I certify that I examined and filed this
Government on this.
Date of Rec. 1-3-1918

J. D. O'Roar
County Attorney

A. G. Lewis
District Attorney
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: 1970
Trapper Peak Land and Livestock Company
Owner: Address: Darby, Montana

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: 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: 70 years

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

Signature of Owner: Date: Dec. 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 Approprior.
I certify that I received the said title

Instrument No. title

Dec. 28, 1956

F. R. Moore
Cashier Receiver

Shelby Keith
Deputy
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: 1940
Trader Peak Land and
Owner: Livestock Company, Address: Darby, Montana

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.

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. 20 Years.

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.
I certify that I received and paid for

1951
Dec. 63
21.50

F. H. Moore

On the

Thomas Keath
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1970

Trapper Peak Land and
Owner: Yellowstone Company. Address: Park, Montana.

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. 

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.

35 inch - Gates Measured

60 Years

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

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

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.

[Map of location with coordinates and points indicated]

Date: Dec. 30, 1970

Signature of Owner

 Luigi B. Scavone, Jr.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 287 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1900

Address: Darby, Mont.

Date Started: 1900 Date Completed:

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

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

In NE 1/4 Sec. 11 T. 2 R. 21 N, irrigate N 1/4 SW 1/4, NE 1/2 Sec. 12, S 1/4 NE 1/4, Sec. 12, and N 1/4 Sec. 11, all in T. 2 N, R. 21 W, M.P.

Signature of Owner:

Date: 12-26-63

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
I certify that I examined and filed this instrument on this 26th day of November, 1940, at 4:15 P.M.

[Signature]

[Deputy]
State of Montana
Administrator of Groundwater Code
Office of State Engineer

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

Lynn G. Christopherson  of  Darby, Mont.

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

1. Name of Appropriator
2. The beneficial use on which the claim is based  domestic, stock water, irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920 to
continuing
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 97.3 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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PUMP, 1/2 HP electric motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1920
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 200,000 gals.
11. The log of formations encountered in the drilling of each well if available clays or clayey soil
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 Lynn G. Christopherson
Date 12-24-63

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 School of Mines and Quadruplicate for the Appropriate.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: L.I. Taylor  Address: Hope, Mont.
Driller: Bill Anderson  Address: Leadville, Mont.
Date of Notice of Appropriation of Groundwater: Aug. 14, 1966
Date well started: July 7, 1966  Date Completed: July 13, 1966
Type of well: Drilled  Equipment Used: Churn Drill
Water Use: Domestic (X)  Municipal ( )  Stock ( )  Irrigation ( )
   Industrial ( )  Drainage ( )  Other ( )

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Press (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 in.</td>
<td>6 in.</td>
<td>0</td>
<td>35</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 10 feet.
Shut-in Pressure for flowing Well:...
Pumping Water Level: 13 feet at 10 gal. per minute.
Discharge in gal. per min. of flowing well:...
How Tested: Eoder
Length of Test:...
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)

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

File No. 821  STATE WATER CONSERVATION BOARD  R
DUPPLICATE

AUG 24 1966  Ravalli County

STATE OF MONTANA  OFFICE OF STATE ENGINEER
ADMINISTRATOR OF GROUNDWATER CODE
Notice of Completion of Groundwater Appropriation by Means of Well
(Opened by Chapter 237, Montana Session Laws, 1961)

Owner: L. E. Taylor  Address: Hope, Mont.
Driller: Bill Anderson  Address: Leadville, Mont.
Date of Notice of Appropriation of Groundwater: Aug. 14, 1966
Date well started: July 7, 1966  Date Completed: July 13, 1966
Type of well: Drilled  Equipment Used: Churn Drill
Water Use: Domestic (X)  Municipal ( )  Stock ( )  Irrigation ( )
   Industrial ( )  Drainage ( )  Other ( )

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Press (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 in.</td>
<td>6 in.</td>
<td>0</td>
<td>35</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 10 feet.
Shut-in Pressure for flowing Well:...
Pumping Water Level: 13 feet at 10 gal. per minute.
Discharge in gal. per min. of flowing well:...
How Tested: Eoder
Length of Test:...
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)

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

File No. 821  STATE WATER CONSERVATION BOARD  R
DUPPLICATE

AUG 24 1966  Ravalli County

STATE OF MONTANA  OFFICE OF STATE ENGINEER
ADMINISTRATOR OF GROUNDWATER CODE
Notice of Completion of Groundwater Appropriation by Means of Well
(Opened by Chapter 237, Montana Session Laws, 1961)

Owner: L. E. Taylor  Address: Hope, Mont.
Driller: Bill Anderson  Address: Leadville, Mont.
Date of Notice of Appropriation of Groundwater: Aug. 14, 1966
Date well started: July 7, 1966  Date Completed: July 13, 1966
Type of well: Drilled  Equipment Used: Churn Drill
Water Use: Domestic (X)  Municipal ( )  Stock ( )  Irrigation ( )
   Industrial ( )  Drainage ( )  Other ( )

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Press (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 in.</td>
<td>6 in.</td>
<td>0</td>
<td>35</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 10 feet.
Shut-in Pressure for flowing Well:...
Pumping Water Level: 13 feet at 10 gal. per minute.
Discharge in gal. per min. of flowing well:...
How Tested: Eoder
Length of Test:...
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)

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

File No. 821  STATE WATER CONSERVATION BOARD  R
DUPPLICATE

AUG 24 1966  Ravalli County

STATE OF MONTANA  OFFICE OF STATE ENGINEER
ADMINISTRATOR OF GROUNDWATER CODE
Notice of Completion of Groundwater Appropriation by Means of Well
(Opened by Chapter 237, Montana Session Laws, 1961)

Owner: L. E. Taylor  Address: Hope, Mont.
Driller: Bill Anderson  Address: Leadville, Mont.
Date of Notice of Appropriation of Groundwater: Aug. 14, 1966
Date well started: July 7, 1966  Date Completed: July 13, 1966
Type of well: Drilled  Equipment Used: Churn Drill
Water Use: Domestic (X)  Municipal ( )  Stock ( )  Irrigation ( )
   Industrial ( )  Drainage ( )  Other ( )

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Press (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 in.</td>
<td>6 in.</td>
<td>0</td>
<td>35</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 10 feet.
Shut-in Pressure for flowing Well:...
Pumping Water Level: 13 feet at 10 gal. per minute.
Discharge in gal. per min. of flowing well:...
How Tested: Eoder
Length of Test:...
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)

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

File No. 821  STATE WATER CONSERVATION BOARD  R
DUPPLICATE

AUG 24 1966  Ravalli County

STATE OF MONTANA  OFFICE OF STATE ENGINEER
ADMINISTRATOR OF GROUNDWATER CODE
Notice of Completion of Groundwater Appropriation by Means of Well
(Opened by Chapter 237, Montana Session Laws, 1961)

Owner: L. E. Taylor  Address: Hope, Mont.
Driller: Bill Anderson  Address: Leadville, Mont.
Date of Notice of Appropriation of Groundwater: Aug. 14, 1966
Date well started: July 7, 1966  Date Completed: July 13, 1966
Type of well: Drilled  Equipment Used: Churn Drill
Water Use: Domestic (X)  Municipal ( )  Stock ( )  Irrigation ( )
   Industrial ( )  Drainage ( )  Other ( )

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Press (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 in.</td>
<td>6 in.</td>
<td>0</td>
<td>35</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 10 feet.
Shut-in Pressure for flowing Well:...
Pumping Water Level: 13 feet at 10 gal. per minute.
Discharge in gal. per min. of flowing well:...
How Tested: Eoder
Length of Test:...
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)

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Leavens
Owner: Charles Leavens
Address: Darby, Montana

Kaval Drilling Co.
Address: Victor, Montana

Date of Notice of appropriation of groundwater: June 1, 1968.

Date well started: June 1, 1968.
Date completed: June 13, 1968.

Type of well: Drilled
Equipment used: Drill, drill, rotary or others.

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.

<table>
<thead>
<tr>
<th>Size of Slic and From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4 in. 38 ft. 48 ft.</td>
<td>5/16 in. 43 ft. 48 ft.</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
Shut-in Pressure for flowing well
Pumping Water Level 30 gal. per minute
Discharge in gal. per min. of flowing well

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

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

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.

Driller's License Number

Driller's Signature

File No.

County—BRAZIL

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

STATE WATER CONSERVATION BOARD

T. R.

62

O. F. Kaval

44,265
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: Charles Leavens
Address: S. of Darby, Mont.
Driller: Havalli Drilling Co.
Address: Victor, Montana

Date of Notice of appropriation of groundwater: June 13, 1968
Date well started: June 13, 1968
Date completed: June 19, 1968

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

<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>6&quot;</td>
<td>15 lb.</td>
<td>0</td>
<td>59</td>
<td>3/16x5</td>
</tr>
<tr>
<td>8 lb.</td>
<td></td>
<td>59</td>
<td>69</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
44 feet
Shut-in Pressure for flowing well
Pumping Water Level: 54 feet at 25 gal. per minute.
Discharge in gal. per min. of flowing well

How Tested: Bailed
Length of Test Area
Remarks: (Gravel packing, cementing, packers, type of cutoff)

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

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, together with the original copy to be retained by driller.

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

Driller's Signature: C. F. Wroble
Driller's License Number

62

44, 899
I certify that I received and filed this instrument on this 7th day of January, 1869, at 2:10 p.m.

Z. G. Moore
COUNTY RECORDER

Fee $2.00
DEPUTY
**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: Harry E. Williams  
ADDRESS: Ravalli, Montana

DRILLER: C. F. Wroble  
ADDRESS: Victor, Montana

**Date of Notice of appropriation of groundwater:** Oct. 21, 1968  
**Date completed:** Oct. 21, 1968

**Type of well Drilled:**  
**Equipment used:** Churn (Drill, driven, bored or drilled)  
**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.

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Material</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-15</td>
<td>Sand Gravel and Clay mixed</td>
<td>Brown in color</td>
</tr>
<tr>
<td>15-20</td>
<td>Sand Gravel and Boulders</td>
<td></td>
</tr>
<tr>
<td>20-55</td>
<td>Sand Gravel and Boulders, Water Bearing</td>
<td></td>
</tr>
<tr>
<td>55-60</td>
<td>Sand Gravel and Clay, Brown in color</td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well:** 43 feet

**Shut-in Pressure for Flowing Well:**

**Pumping Water Level:** 45 feet at 82 gal. per minute

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

**How Tested:** Bailed

**Length of Test:** 3 hrs.

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

---

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 License Number: C. F. Wroble

Driller's Signature: [Signature]

62

Driller's License Number

Date: [10/21/68]
County of Ravalli, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. **Name of Appropriator**: Clara Jordan

2. **Beneficial Use**: Irrigation

3. **Date of Earliest Beneficial Use**: July 1950

4. **Amount of Groundwater Claimed**: 1200 gallons per minute

5. **Irrigation Acreage**: Sec. 27, T. 14 N., R. 8 W., Ravalli County, Montana

6. **Means of Withdrawal**: Pump

7. **Date of Construction**: Commenced May 1950, completed July 1950

8. **Depth of Water Table**: 15 ft

9. **Well Specifications**: Type: Standard Well, Size: 15 ft, Depth: 15 ft

10. **Estimated Amount Withdrawn Each Year**: 5,870,870 gal

11. **Log of Formations**: Available

12. **Other Information**: Available

Signature of Owner: Clara Jordan

Date: Dec. 20, 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 School of Mines and Quadruplicate for the Appropriator.
I certify that I received and filed this instrument on this 26th day of Dec., 1963, at 8:12 o'clock A.M.

[Signature]

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

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

1. JESSE K. GLASS M. Part. of DARPY
   (Name of Appropriator)
   (Address) (Town)
   County of... State of... 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...
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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 8, 1964

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

1. JESS F. GLADYS M. HART, of DARIUS
(Name of Appropriator) (Address) (Town)
County of RAVALLI 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.
HOUSE USE
GARDEN-YARD-WATERSTOCK

3. Date or approximate date of earliest beneficial use; and how continuous the use has been for 10 years.

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
58

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
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 Appropriate.
I certify that I received and filed 28's instrument on this 30th day of December 1966 at 10:15 A.M.

F. P. Moore
County Recorder

Shirley Keath Deputy
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
William L. Hoyt
Address
West Fork
Darby, Montana
Date well started
July 21, 1971
completed
July 21, 1971
Type of well
Drilled
Equipment used
Churn Drill
Water Use: Domestic
Industrial
Other
*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
Unknown

PERFORATIONS
<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>17 lbs.</td>
<td>0</td>
<td>30</td>
</tr>
</tbody>
</table>

Static water level 29 ft.*
Pumping water level 25 ft.*
at 120 gallons per minute; measured 25 minutes after pumping began.
*Measured from ground level; Well developed by drilling for 25 hours.
Power: Pump, HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
6 LIL GRAVEL PILE

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.
Driller’s Signature
J. D. Bolling
Driller’s Address
Box 27, Victor, Montana
LICENSE NO.

I certify that I received and filed this
instrument on this 23rd
day of
1871, at 4:00
o'clock
F. G. Monroe
COUNTY RECORDER
\$ 2.00
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 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: Ray Higgins
Address: Route 1
Derby, Montana
Date well started: June 20, 1972
completed: June 23, 1972

Type of well: Drilled
Equipment used: Churn
Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

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>Size of Casing</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>17 #/ft x 0</td>
<td>30</td>
<td>22</td>
</tr>
</tbody>
</table>

PERFORATIONS

<table>
<thead>
<tr>
<th>Kind Size</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/16x5</td>
<td>22</td>
<td>30</td>
</tr>
</tbody>
</table>

Top of Ground

<table>
<thead>
<tr>
<th>(Ft. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
<tr>
<td>30</td>
</tr>
</tbody>
</table>

Sand gravel and large boulders

Static water level: 10 ft.
Pumping water level: 27 ft. at 10 gallons per minute, measured 50 minutes after pumping began.
Well developed by Pumped, for 12 hours.
Power: 1 HP
Remarks: (Gravel packing, cementing, packers, type of shuttering)
1 foot of gravel pack

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

CHART

Driller's Signature: [Signature]
Driller's Address: Pavelli Drilling Co., Victor, Mont.

LICENSE NO: 002

County: Ravalli

RECEIVED

GW 4 2/9/72

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.
I certify that I received and filed this instrument on the 17th day of Nov., 1932, at 2:00 o'clock M.
F. L. Moore
County Recorder
#5751
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Fall 1945

Owner: 
Address: Darby Mort

Sprinkler pump, 16 large field sprinklers
Head sized on 40ft pipe. Hose is 150 ft. continuous from June 1st to Oct 1st
Sprinkler used on Fraser Property
Since 1956 at varying rate

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.

Signature of Owner: Florence R. Fraser
Date: Dec 23, 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.
I certify that I received and filed this instrument on this 23rd day of Dec., 1963, at 4:13 p.m.

F.G. Moore
County 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. TRAPPER PEAK LAND AND LIVESTOCK COMPANY, of Darby, Montana

County of \\

State of \\

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: 1890, Year Round.

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

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: 6 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Dug well = 14 feet deep = 6 feet diameter.

10. The estimated amount of groundwater withdrawn each year: 3,000,000 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:

Trapper Peak Land and Livestock Company
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.
I certify that I received and filed this instrument on this 31st day of April, 1955, at 11:56 o'clock A.M.

F. Y. Dyer
COUNTY RECORDER

By: [Signature] Deputy
<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>6</td>
<td>Stope, J. &amp; W.</td>
<td>CW-2</td>
<td>2417</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>CW-2</td>
<td>2416</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Methodist Church</td>
<td>CW-2</td>
<td>4186</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td>CW-2</td>
<td>5753</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Thatcht, Field</td>
<td>CW-2</td>
<td>4757</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td></td>
<td></td>
<td>1213</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Lysgois, Harry</td>
<td>CW-2</td>
<td>2704</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
<td></td>
<td>4250</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Christopher, S.</td>
<td>CW-2</td>
<td>2223</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td>CW-2</td>
<td>4532</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Bremer, Wilson</td>
<td>CW-2</td>
<td>185391</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td>2998</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td></td>
<td>2439</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>CW-2</td>
<td>2438</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>CW-2</td>
<td>2437</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>CW-2</td>
<td>3001</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>CW-2</td>
<td>5362</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>CW-2</td>
<td>2935</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>CW-2</td>
<td>1898</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>CW-2</td>
<td>2395</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>CW-2</td>
<td>2547</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>CW-2</td>
<td>2285</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>CW-2</td>
<td>2285</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>CW-2</td>
<td>4213</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>CW-2</td>
<td>3629</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>CW-2</td>
<td>3629</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>CW-2</td>
<td>5222</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>CW-2</td>
<td>14494</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>CW-2</td>
<td>1881</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>CW-2</td>
<td>2825</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>CW-2</td>
<td>5766</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>CW-2</td>
<td>5764</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>CW-2</td>
<td>5713</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td></td>
<td>CW-2</td>
<td>3824</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: Dec. 30, 1963

Owner: P. J. Lopez
Address: Darby, Mont.

Contractor (if any)

Address of Contractor

Date Started: 1949  Date Completed: 1949

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

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.

Signature of Owner: P. J. Lopez
Date: Dec. 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.
I certify that I received and filed this instrument on this 30th day of December, 1929, at 10:45 A.M.

F. B. Moore
Deputy Recorder

Shirley Keith
Driver
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: Dec 30, 1963
Owner: [Name]
Address: [Address]
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:

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:

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

Signature of Owner:

Date: Dec 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)

Conway, Haldy J., Hall's Chute
(Name of Appropriator)

County of Broadwell
(Address)

State of Montana
(Town)

1. County of... 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: 100 acres.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 3000.

5. If used for irrigation, give the acreage and description of the land 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 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:

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.
I certify that I received and filed this instrument on the
3rd
day of Dec., 1963, at 6:45
a.m., N.

F. W. Moore
COUNTY CLERK

By

Shelby Keith
DEPUTY
**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 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:**

<table>
<thead>
<tr>
<th><strong>Address</strong></th>
<th>For Administrator's Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hamilton, Mont.</td>
<td>File #52/53</td>
</tr>
</tbody>
</table>

**Date well started:** Oct. 4, 1972

**Date well completed:** Oct. 6, 1972

**Type of well:** Drilled well

**Equipment used:** Churn drill

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

*Describe*

**USE:** If used for irrigation, industrial, drainage or other, explain.

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

**Driller's Signature:**

**Driller's Address:** Howlid Drilling Co., Victor, Mont.

**License No.:** 264

---

### ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>Total Feet</th>
<th>Kild No.</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3/17 x 5</td>
<td>23</td>
<td>30</td>
</tr>
</tbody>
</table>

Static water level: 7 ft.

Pumping water level: 25 ft.

Well developed by **K07/26** for 19 hours.

Power: **K07/26** HP

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

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

**Show exact depth of bottom**

5/352
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

I, Fred. Johnson, of Darby, (Address), (Town)

County of Ravalli, 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. [Handwritten]

3. The date or approximate date of earliest beneficial use, and how continuous the use has been. [Handwritten]

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

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. [Handwritten]

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

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

8. The depth of water table. [Handwritten]

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. [Handwritten]

10. The estimated amount of groundwater withdrawn each year. [Handwritten]

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

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. [Handwritten]

Signature of Owner. [Handwritten]

Date. [Handwritten]

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; Triplet to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropiator.
I certify that I received and filed this instrument on the 31st day of December, 1965, at 8:30 o'clock A.M.

J. C. Moore
COUNTY RECORDER

Paid $2.00

Deputy
**WATER WELL LOG**

Owner: Fred E. Thorning  
Address: Darby

Driller: Clyde McLean  
Address: Darby

Date Started: March 11, 1956  
Date Completed: March 18, 1956

Location: Sec. 2 T. 2 R. 20 § NWSE

Type of well: dug  
Equipment used: driller

Water use: Stock

Casing: none  
Type Size

Perforated or Screened: none  
Type Size

Static Water Level, for non-flowing well: 4-1/2 feet.

Shut in Pressure, for flowing well: none lb./sq. in.

Pumping water level: 4-1/3 feet at 200 gal. per min.

How Tested: gas centrifugal pump 8 h.p.

Length of test: 2 hours

Remarks: Open pit well 6 feet deep, 15 feet wide, and 20 feet long.
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 feet</td>
<td>big boulders</td>
</tr>
<tr>
<td>3 feet</td>
<td>coarse gravel</td>
</tr>
<tr>
<td>3 feet</td>
<td>fine sand</td>
</tr>
<tr>
<td></td>
<td>The digging was stopped at hard pan which couldn't be moved with the dragline.</td>
</tr>
</tbody>
</table>
**WATER WELL LOG**

**Owner:** Harry J. Phyllis Logan  
**Address:** Suite, Montana

**Driller:** William Anderson  
**Address:** 328 1345th Avenue, Hamilton

**Date Started:** January 1, 1961  
**Date Completed:** December 15, 1961

**Location:** Sec. 7 T. 2 N. R. 2 E. W. 1/4 sec. NE 1/4

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Equipment Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Churn drill</td>
</tr>
</tbody>
</table>

**Water Use:**
- Domestic [x]  
- Municipal [ ]  
- Stock [x]  
- Irrigation [x]  
- Industrial [ ]  
- Drainage [ ]  
- Other [ ]

**Casing:**
- From ft. to ft.  
- Type:  
- Size:  

**Perforated or Screened:**
- From ft. to ft.  
- Ft.

**Static Water Level:**
- For non-flowing well: feet.

**Shut-in Pressure:**
- For flowing well: lb./sq. in. on: (date)

**Pumping Water Level:**
- feet at gal. per min.

**How Tested:**

**Length of Test:**

**Remarks:**
- Gravel packing, cementing, packers, type of shut-off, depth of shut-off

(over)
**WATER WELL LOG**

**MONTANA BUREAU OF MINES AND GEOLOGY**

**STATE ENGINEER**

**Address:** Suite, Montana

**Date Started:** June 14, 1961  **Date Completed:** Dec. 8, 1961

**Location:** Sec. 7, T. 2 N., R. 20, W. 1/4 sec. NE 1/4

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Churn drill</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>✔</td>
</tr>
<tr>
<td>Municipal</td>
<td></td>
</tr>
<tr>
<td>Stock</td>
<td>✔</td>
</tr>
<tr>
<td>Irrigation</td>
<td>✔</td>
</tr>
<tr>
<td>Industrial</td>
<td></td>
</tr>
<tr>
<td>Drainage</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>70 ft. to 100 ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 ft. to 150 ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>150 ft. to 200 ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Perforated or Screened: 70 ft. to 100 ft. 100 ft. to 200 ft.

Type of screen or perforations:

Static Water level, for non-flowing well: 25 ft.

Shut-in pressure, for flowing well: ______ lb./sq. in.

Pumping water level at _25_ feet at _250_ gal. per min.

How tested: _active_

Length of test: _1_ days

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

旅行社

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>13</td>
</tr>
<tr>
<td>17</td>
<td>30</td>
</tr>
<tr>
<td>36</td>
<td>41</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. ARMSTRONG, CLYDE J. DOROTHY... of ........................................... PARBY...
   (Name of Appropriator) (Address) (Town)
   County of Ravalli, 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, YARD, IRRIGATION...

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1962. CONTINUES.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 42... GALL.

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 ACRE... 10%. CLYDE J. DOROTHY. ARMSTRONG...

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. 1962.

8. The depth of water table... 5 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. DRILLED... 4... HV. SCREEN.

10. The estimated amount of groundwater withdrawn each year. 4. 40. 400. GAL.

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

Signature of Owner. CLYDE J. ARMSTRONG

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 School of Mines and Quadruplicate for the Appropriator.
I certify that I received and filed this

in accordance with Office Rules,

Dec. 6, 1910

J. W. Maple

County Clerk

By: Shelly Keith

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

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>John P. Higgins</td>
<td>Corvallis</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jack S. Sams</td>
<td>Hamilton</td>
</tr>
</tbody>
</table>

Date of Notice of Appropriation of Groundwater: 4/1/62
Date well started: 4/3/62
Date Completed: 4/15/62

Type of well: Drilled
Equipment Used: Drill
(type of drill, driven, bored or drilled)

Water Use: Domestic (X) Municipal ( ) Stock (X) Irrigation ( )
Industrial ( ) Drainage ( ) Other ( )

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

<table>
<thead>
<tr>
<th>Strata Met</th>
<th>Height (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course gravel</td>
<td>24</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 18 feet
Shut-in Pressure for Flowing Well: 2 pounds
Pumping Water Level: 12 feet at 1500 gpd.
Discharge in gal., per min. of flowing well: 400 gal.

How Tested: Compression
Length of Test: 4 hours

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

Driller's License Number: 203
Driller's Signature: [signature]

This form to be prepared by driller, and three copies to be filled 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.
**DECLARATION OF VESTED GROUNDWATER RIGHTS**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Name of Appropriator:** 
2. **Address:** 
3. **Town:** 

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

- The beneficial use on which the claim is based.

---

**Diagram:**

- **N**
- **E**
- **W**
- **S**

- S.E. 1/4 S.E. Sec. 7 T. 22 R. 26

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

- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
- The depth of water table.
- 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 water table.
- The estimated amount of groundwater withdrawn each year.
- The log of formations encountered in the drilling of each well if available.
- 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:**

**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 School of Mines and QuadriPLICATE for the Appropriator.
I certify that I received and filed this instrument on this 3rd day of Feb., 1966, at 2:15 P.M.

[Signature]
COUNTY RECORDER

By: ____________________________
DEPUTY
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Lynn C. Christoferson
Address: Darby, Mont.

Driller: Norman C. Ray
Address: Hamilton, Mont.

Date of Notice of Appropriation of Groundwater: 12-26-63.

Date well started: 4-3-53... Date completed: 5-3-53.

Type of well: Drilled... Equipment used: Churn.
(dug, driven, bored or churn, drill, rotary, or other)

Water Use: Domestic ( ) Municipal ( ) Stock ( ) Irrigation (x)
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 Initial Hole</th>
<th>Site and Depth of Cutting</th>
<th>Time (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>26 ft.</td>
<td>4 in</td>
<td>4 ft.</td>
<td>26 ft.</td>
<td></td>
</tr>
</tbody>
</table>

- Static Water Level for non-flowing well: 15 feet.
- Shut-in Pressure for flowing well: 15 feet.
- Pumping Water Level: 26 feet at 25 1/3 gal. per minute.
- Discharge in gal. per min. of flowing well: 17 gal.
- How Tested: Length of Test: 100 feet.

Remarks: Gravel packing, cementing, packers, type of shut-off. Location of point of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation.

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 Approprietor.
I certify that I received and filed this instrument on this 24th day of December, 1922, at 11:30 a.m.

[Signature]

DEPUTY RECORDER

[Signature]
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Oscar Simpson  Address: Connor, Montana

Driller: Gerald Quigley  Address: Rt. 1, Hamilton

Date of Notice of Appropriation of Groundwater

Date well started: Oct. 50, 1966  Date Completed: Nov. 11, 1966

Type of well: Drilled  Equipment Used: Cable Tools

(dug, driven, bored or drilled)

Type of strata: Hard clay bound sand

Water Use: Domestic (X)  Municipal ( )  Stock ( )  Irrigation ( )

Industrial ( )  Drainage ( )  Other ( )

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

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

Show exact depth of bottom

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
I hereby certify that I received and filed this instrument on this date, 1971, at 9:06 A.M.

F. A. Moore
Deputy Recorder

7,000.00
Deputy
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...April 5, 1965.
Owner...Wilma Wetmore.
Address...Connor, Mont.
Contractor (if any).
Address of Contractor.
Date Started...May 1, 1964.
Date Completed...April 6, 1965.
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.
Means of obtaining groundwater is by springs located near and on their property.
No other way could these be used, only by the source.

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.

Ditch approximately 2 ft. wide and 6 inches deep.
flows from this pond to water pump used for irrigation.

Signature of Owner...Wilma Wetmore.
Date...April 5, 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.
Wilma Wetmore

I certify that I received and filed this instrument on this 5th day of April, 1965, at 2:00 P.M.

F. G. Moore
County Recorder

Fee $2.00