling

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. Flow of
outlet is two gallons per minute, and is
used continuously

Signature of Owner: Maretta Learn
Date: Aug. 30, 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.
STATE OF MONTANA
Counties of Lake
Filed on the 20th day of August
A.D. 1915
0.45 o'clock M.
M. Kirisci
County Clerk and Recorder
By M. Kirisci
Deputy
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. D. E. Thomas, of , (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: Household use

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

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

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: 

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Oct 15, 1959

8. The depth of water table: 9'

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: 2,000,000 gal

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: D. E. Thomas
Date: 12-23-1963

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.
STATE OF MONTANA
County of Lake
Filed on the 26th day of Dec.
A.D. 1963 at 9:26 a.m., A.M.
HAZEL KINNICK
County Clerk and Recorder

162744

Ist Report
V. E. Thomas
to
The Public
STATE OF MONTANA
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: May 1, 1935
Owner: Leo Welsch
Address: Helena, Mont.

Contractor (if any): ___________________________
Address of Contractor: _________________________

Date Started: May 1, 1935
Date Completed: _______________________________

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

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.
Total output
Estimate to be stream 10 inches wide
and 2 inches deep,
used in dry summer months and
year round

Signature of Owner: Leo Welsch
Date: Aug 2, 1935

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 Apprroprator.
STATE OF MONTANA
County of Lake.
Filed on the 2nd day of 1943
A.D. 1943 9:30 a.m. M.
HAZEL KINNICK
County Clerk and Recorder
200

Water Report
Leah Wikle
to
The Public

R219
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Chapman, Kyle V</td>
<td>GW 3</td>
<td>179746</td>
<td></td>
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<td>9</td>
<td>Chapman, Kyle V, Eugenie</td>
<td>GW 2</td>
<td>199715</td>
<td></td>
</tr>
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<td>9</td>
<td>Waller, Norma L.</td>
<td>GW 4</td>
<td>172946</td>
<td></td>
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<td>16</td>
<td>Jacobs, Mike</td>
<td>GW 2</td>
<td>950</td>
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</tr>
<tr>
<td>19</td>
<td>Aronson, Dave &amp; Reta</td>
<td>GW 2</td>
<td>192052</td>
<td></td>
</tr>
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<td>19</td>
<td>Daley, Glen M.</td>
<td>GW 4</td>
<td>163104</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Ekman, Lynn H. &amp; Ritchie</td>
<td>GW 3</td>
<td>163256</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Weaver, Harris T. &amp; Maronne</td>
<td>GW 1</td>
<td>185077</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Warrington, Brian</td>
<td>GW 1</td>
<td>163000</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Homan, John F. &amp; Mary</td>
<td>GW 2</td>
<td>192837</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Flathead Methodist Camp</td>
<td>GW 2</td>
<td>193941</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Rigby, Willie B. &amp; Mariam</td>
<td>GW 3</td>
<td>162934</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Daley, Glen M.</td>
<td>GW 4</td>
<td>163105</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Daley, Glen M.</td>
<td>GW 2</td>
<td>210159</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Daley, Glen M.</td>
<td>GW 2</td>
<td>210161</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Daley, Glen M.</td>
<td>GW 2</td>
<td>1987 Well Log 134 308</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Garber, Charles E. &amp; Elina</td>
<td>GW 4</td>
<td>152939</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Greco, Larry</td>
<td>GW 4</td>
<td>159413</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Rogers, Charles &amp; Mamie</td>
<td>GW 3</td>
<td>203378</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Grice, Lawrence</td>
<td>GW 3</td>
<td>159412</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Jones, W. Paul</td>
<td>1961</td>
<td>153110</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Eager, Algie</td>
<td>1961</td>
<td>155165</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 5/10/67

Owner: J. L. V. Chapman
Address: Alder, Montana

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.

Cleaned out by digging a trench

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.

5,000 gallons per day

Indicate point of appropriation

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.

Signature of Owner: J. L. V. Chapman
Date: 5/18/67

Eugene M. A. Chapman

42,004
STATE OF MONTANA
County of Lake

Filed on the 18th day of May, 1900, at 3:15 P.M.

ETHEL M. HARDING
County Clerk and Recorder

$20.00

 Territory Report

Kyle V. & Eugenie M. Chapman

To the Public
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
MONTANA WATER RESOURCES 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)

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.

Kyle V. Chapman
Owner: Eugene A. Chapman

Address: 60, Box 291
Lakeview, Montana

Date well started: July 31, 1961
GW 1

completed: August 5, 1961

Type of well: Drilled

Equipment used: Air Rotary
(Chimney 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 Additional...to irrigate approx. 2 acres)

ESTIMATED ANNUAL WITHDRAWAL: 5,000 gallons

Pumping water level: 96 ft.*
Static water level: 12 ft.*

measured 1/20 minutes after pumping began.

*Measured from ground level.

Well developed by Air Lift Pump

Power: Diesel Pump... 150 HP
Remarks: Gravel packing, cementing, packers, type of shutoff...ill water
Entering well from cracks...
and seams in the rock below.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.

EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature: 

Driller's Address: 2500 Reserve

LICENSE NO. 52

Miles City, Montana

Top of Groundwater

25° 20' North

296'

Show exact depth of bottom

Water rises in well free flow over top

of casing.

49003
<table>
<thead>
<tr>
<th>Well Location</th>
<th>Depth (ft)</th>
<th>Water Level (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Can't.

Wells in this area can be depended upon to produce clear and free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 50 percent of the tested capacity of the aquifer.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Norma L. Waller, of Kalispell, Montana

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: All household and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: From April 1917 to the present date with continuous use.

4. The amount of groundwater claimed (in minor's inches or gallons per minute): 100 gal. per minute, during the summer months with only household balance of year.

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: A spring with concrete curbing on the shore, said Corp., Lot One and upon Lot 15 of unrecorded plat of SUBDIVISION LENDERMANN ESTATE.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: April 1917, date of commencement with completion of the present construction in about 1960.

8. The depth of water table: approximately ground level.

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: Depth of concrete curbing: approximately 5 feet with diameter of three feet. Spring flow out of a 2 inch pipe. Overflow not used into PLATHEAL LAKE.

10. The estimated amount of groundwater withdrawn each year: 2,500,000 gal. of water per year.

11. The log of formations encountered in the drilling of each well if available: water gravel full depth of 61 feet.

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: Norma L. Waller
Date: November 9th, 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.
STATE OF MONTANA

County of Lake

Filed on the 9 day of 1946
A. D. 1946 at 3 o'clock P.M.

HAZEL KINNICK

County Clerk and Recorder

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

File No. 

Date of Notice of Appropriation of Groundwater 

Date Well Started__Dec. 25, 1963__ Date Completed__Jan. 10, 1964__

Type of Well: _drilled___ Equipment Used: _214 Boomer___

(Churn, drill, rotary or other)

Water Use: _Domestic___ _Municipal___ _Other___ _Irrigation___

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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well

_Shut-in Pressure for Flowing Well_

_Pumping Water Level___ feet at__ 25__ gal. per minute.

_Disch rage in gal. per min. of flowing well_ __2.5__

_How Tested___ __Driller___ Length of Test__ __2.5__

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

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.

Driller's License Number

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.
<table>
<thead>
<tr>
<th>Formations Log</th>
<th>DEVELOPED</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE 1/4 SE 1/2 256.20</td>
<td>60/-65/-105 ft.</td>
</tr>
<tr>
<td>11 ft. below top of well</td>
<td>7 ft. into well</td>
</tr>
<tr>
<td>304 - 295 tan rock.</td>
<td>6 ft. into well</td>
</tr>
<tr>
<td>304 - 295 tan rock.</td>
<td>6 ft. into well</td>
</tr>
</tbody>
</table>

**Notice of Completion of Groundwater**

Appropriation by Means of Well

**Developed by:** Don Aronson

**County:** Lewis

**Date Filed:** 1/27/70

**Date Completed:** 1/27/70

**Date of Notice of Appropriation:** 1/27/70

**Date Completion:** 1/27/70

**Type of Well:** Drilled

**Owner:** Don Aronson

**Well Name:** Liberty Drills, Co., Liberty, Montana

**Equipment:** Three phase electric pump.

**Discharge in gpm:** 100

**Pumping Rate:** 50 gpm

**Discharge in gpm:** 100

**Groundwater Use:** Domestic

**Location:** 1 mile west of town

**Depth of Test:** 6 ft.

**Bottom of well:** 399 ft.

**Shut-in Pressure:** 25 psi

**Resultant Water Level:** 215 ft. above sea level

**Water rises in the well free flow over:**

<table>
<thead>
<tr>
<th>189 - 190 gravel and broken rock</th>
<th>6 ft. into well</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue and grey clay.</td>
<td>6 ft. into well</td>
</tr>
</tbody>
</table>

**Remarks:**

- Gravel packing, cementing, gravel used.
- Water rises in the well free flow over 189 - 190 gravel and broken rock and blue and grey clay.

**Date Notice of Appropriation:** 1/27/70

**Date Completion:** 1/27/70

**Date Completion:** 1/27/70

**County Clerk and Recorder in the county in which the well is located, tissue copy to be Driller's License Number.**

**Summary:**

- Water use: Domestic
- Depth: 399 ft.
- Discharge: 100 gpm
- Pumping: Three phase electric pump
- Location: 1 mile west of town
- Notice of Appropriation: 1/27/70
- Completion: 1/27/70
are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.
STATE OF MONTANA,

County of ____________________________

having first been duly sworn, depose and say, that the name of the applicant is ____________________________ of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name is ____________________________ whose name is subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice and that the matters and things therein stated are true.

______________________________
David Arpnoon

Subscribed and sworn to before me, this 5 day of March, 1970.

Notary Public for the State of Montana.

Residing at ____________________________

Montana

My Commission expires: 6-1-1970

are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.

DAVID & RETA ARBORN

THE PUBLIC

R-172
192659

Rec'd on 3-5-06 by Bank M.

County Clerk and Recorder

[Signature]
# 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: David and Beta Aromson  
Address: Rollins, Montana

Date of Notice of appropriation of groundwater: None filed  
Date well started: 1/22/70  
Date completed: 1/30/70

### Formations Log:

<table>
<thead>
<tr>
<th>Depth</th>
<th>Description</th>
<th>Other Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 1/2</td>
<td>Black topsoil, stuck clay.</td>
<td></td>
</tr>
<tr>
<td>1/2 - 6%</td>
<td>Boulders and tan clay.</td>
<td></td>
</tr>
<tr>
<td>6% - 12</td>
<td>Green boulder, mixed in tan clay.</td>
<td></td>
</tr>
<tr>
<td>12 - 79</td>
<td>Boulders mixed in tan clay.</td>
<td></td>
</tr>
<tr>
<td>79 - 179</td>
<td>Coarse gravel and cobblestones imbedded in tan clay.</td>
<td></td>
</tr>
<tr>
<td>179 - 189</td>
<td>Gravel mixed in blue and gray clay.</td>
<td></td>
</tr>
<tr>
<td>189 - 304</td>
<td>Gravel and broken rock imbedded in red to tan clay.</td>
<td></td>
</tr>
<tr>
<td>304 - 349</td>
<td>Tan rock.</td>
<td>Water rises in the well free flow over top of casing.</td>
</tr>
</tbody>
</table>

### Static Water Level for non-flowing well

Flowing: 7 lbs.  
Pumping Water Level: 215' at 42 GPM  
and 120' at 25 gal. per minute.  
Discharge in gal. per min. of flowing well: 6

How Tested: Air Lift Pump  
Length of Test: 2 hours

### 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.

### Diagram

![Well Diagram](#)

**Remarks:** (Gravel packing, cementing, packers, type of shutoff). All water entering well through cracks and seams in the rock below 325 feet. Wells in this area can be depended upon to produce clear sand free water year after year as long as they.

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.  
Bottom of well 349 ft.

Driller's License Number: [Signature]

Driller's Signature: [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, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Glen M. Daley

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:
   domestic use, stockwater and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been from 1916 until and since:
   irrigation

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

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 well and pump, as shown in plat at left

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater began and completed:
   about 1916

8. The depth of water table:
   about twenty 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:
   about 4 ft by 4 ft, by 50 to 60 ft deep

10. The estimated amount of groundwater withdrawn each year:
    about twenty-five miners inches

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
Glen M. Daley
Date: Dec. 31, 1962

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.

2420
STATE OF MONTANA
County of Lake.
Filed on the 21st day of April, 1950
A. D. 1950 at 2:30 o'clock P. M.
HAZEL KINNICK
County Clerk and Recorder
By: [Signature]
Deputy
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 287, Montana Session Laws, 1961)

Date of Appropriation of Groundwater: January 2, 1964

Owner: Milton L. Eisman
Address: Rolling

Contractor (if any): None
Address of Contractor: Not Applicable

Date Started: Jan. 2, 1964; Date Completed: Jan. 2, 1964

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring flow piped to stock water tank; 2" pipe.

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/approximately 6 gallons per minute natural flow, variable with season; continuous use for stock water.

Signature of Owner: Milton L. Eisman
Date: January 2, 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.
STATE OF MONTANA
County of Lake,
Filed on the 2 day of June,
A. D. 1964
Hazel Kinney
County Clerk and Recorder
By
Deputy
**Notice of Completion of Groundwater Appropriation by Means of Well**

**STATE OF MONTANA**

**MONTANA WATER RESOURCES BOARD**

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

**Date of Notice of appropriation of groundwater:**

10/1/69

**Date well started:**

3/6/69

**Date well completed:**

3/6/69

**Type of well:**

Drilled

**Equipment used:**

Air Rotary

**Water use:**

Domestic

**Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock, sand, etc., the 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 with free flow over top of casing.**

**Showing exact depth of bottom.**

**Bottom of well 159 ft.**

**Driller:** Liberty Drilling Co.

**Address:** Missoula, Montana

**Owner:** John F. and Harriette Hinesman

**Address:** Missoula, Montana

---

**Table:**

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 5/8 x 11/2</td>
<td></td>
<td>0</td>
<td>61</td>
</tr>
</tbody>
</table>

**Perforations:**

- Air Lift Pump
- Length of Test: 2 hours

**Remarks:**

- Gravel packing, cementing, packers, type of shutoff.
- All water entering well below 125 feet from cracks and seams in the rock. Wells in this area can be depended upon to produce clear sand free water year after year as long as they are maintained. (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).

**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.**

---

**Driller's Signature:**

[Signature]

**Driller's License Number:**

[Number]
not overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.
### Notice of Completion of Groundwater Appropriation by Means of Well

#### DEVELOPED AFTER JANUARY 1, 1962

---

**Top of Ground**

(Height above sea level 2900 ft.)

<table>
<thead>
<tr>
<th>Formation</th>
<th>Depth (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>22 Gray and green rock</td>
</tr>
<tr>
<td>3</td>
<td>34 Tan and green rock</td>
</tr>
<tr>
<td>47</td>
<td>51 Broken tan and green rock</td>
</tr>
<tr>
<td>51</td>
<td>13 Green rock</td>
</tr>
<tr>
<td>134</td>
<td>135 Tan, brown and green rock in alternate layers</td>
</tr>
<tr>
<td>135</td>
<td>158 Green rock</td>
</tr>
</tbody>
</table>

**Owner**

John F. and Mary J. Himman

**Driller**

Liberty Drilling Co.

**Address**

Pocatello, Montana

**Date of Notice of appropriation of groundwater**

None filed

**Date well started**

12/1/69

**Date completed**

12/2/69

**Type of well**

Drilled through

**Equipment used**

Air Rotary

**Water use**

Domestic [ ] Municipal [ ] Stock [ ] Irrigation [X] Industrial [ ] Drainage [ ] Other [ ]

---

**Formation Log**

- **0 - 3 Topsoil**
- **3 - 22 Gray and green rock**
- **34 - 47 Green rock**
- **47 - 51 Broken tan and green rock**
- **51 - 13 Green rock**
- **134 - 135 Tan, brown and green rock in alternate layers**
- **135 - 158 Green rock**

**Water**

12 GPM Artesian

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**Perforations**

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>6 5/8&quot; OD x 1/4&quot;</td>
<td>0</td>
<td>61</td>
<td>NONE</td>
</tr>
</tbody>
</table>

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**Static Water Level for non-flowing well**

40 feet

**Shut-in Pressure for Flowing Well**

6 lbs.

**Pumping Water Level**

49 feet

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

42 gal.

**How Tested**

Air Lift Pump

**Length of Test**

2 hours

**Remarks**

Gravel packing, cementing, packers, type of shut-off. All water entering well below 123 feet from cracks and seams in the rock. Wells in this area can be depended upon to produce clear sand free water year after year as long as they are....

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**USE**

- Irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

**Point Himman - Lot G, Lot 1 Section 28, T23N, R20W**

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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.
not overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CONSERVATION  
MONTANA WATER RESOURCES BOARD  
STATE PUBLISHING COMPANY  
WASHINGTON  
RECEIVED  
JUN 7, 1972  

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.  

Flathead Methodist Camp  
Owner:  
Rolins  
Address:  
Montana  
Date well started:  
3/21/72  
Date well completed:  
3/28/72  
Type of well:  
Air Rotary  
Equipment used:  
(Chains, drivers, bored or drilled)  
Water Use:  
Domestic  
Municipal  
Stock  
Irrigation  
Industrial  
Drainage  
Other  
Total 42 Acres  

EXHAUSTED  
22,075,200 gallons  

ESTIMATED ANNUAL WITHDRAWAL  
22,075,200 gallons  

Static water level  
1000 ft.  
Pumping water level  
230 ft.  
measured  
62 ft.  
minutes after pumping began.  
*Measured from ground level.  

Pumps  
87  
Power  
150 HP  
Diesel  
5 HP  

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  

Driller's Signature:  
William F. Delany  
Owner  
Driller's Address:  
Missoula, Montana  
LICENSE NO. 52  

900' Show exact depth of bottom  
Water rises in the well 62 feet from surface.
be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 60 to 70 percent of the tested capacity of the aquifer.
STATE OF MONTANA
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:

Owner:

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. Vade out opening and installed the pipes.

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

Used year around for home water, and about 6 months a year for irrigating garden and lawns.

Signature of Owner:

Date:

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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. (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: stockwater and irrigation

3. Date or approximate date of earliest beneficial use and how continuous the use has been: about 1900, and continuous since for stockwater and irrigation

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 30 miners inches

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: about 28 acres in SWNE 1/4, Sec. 30, T. 25 N., R. 20 W., owners Glen M. Daley and wife

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: by plugging and spreading ditches

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: well dug and completed about 1900, well has partially filled but has been used continuously for stockwater and irrigation, was fundamentally a spring which was dug out and improved

8. The depth of water table: water comes to surface of ground

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other work for the withdrawal of groundwater: well dug or spring about 40 x 20 ft., became partially filled and water has been withdrawn by ditches since.

10. The estimated amount of groundwater withdrawn each year: 30 Miners inches

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: Glen M. Daley
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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES 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)

This form to be prepared by driller and three copies to be filled
by 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: Allen M. Daley

Address: Rollins
Montana

Date well started: Oct. 7, 1957
Date well completed: Nov. 15, 1957

Type of well: Drilled
Equipment used: 21 W. Burridge, Inc.

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

<table>
<thead>
<tr>
<th>Run of Wells</th>
<th>Run and Section of Clerk</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Depth of Well (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 1/8</td>
<td>20</td>
<td>138 1/2</td>
<td>160 1/2</td>
<td>50 1/4 ft.*</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 50 1/4 ft.*
Pumping water level: 15 1/4 ft.

*Measured from ground level for 4 hours.

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

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.

Each small square represents 40 acres.

Driller's Signature: Hal G. Clark
Driller's Address: 935-85 Ave, Kalispell, Mont. LICENSE NO. 15

<table>
<thead>
<tr>
<th>County</th>
<th>Top of Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2900</td>
</tr>
</tbody>
</table>

RECEIVED
COUNTY OF

25N-20W-2

Revised 1969

COUNTY OF

State of Montana

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.

Cement Gravel

Rock

Water

260 ft.

Show exact depth of bottom

53,606