<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>6</td>
<td>King, Carl M.</td>
<td>GW 4</td>
<td>720770</td>
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<td>Pease, Joe</td>
<td>GW 3</td>
<td>725569</td>
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<td>Whitmore, Carl N.</td>
<td>GW 4</td>
<td>721109</td>
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<td>17</td>
<td>J. B. Grieson Company</td>
<td>GW 4</td>
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<td>Wilson, James E.</td>
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<td>Jameson, Paul &amp; Frank</td>
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<td>720708</td>
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<td>J. B. Grieson Company</td>
<td>GW 4</td>
<td>720209</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Johnson, Paul &amp; Frank</td>
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<td>Wilson, James E.</td>
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<td>Johnson, Paul &amp; Frank</td>
<td>GW 3</td>
<td>720706</td>
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<td>Johnson, Brothers</td>
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<td>800348</td>
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<td>Johnson, Paul &amp; Frank</td>
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<td>Johnson, Paul &amp; Frank</td>
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<td>720209</td>
<td></td>
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<td>J. B. Grieson Company</td>
<td>GW 4</td>
<td>720209</td>
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<td></td>
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<td>Whitmore, Carl</td>
<td>57 leg</td>
<td></td>
<td></td>
</tr>
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<td>Karaman, John &amp; Robert</td>
<td>GW 4</td>
<td>169663</td>
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</table>
**Declaration of Vested Groundwater Rights**

(under Chapter 237, Montana Session Laws, 1961)

1. **(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 quantity of groundwater claimed (in miner's inches or gallons per minute); gallon per minute

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 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, 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
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 this form may be returned.

Owner: Joe Pense
Address: Helena, Montana
Date well started: Nov. 16, 1972
completed: Dec. 14, 1972

Type of well: Drilled
Equipment used: Rotary
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>Size of Field</th>
<th>Site and Section of Land</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>58&quot; W 462</td>
<td>350</td>
<td>420</td>
<td>slotted</td>
</tr>
</tbody>
</table>

Static water level 70 feet.*
Pumping water level 300 feet.*
at 7 gallons per minute,
measured 5 minutes after pumping began.

*Measured from ground level.

Power Pump HP 10

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

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.
STATE OF MONTANA, \n
County of Teton \n
This instrument was filed in my office \n
the \n
JAN 2 2 1973 \n
at \n
10 A.M. \n
M. F. Fack \n
Clerk of Courts \n
\n
Deputy
## WATER WELL LOG

**Owner:** Carl Whiteman  
**Address:** Melstone, Mont.

**Driller:** L.T. Erickson  
**Address:** Ranchmont, Mont.

**Date Started:** June 21, 1958  
**Date Completed:** June 30, 1958

**Location:** Sec. 6, T. 8, R. 32, 
**County:** Meagher

### Type of well
- **Churchill**

### Equipment used
- Churn drill

### Water use
- **Stock**

### Casing
- **Surface:** ft. to 40 ft.  
- **Type:** galvanized  
- **Size:** 6" black iron

### Perforated or Screened
- **Surface:** ft. to 40 ft.  
- **Type:** galvanized  
- **Size:**

### Static Water level, for non-flowing well: 250 feet

### Shut-in pressure, for flowing well: 50 lb./sq. in. on: (date)

### Pumping water level: 260 feet at 20 gpm  
**gal. per min**

### How tested: **Back**

### Length of test: 20 minutes

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

---

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 3</td>
<td>Surface soil</td>
</tr>
<tr>
<td>3 - 45</td>
<td>Sandstone</td>
</tr>
<tr>
<td>45 - 53</td>
<td>Light blue shale</td>
</tr>
<tr>
<td>53 - 95</td>
<td>Sand, little H2O</td>
</tr>
<tr>
<td>95 - 135</td>
<td>Sandy shale</td>
</tr>
<tr>
<td>135 - 278</td>
<td>Light blue shale</td>
</tr>
<tr>
<td>278 - 282</td>
<td>Coal</td>
</tr>
<tr>
<td>282 - 305</td>
<td>Shale</td>
</tr>
<tr>
<td>305 - 315</td>
<td>Coal</td>
</tr>
<tr>
<td>315 - 360</td>
<td>Sticky blue shale</td>
</tr>
<tr>
<td>360 - 372</td>
<td>Light blue shale</td>
</tr>
<tr>
<td>372 - 410</td>
<td>Sand Parowan, 420 - 30 gal per 1000 ft</td>
</tr>
</tbody>
</table>

Log of Well
## Water Well Log

**Owner:** Carl Whitman

**Address:** Missoula

**Driller:** P.J. Ferguson

**Address:** Ronan, MT

**Date Started:** June 19-58

**Date Completed:** June 26-58

**Location:** Sec 6 T 8 R 32 1/4 sec (Center)

### Type of Well
- **Drilled**

### Equipment used
- **Cable Tool Rig**

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

### Casing
- **Casing:** 0 ft. to 410 ft.
  - **Type:** Galvanized
  - **Size:** 6 in.

### Perforated or Screened
- **Perforated or Screened:** 80 ft. to 110 ft.
  - **Type:** Slotted
  - **Size:** Screened

### Shut-in Pressure
- **Shut-in Pressure:** 250 lb./sq. in. on: (date)

### Static Water Level
- **Static Water Level:** 250 ft.

### Pumping Water Level
- **Pumping Water Level:** 260 ft.
  - **Feet at:** 30 gal. per min.

### Length of Test
- **Length of Test:** 90 ft. (ft.)

### How Tested
- **How Tested:** Draining

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

---

(over)
## Log of Well

<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>3</td>
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<tr>
<td>3</td>
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<td>360</td>
</tr>
<tr>
<td>360</td>
<td>372</td>
</tr>
<tr>
<td>372</td>
<td>410</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Carl V. Eithman
   (Name of Appropriator)
   of Box 326
   (Address)
   Melton
   (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: Stock

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 6 gallons 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: Windmill

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

8. The depth of water table: 375 ft. 410 ft. 35 ft.

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

10. The estimated amount of groundwater withdrawn each year: One million gallons

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: Dec 30, 1963

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

1. **J. B. Greenway Company** (Name of Appropriator)
   - Address
   - Town
   - County of Treasure
   - 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: Livestock water well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Issued approximately six months of every year since Oct., 1953

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 5 gallon per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:

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

   - Pump with 10 ft. windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Well completed Oct. 29, 1953

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:
   - Well drilled 30 ft. with 10' casing, 21 ft. 14" pipe with 16' wall rod, 3" x 18" brass cylinder

10. The estimated amount of groundwater withdrawn each year: 650,000 gallons

11. The log of formations encountered in the drilling of each well if available: 0 = 30 clay 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:**

   J. B. Greenway Company
   Date: December 14, 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 Yellowstone,)
This instrument was filed in my office
this ___ day of Dec., 1962
at 12:00 o'clock P.M.

Edmon S. Redding,
County Clerk & Recorder
By Richard.. 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... 1955
Owner: James E. Wilson
Address: Melstone
Contractor (if any) None
Address of Contractor None
Date Started None Date Completed None
Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable.

Natural Spring in Creek

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... Pond
20 Feet Long 10 Feet Wide
9 ft. 5 ft. deep Stock water year around

Signature of Owner James E. Wilson
Date Dec. 20, 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

COUNTY OF YELLOWSTONE

This last will and testament was executed by

[Signature]

County Clerk & Recorder

Deputy 1
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. J. B. Biermann Company, of Helena, 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: Lavatoolk water well.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been, annually or every sixth months, since July, 1949.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 5 gals per minute.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pump with lift, Kindall.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Jan., 1929.

8. The depth of water table: 35 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: well drilled 75 ft, with 6' casing, 65 ft of 12' pipe with 3/4' rod, 3' nose cylinder.

10. The estimated amount of groundwater withdrawn each year: 500,000 gals.

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

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


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,

(Counties of Yellowstone,

This instrument was filed in my office
this 14th day of Dec., 1963,

Edmon S. Redding,
County Clerk & 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, 1962)

1. Paul & Frank Johnstone
   (Name of Appropriator) of 88, of
   (Address) (Town)
   County of Yellowstone, 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
   stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   Spring of 1950 and been in use ever since

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

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
   none

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

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

8. The depth of water table 50 ft. to water level from the ground surface

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 103 ft. with 90 ft. 6 inch gal. spiral telescopic

10. The estimated amount of groundwater withdrawn each year
    estimated about 1,680,000 gallons

11. The log of formations encountered in the drilling of each well if available
    there was no log kept of this well to our knowledge

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

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 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. Paul & Frank Johannesen, of Cutrer
   (Name of Appropriator) (Address) (Town)
   County of Yellowstone, 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: Stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 25, 1961 and is in continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute): In excess of 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: None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Date started unknown, date finished May 5, 1961

8. The depth of water table: Hit water at 56 & 139 ft. at 11 gal. p.m., water level 80 7 ft. from surface

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 149 ft. with 6 inch casing

10. The estimated amount of groundwater withdrawn each year: About 1,680,000 gals.

11. The log of formations encountered in the drilling of each well if available: 0-51', sandy blue clay, 51-56 Sand Stone ledge 1/2 g. p. m., 56-95 blue clay & soft shale S. S. ledges, 97-139 Sand stone 11 g. p. m., 139-149 soft blue clay, static water level 81 ft. 7 inches

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

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 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. J. B. Overstreet Company
   (Name of Appropriator)
   (Address)

County of Treasure
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
   Livestock

3. Date or approximate date of earliest beneficial use, and how continuous the use has been
   Used approximately six months of every year since Oct., 1937

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Pump with 10 ft. well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Well completed Oct. 10, 1937

8. The depth of water table
   8 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   Well drilled 50 ft. with 60 casing, 80 ft. 11/8 pipe, with 3/8 rod, 21/8 brass cylinder

10. The estimated amount of groundwater withdrawn each year
    650,000 gals

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

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

Signature of Owner

Date: December 14, 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 Yellowstone.

This instrument was filed in my office on the 16th day of December 1903 at 12:38 o'clock P.M.

Edmon S. Bedding, County Clerk & Recorder

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

1. John Karman and Robert Karman of Guster, (Address) (Town)
   County of Yellowstone, 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   Sept. 1, 1960 - Every year

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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. No irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   July 10, 1960 - July 18, 1960

8. The depth of water table 40 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 - 6 in. casing
   150 ft deep

10. The estimated amount of groundwater withdrawn each year 200,000 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
   John Karman
   Date: December 10, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropnator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. J. B. Grierson Company
   (Name of Appropriator)
   3426 Beehive
   (Address)
   Town
   County of Yellowstone
   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: Livestock
       water well

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Used approximately six months of every year since 1948 (exact date unknown as well existed at time land was purchased)

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

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

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pump and 10 ft. windmill

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Probably 1942

   8. The depth of water table: 30 feet

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Well drilled 100 ft. with 6" casing, 6 ft. 1/2" pipe with 3/8" rod, 3" brass cylinder

   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: None available

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

   Signature of Owner: J. B. Grierson Company
   Date: December 14, 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 Yellowstone

This instrument was filed in my office
this 16th day of December 19-- at 2:52 o'clock P.M.

John S. Mead
County Clerk of Recorder

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

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

STALT tMMt^EFR

1. Paul & Frank Johnson, of Custer.
   (Name of Appropriator) (Address) (Town)
   County of Yellowstone 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. Stock water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Sept. 15, 1949 and used continuously there after.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gals. 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. None.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Commenced unknown. Completed Sept. 1, 1949.

8. The depth of water table. Hit water at 14 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. 90 feet of drilling. 95 feet of 6 inch gal. casing.

10. The estimated amount of groundwater withdrawn each year. About 1,680,000 gals.

11. The log or formations encountered in the drilling of each well if available. 1-5' Top soil. 5-42' yellow silt. 42-60 gray shale, sticky. 60-67' gray shale sandy, some water. 1 gal. per. 67-70' sand shale. 70-83' sand water. 83-90' gray shale. Cased 6 gal. sheet metal R12 casing. Drilled 82 & 3/4 inch bit. Water level 40 ft. from surface.

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

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 Quadruplicate for the Appropriate.
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: ____________________ Address: ____________________

Contractor (if any): ____________________ Address: ____________________

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: ____________________

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; quadruplicate for the Appropriator.
STATE OF MONTANA, \\
County of Yellowstone, \\

This instrument was filed in my office 
this 12th day of December, 1969, 
at 1:22 o'clock P.M. 

Edmon S. Redding, 
County Clerk & Recorder 

By Deputy
Notice of Completion of Groundwater Appropriation Without a Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater: March 6, 1961

Owner: Paul & Frank Johnson
Address: Custer, Montana

Contractor (if any): N/A
Address of Contractor: N/A

Date Started: 2-10-56
Date Completed: 2-13-56

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: Paul Johnson
Date: March 6, 1962

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

Owner: Johnson Corp. Address: Center, Montana

Driller: L. D. Drilling Address: Billings, Montana

Date of Notice of Appropriation of Groundwater: 10/16/69
Date well started: 10/15/69 Date Completed: 10/18/69

Type of well: Drilled Equipment Used: Caly
(dug, driven, bored or drilled)

Type of water use: Domestic □ Municipal □ Other □ Irrigation □
Industrial □ Drainage □ Stock □

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

<table>
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<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>Press From (Ft)</th>
<th>To (Ft)</th>
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</table>

Static Water Level for non-flowing Well: 30 feet.
Shut-in Pressure for Flowing Well: 25 psi.

Pumping Water Level: Bars. Test: 16 gal. per minute.

Discharge in gal. per min. of flowing well: 16 gal. per minute.

How Tested: Bars. Length of Test: 9 hrs.

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

Driller's License Number: 123
Driller's Signature: Ray Jones

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Paul & Frank Johnson, of Custer County, 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 is General Farm and Ranch Use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since March 15, 1947, and has been in use ever since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) is 2 1/2 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. Flower Garden.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal is Electric Motor and Pump Jack with regular pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater is Date started unknown, date finished March 15, 1947.

8. The depth of water table is Hit water at 65 ft, water level at 65 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 is This well was drilled with a 6 3/4 inch bit and cased with 6 inch galvanized casing. Drilled 175 ft.

10. The estimated amount of groundwater withdrawn each year is 20,000 gals.

11. The log of formations encountered in the drilling of each well if available is Gma3 yellow sand, 36-39 cm, 30-45 gray shale, 46-48 hard sand rock, 48-64 gray sand shale, 64-68 ooze, 68-77 gray sandy shale, 97-116 gray sticky shale, 116-155 gray sandy shale, 155-190 hard sand rock, 190-230 gray sticky shale, 169-195 gray 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 is None.

Signature of Owner

Date 12-23-63

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

1. Paul A. Frank Johnson, of County of Yellowstone, 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: stock water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1956 and been used ever since.

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

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: none.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: electric motor and pumpjack with regular pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: During the year of 1956.

8. The depth of water table: 20 feet...water level 20 feet from the surface.

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 150 feet and cased with 4 inch casing.

10. The estimated amount of groundwater withdrawn each year: Johnson about 546,000 gals.

11. The log of formations encountered in the drilling of each well if available: O'-20...top soil...20-23...gravel...23-150...lode shell.

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: __________________________
Date: 1/2/63

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 Appropiato.
STATE OF MONTANA,
County of Yellowstone.
This instrument was filed in my office this 23rd day of December, 1963, at 10 o'clock a.m.

Edison S. Redding,
County Clerk & Recorder

[Signature]
Deputy

$2.00
1. Paul & Frank Johnson, of Custer, 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: Home & Stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 14, 1966 and used continuously since

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Submersible pump with pressure tank & system

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Exact starting date is unavailable, finishing date is May 14, 1966. Pressure system installed in the summer of 1955.

8. The depth of water table: about 120 feet to the skin

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled well 120' with 6' casing. Drilled to 135' deep with 136' of 6' casing.

10. The estimated amount of groundwater withdrawn each year: about 190,000 gallons

11. The log of formations encountered in the drilling of each well if available: Seal, blue shale, and sand rock were drilled through to the exact amount of rock is unavailable. At this time, 2'-6' dirt, 5'-15' clay, 13'-20' sand, 24'-31' gray sand rock, 32'-69' gray shale, 69'-72' coal, 72'-97' sandy shale, 97'-112' white sand rock, 112'-135' gray shale. Finished with 6 3/4' bit. Hit water at 97 feet. Water level 65 feet from surface.

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: Any record of this kind is unknown to us.

Signature of Owner: March 7, 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

I, J. E. Davidson, Company, of XXXXX, Montana,
(Name of Appropriator) (Address) (Town)
County of XX, 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: Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: approximately six months of every year since Oct. 1950

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: pump with motor and jack

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: well completed Oct. 28, 1953

8. The depth of water table: 120 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: well drilled 25 ft, with 6” casing, 130 ft, 2” pipe with good rod, 1 1/16” brass cylinder

10. The estimated amount of groundwater withdrawn each year: 275,000 gals

11. The log of formations encountered in the drilling of each well if available: 0-30 yellow clay, 30-55 coral, 55-150 sandy shale, 150-200 gray sandy shale, 200-250 fine sandstone

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: Samuel Davidson
Date: December 10, 1953

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.
STATE OF MONTANA,

County of Yellowstone,

This instrument was filed in my office
this 6th day of June, 1962,
at 12:00 o'clock, M.

Edmon S. Redding,

County Clerk & Recorder

By: [Signature] Deputy

200
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Paul & Frank Johnson, of Castle
   County of Yellowstone, 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 is horse and stock water.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   before 1920... and used ever since.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 1/2.

   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... none.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by hand... with a pump handle until 1951 then a windmill was installed.

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

   8. The depth of water table 75 feet from the surface.

   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... unknown.

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

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

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

   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 Quadruplicate for the Appropriator.
STATE OF MONTANA.
County of Yellowstone.

This instrument was filed in my office this DEC. 23 1862, at 11:12 P.M.

Edwin S. Sixtius,
County Clerk & Recorder.

By, ________________________ D.S.O.
## Groundwater Index

**County:** Yellowstone  
**Twp.:** 7N  
**Rge.:** 30E

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<th>Type of Form</th>
<th>County File No.</th>
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</table>
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater __________ 1940 __________

Owner. Harry Johnson Address: Meeker Hill, Miss.

Contractor (if any) __________ None __________

Address of Contractor __________ None __________

Date Started __________ 1940 __________ Date Completed __________ 1940 __________

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

Spring in pipe down creek into sump

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.

2 gal per min measured at pipe outlet used app.

1 month of the year

Apparatus used varies to cattle inspector

Signature of Owner __________ Harry Johnson __________

Date: __________ Feb 26, 1962 __________

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 School of Mines and Quadruplicate for the Approprietor.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Harry Johnson   of Musselshell
(Address)   (Town)
County of Yellowstone, State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

N 2 The beneficial use on which the claim is based
W
E
S

NE 1 Sec. 12 T. 7. R. 20
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based

3. Date of 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 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)

1. 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 1949

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 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.

NE 34 Sec 14 T 7 R 30
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

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

8. The depth of water table 130 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. Casing to bottom 240 ft. Deep 8 in.

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

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 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)

1. Harry Johnson, of Missoula,
   (Name of Appropriator) (Address)
   County of Yellowstone 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.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 12, 1952 continuous until present.

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

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: None.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: May 12, 1952.

8. The depth of water table: 10 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 105 ft. deep, 7 x 7 ft. square.

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


12. Such other information or 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: Harry Johnson
Date: Feb 24, 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 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)

1. Henry Johnson, of Missoula, Montana

County of Yellowstone, 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 May 23, 1955

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 23, 1955

8. The depth of water table 10 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 23 ft deep 6 in

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 Henry Johnson
Date Feb 26, 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 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)

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**Owner:** Bureau of Land Management

**Address:** Billings, Montana

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**Driller:** Joe Johnson, Jr.

**Drilling Co.:** Joe Johnson Drilling Co.

**Address:** Terry, Montana

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**Date of Notice of appropriation of groundwater:** Nov. 22, 1965

**Date well started:** Nov. 4, 1965

**Date completed:** Nov. 12, 1965

---

**Type of well:** Drilled

**Equipment used:** Cable tool

**(Drill, Driven, bored or drilled)**

**Water use:** Domestic [ ] Municipal [ ] Stock [ ] 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 the water rises in the well.**

---

**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>
<th>Kinds Described</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>6&quot;</td>
<td>0</td>
<td>228'10&quot;</td>
<td>slots</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3/8&quot; wide</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>6&quot; length torch</td>
</tr>
</tbody>
</table>

---

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

- 94' feet.

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

- M.I.A.

**Pumping Water Level:**

- 200' feet

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

- 7 gal. per minute.

**How Tested:**

- Balancing

**Length of Test:**

- 6 hours

**Remarks:**

- (Gravel packing, cementing, packers, type of cutoff)

---

**Driller's License Number:**

- 25A

---

**Principal Aquifer zone:** Sandstone

---

**Show exact depth of bottom:**

- 228' feet.

---

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)

1. Harry Johnson, of Musselshell

   County of Yellowstone, 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: 

      Stockton

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1920

      Continues as Stockton

   4. The amount of groundwater claimed (in miner’s inches or gallons per minute) 12 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: none

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric motor and pump jacks

   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: 9.5 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: 12.0 ft deep 6-in. casing

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

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

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: Harry Johnson

   Date: Feb 26, 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 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)

Owner... Bureau of Land Management
Address... Billings, Montana

Driller... John Johnson Drilling Co.
Address... Terry, Montana

Date of Notice of appropriation of groundwater... NA
Date well started... Nov. 26, 1965... Date completed... Nov. 30, 1965

Type of well... Drilled... Equipment used... Cable Tool
(Dig, Driven, bored or drilled) (Chase drill, rotary or other)

Water use: Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □ Wildlife

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</th>
<th>Water Yield</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coarse grey sandstone</td>
<td>3 gals/minute</td>
<td></td>
</tr>
<tr>
<td>Tongue River member</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fort Union Formation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>101 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandstone</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td></td>
<td></td>
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<tr>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Hold of Culm Kind From To

<table>
<thead>
<tr>
<th>Width (Feet)</th>
<th>Height (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>45 ft.</td>
<td>75 ft.</td>
</tr>
<tr>
<td>90 ft.</td>
<td>110 ft.</td>
</tr>
<tr>
<td>110 ft.</td>
<td>163 ft.</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well... 45 feet.
Shut-in Pressure for Flowing Well... NA
Pumping Water Level... 110 feet
at... 6 gal. per minute.
Discharge in gal. per min. of flowing well... NA

How Tested... Bale
Length of Test... 4 hours
Remarks: (Gravel packing, cementing, packers, type of shutoff)... rubber packers
installed at the 44 foot level
and 88 foot level

How Tested... Bale
Length of Test... 4 hours
Remarks: (Gravel packing, cementing, packers, type of shutoff)... rubber packers
installed at the 44 foot level
and 88 foot level

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, these copy to be retained by driller.

154
Driller's License Number

Driller's Signature... Johnson

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

Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws 1955)

Date of Notice of Appropriation of Groundwater
Date well started... Date Completed
Type of well. Drilled Equipment Used. Drilled or
(dug, driven, bored or churn, drill, rotary 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>Static Water Level for non-flowing Well</th>
<th>Shut-in Pressure for Flowing Well</th>
<th>Pumping Water Level</th>
<th>Discharge in gal per min. of flowing well</th>
<th>How Tested</th>
<th>Length of Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Diagram of well location]</td>
<td>[Diagram of well location]</td>
<td>[Diagram of well location]</td>
<td>[Diagram of well location]</td>
<td>[Diagram of well location]</td>
<td>[Diagram of well location]</td>
</tr>
</tbody>
</table>

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

Driller’s License Number
Driller’s Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RUDOLPH H. REIDINGER, of BOX 167, MUSSEL SHELL
County of YELLOWSTONE, 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. Address
3. Town
4. County
5. State

| SW 1/4 NW Sec. 33 T 7 N R 30 E |

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: SEPTEMBER 4, 1962, TO PRESENT TIME.

4. The amount of groundwater claimed (in miner's inches or gallons per minute), 6 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: NONE.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: PUMP JACK WITH GAS MOTOR.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: SEPTEMBER 4, 1962.

8. The depth of water table: ONE TABLE 30 FT. AND ONE TABLE 50 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: 1 IN. CASING 1 1/2 IN. WELL PIPE TO THE DEPTH OF 72 FT.

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

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

| 15' - 25' | SANDSTONE |
| 25' - 32' | SHALE |
| 32' - 39' | COAL |
| 39' - 45' | SHALE |
| 45' - 60' | SANDSTONE |
| 60' - 72' | SHALE |

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: RUDOLPH H. REIDINGER
Date: DECEMBER 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 School of Mines and Quadruplicate for the Appropriator.
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

## STATE OF MONTANA

### ADMINISTRATOR OF GROUNDWATER CODE

### OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

1. **Rudolph H. Reidinger**, of Box 167, Musselshell
   
   **(Name of Appropiatee)**

   **(Address)**

   **(Town)**

   **County of**: Yellowstone

   **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 is **Domestic Use**.

   3. Date or approximate date of earliest beneficial use: **June 3, 1926**. The continuous use has been **1926 to Present**.

   4. The amount of groundwater claimed (in miner’s inches or gallons per minute): **8 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: **None**.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: **Jet by Electric**.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **June 3, 1926** to **June 14, 1926**.

   8. The depth of water table: **100 ft. above the surface** and **160 ft. below the surface**.

   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: **7 in. casing 1/2 in. plastic pipe to the depth of 170 ft.**

   10. The estimated amount of groundwater withdrawn each year: **200,000 gallons**.

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

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

   **Signature of Owner**: Rudolph H. Reidinger

   **Date**: December 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 School of Mines and quadruplicate for the Appropiatee.