### MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

#### WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Joe W. &amp; Eva Hall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Bailey Bros.</td>
</tr>
<tr>
<td>Date Started</td>
<td>Oct 20-1949</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Oct 30-1949</td>
</tr>
</tbody>
</table>

**Location:** Sec. 27, T. 23 R. 47, 1/4 sec.

- **Type of well:** Baured
- **Equipment used:** Raterg

- **Water use:** Domestic ✗, Municipal, Stock, Irrigation
- **Industrial:** No
- **Drainage:** No
- **Other:** No

<table>
<thead>
<tr>
<th>Casing:</th>
<th>50 ft. to ft.</th>
<th>Type: Tile</th>
<th>Size: 16 in</th>
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</thead>
<tbody>
<tr>
<td>Casing:</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Casing:</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

- **Perforated or Screened:** Ft. to ft.
- **Type of screen or perforations:**

- **Static Water level, for non-flowing well:** 90 ft.
- **Shut-in pressure, for flowing well:** 1 lb./sq. in. on: (date)

- **Pumping water level:** 50 feet at 8 gal. per min. 8
- **How tested:** Pumped in 600 hours
- **Length of test:** 1 and 1/2 hours

**Remarks:**
- Gravel packed
- Soft sand, stone 40 ft. to 10 quick sand
- Total: 50 ft.

(over)
<table>
<thead>
<tr>
<th>123372</th>
<th>Water Well Log #116</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>State of Montana</td>
</tr>
<tr>
<td></td>
<td>County of McCone</td>
</tr>
<tr>
<td></td>
<td>Office of Clerk and Recorder</td>
</tr>
<tr>
<td></td>
<td>Filed this 29th day of December 9, 1962 at 11:30 A.M.</td>
</tr>
<tr>
<td></td>
<td>By</td>
</tr>
<tr>
<td></td>
<td>Fee Name</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights

(1 Under Chapter 237, Montana Session Laws, 1961)

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

1. Name of Appropriate: [Name]
2. Address: [Address]
3. County of: [County]
4. State of: [State]
5. Town: [Town]

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

2. The beneficial use on which the claim is based:
   - Domestic
   - Stock
   - Possible Irrigation

3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
   - July 12, 1927
   - Continuously until last 2 years

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   - 2 second feet

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:
   - [Details]

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - July 12, 1927

8. The depth of water table:
   - [Details]

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:
   - [Details]

10. The estimated amount of groundwater withdrawn each year:
    - [Details]

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

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:
    - [Details]

Signature of Owner: [Signature]

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

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

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

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

STATE ENGINEER

T. M. Lebring

(Name of Appropriator)

of

Coke

(Address)

(City)

County of

McCook

(State)

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 continuity has been maintained:

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 Appropriorator.
DOC. NO. 126776

WATER WELL LOG FILE NO. 246

T. N. SEBRING

TO

THE PUBLIC

State of Montana  | m.
County of McCone  | m.
Office of Clerk and Recorder.
Filed this 12th day of
November A. D. 1963
at 9:00 A. M.

[Signature]

[Seal and Recorder]

Esq. $ 2.00

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

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

STATE ENGINEER

Received
Nov 18 1963

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. M. Sabring**

   (Name of Appropriator)

   (Address)

   (Town)

   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.

   June 1942, all year during summer months.

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

   10 gal.

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

   Not used for irrigation.

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

   Pumps and windmill.

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

   June 1942.

   8. The depth of water table.

   20 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.

   Wood casing. 18 in. 40 ft. deep.

   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: **J. M. Sabring**

   Date: November 13, 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.
DOC. NO. 126777
WATER WELL LOG FILE NO. 247

T. N. SEERING

TO

THE PUBLIC

State of Montana
County of McCone
Office of Clerk and Recorder.
Filed this 24th day of November A.D. 19-

at 4:05 P.M.

By

Ex. $2,000
<table>
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<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>Uppland J. M.</td>
<td>GW 4</td>
<td>127559</td>
<td></td>
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<tr>
<td>17</td>
<td>Miculek, Pete</td>
<td>well 1406</td>
<td>163261</td>
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<tr>
<td>15</td>
<td>Schilling, Clyde</td>
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<tr>
<td>28</td>
<td>Schilling, Paul</td>
<td>12547</td>
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<td></td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

In the name of State of Montana, in the interest of the public welfare, for the protection of the waters of the State, and the better execution of the provisions of the laws relating to the appropriation and use of groundwaters, the undersigned, having examined the records of the State Engineer and the records of the County Clerk and Recorder in the County of

J. M. Hafeland

of

Montana

being the person having appropriated groundwaters according to the Montana laws in effect prior to January 1, 1962, do hereby declare the following:

1. The beneficial use on which the claim is based: Stock and Household

2. The date or approximate date of earliest beneficial use: Sept. 1948

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 125 gpm

4. If used for irrigation, give the acreage and description of the lands to which water has been applied: Not applicable

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

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Sept. 5 - Sept. 17, 1948

7. The depth of water table: 20 ft.

8. 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: 18 in. hole 8 ft. deep

9. The estimated amount of groundwater withdrawn each year: 230,000 gals

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

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

12. Signature of Owner: J. M. Hafeland

Date: Jan 3, 1964

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
DOG. NO.

WATER WELL LOG FILE NO. 565

J. N. HOFLAND

TO

THE PUBLIC

STATE OF MONTANA

COUNTY OF McCONE

OFFICE OF COUNTY CLERK & RECORDER

Filed this 3rd day of Jan., 1960 A.D.

at 4:35 o'clock, p. m.


COUNTY CLERK

FEE: 25.00
**WATER WELL LOG**

**Owner**: Pete Michelle  
**Address**: Vida, Mont.

**Driller**: Owner  
**Address**: Vida, Montana

**Date Started**: November 1950  
**Date Completed**: November 1950

**Location**: Sec. 6 T. 23 R. 48

**Type of Well**: Dug  
**Equipment Used**: Hand dug

**Water Use**: Domestic  
**Other**: Irrigation

---

**Casing**: 0 ft. to 20 ft.  
**Type**: Tile  
**Size**: 6-inch

**Casing**: 21 ft. to 30 ft.  
**Type**:  
**Size**:  

**Perforated or Screened**: 31 ft. to 40 ft.  
**Type**:  
**Size**:  

**Type of Screen or Perforation**:  

**Static Water Level**: For non-flowing well: 30 feet from the top:

**Shut-In Pressure**: For flowing well:  
**Pumping water level**:  
**Length of Test**:  
**Remarks**: (Gravel packing; cementing; packers; type of shut-off; depth of shut-off)

(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth Zone</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0 To 20</td>
<td>Sandy loam</td>
</tr>
<tr>
<td>From 0 To 20</td>
<td>Gravel bottom</td>
</tr>
</tbody>
</table>

**WATER WELL LOG FILE NO. 207**

**Office of Clerk and Recorder**

**Filed this Day of , 19**

**Prepared by:**

**Recorded by:**

**Notary Public:**

**Witness:**

**Owner:**

**Driller:**

**Date:**

**Time:**

**Doc. No:**

**Number:**

**Location:**
WATER WELL LOG

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

<table>
<thead>
<tr>
<th>Water use: Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
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<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to ft.</th>
<th>Type</th>
<th>Size</th>
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</table>

<table>
<thead>
<tr>
<th>Perforated or Screened: Ft. to Ft.</th>
<th>Ft. to Ft.</th>
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<tbody>
<tr>
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</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>100 feet</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>lb./sq.in.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>100 feet at 5 gal. per min.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
<th>Bailed</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length of test:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Remarks: (Gravel packing; cementing; packers, type of shut-off, depth of shut-off)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

(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>Clay</td>
<td></td>
</tr>
<tr>
<td>Coal</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
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</tbody>
</table>

**Water Well Log 4176**

State of Montana  
County of McCone  
Office of Clerk and Recorder.

Filed this 20th day of December, 1961, at 1:42 o'clock P.M.  

File No.: None  
Deputy
<table>
<thead>
<tr>
<th><strong>WATER WELL LOG</strong></th>
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<tbody>
<tr>
<td><strong>Owner</strong></td>
</tr>
<tr>
<td><strong>Address</strong></td>
</tr>
<tr>
<td><strong>Driller</strong></td>
</tr>
<tr>
<td><strong>Address</strong></td>
</tr>
<tr>
<td><strong>Date Started</strong></td>
</tr>
<tr>
<td><strong>Date Completed</strong></td>
</tr>
<tr>
<td><strong>Location</strong></td>
</tr>
</tbody>
</table>

| **Type of Well** | Drilled |
| **Equipment Used** | Drill |

| **Water use** | Domestic X | Municipal | Stock X | Irrigation X |
| **Industrial** | | | | |
| **Drainage** | | | | |
| **Other** | | | | |

| **Casing:** | 0 ft. to 100 ft. | Type: | Size: |
| **Type:** | | | |
| **Size:** | | | |

| **Casing:** | 0 ft. to 100 ft. | Type: | Size: |
| **Type:** | | | |
| **Size:** | | | |

| **Casing:** | 0 ft. to 100 ft. | Type: | Size: |
| **Type:** | | | |
| **Size:** | | | |

| **Perforated or Screened:** | Ft. to ft. | Ft. to ft. | Ft. to ft. |
| **Type:** | | | |
| **Size:** | | | |

| **Type of screen or perforations:** |  |

| **Static Water level, for non-flowing well:** | 100 feet |

| **Shut-in pressure, for flowing well:** |  |
| **lb./sq.in.** | (date) |

| **Pumping water level:** | 40 ft. | 5 gal. per min. |

| **How tested:** |  |

| **Length of test:** |  |

| **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>From</td>
<td>To</td>
</tr>
<tr>
<td>clay</td>
<td></td>
</tr>
<tr>
<td>clay</td>
<td></td>
</tr>
<tr>
<td>sand</td>
<td></td>
</tr>
</tbody>
</table>

Water Well Log #168.

State of Montana 1st
County of [illegible] 1st
Filed [illegible] 29th day of [illegible], 1942
P.M.

[Signature]

By

Fee: None
<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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<tbody>
<tr>
<td>52</td>
<td>Boppels, Gerbertt</td>
<td>WELL</td>
<td>1227243</td>
<td></td>
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<tr>
<td>1</td>
<td>Norman Augustine</td>
<td>GW</td>
<td>127224</td>
<td></td>
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<td>2</td>
<td>Boey, Robert G.</td>
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<td>127228</td>
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<td>2</td>
<td>Boey, Kenneth D.</td>
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<td>127227</td>
<td></td>
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<td>6</td>
<td>Schilling, Paul</td>
<td>WELL</td>
<td>1227243</td>
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<td>14</td>
<td>Boey, L.J. Meade</td>
<td>GW</td>
<td>127224</td>
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<tr>
<td>18</td>
<td>Hapland, Elmer</td>
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<td>Schack, Arthur E.</td>
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<td>23</td>
<td>Buschler, Rudolph</td>
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<td>24</td>
<td>Boey, Floyd M.</td>
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<td>24</td>
<td>Buschler, Gerbertt</td>
<td>&quot;</td>
<td>123243</td>
<td></td>
</tr>
</tbody>
</table>
DeclaralioiT of Vested Groundwater Rights
(Under Chapter 21, Montana Session Laws, 1965)

1. August V. Normand of 2630 Normal Ave, Billings
   (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:

   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): 800 feet or approximately 1000 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:

   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: August V. Normand
Date: Aug 30 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.
<table>
<thead>
<tr>
<th>N</th>
<th></th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>W</td>
<td></td>
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</tbody>
</table>

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

**Robert L. Hene**

**Kerrone M. Hene**

(Name of Appropriator) (Address) (Town)

County of **Broadway**

State of **Montana**

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

1. The beneficial use on which the claim is based: **Household use and watering livestock**

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: **1911 Continuous since**

3. The amount of groundwater claimed (in miner's inches or gallons per minute): **25 gallons per minute**

4. 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**

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: **Cylinder pump, tiled, wood 30 ft. hand dug.**

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **1911**

7. The depth of water table: **30 ft.**

8. 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: **Hand dug, tiled & wood casing.**

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

10. The log of formations encountered in the drilling of each well if available: **No log available.**

11. 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:** **Kerrone M. Hene**

*Date: December 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.
Doc. No. 127248

Water Well Log 489

Robert L. & Elmore H. Beery

To

The Public

State Of Montana

County Of McCone

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of December, 1963, A.D.,
at 8:37 A.M.

Fee: $2.00

[Signature]

County Clerk

[Date]
<p>| | | | | | | | | | |</p>
<table>
<thead>
<tr>
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<td></td>
</tr>
</tbody>
</table>

1. **Kenneth E. Lucht** of **Titus**
   - **Address**: [Address]
   - **Town**: [Town]

   **County of**: [County]
   **State of**: [State]

   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: [Beneficial Use]

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

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

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: [Acreage]

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

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

8. The depth of water table: [Depth]

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: [Specifications]

10. The estimated amount of groundwater withdrawn each year: [Withdrawal Amount]

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

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: [Additional Information]

**Signature of Owner**: [Signature]

**Date**: [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.
DEC. NO.
WATER WELL NO FILE NO. 228

JOSEPH M. MIKKELSON

TO
THE PUBLIC

STATE OF MINNESOTA
COUNTY OF PRAIRIE
OFFICE OF COUNTY CLERK & RECORDER.

Filed this 6th day of February, 1964, A.D., at 4:25 o'clock p.m.

COUNTY CLERK

FEE PAID $2.00

ENGINEER
<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>County</td>
<td>Missoula</td>
</tr>
<tr>
<td>State Engineer</td>
<td>Montana</td>
</tr>
<tr>
<td>Water Well Log</td>
<td>Montana</td>
</tr>
<tr>
<td>Owner</td>
<td>R. A. Willing</td>
</tr>
<tr>
<td>Driller</td>
<td>R. A. Willing</td>
</tr>
<tr>
<td>Date Started</td>
<td>1931</td>
</tr>
<tr>
<td>Date Completed</td>
<td>1931</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 123 R. 49 T. 23 S. 49</td>
</tr>
<tr>
<td>Type of Well</td>
<td>Bored</td>
</tr>
<tr>
<td>Equipment Used</td>
<td>Churn drill</td>
</tr>
<tr>
<td>Water use</td>
<td>Irrigation</td>
</tr>
<tr>
<td>Casing:</td>
<td>0 ft. to 120 ft.</td>
</tr>
<tr>
<td>Casing:</td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td></td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Ft. 110 to Ft. 120</td>
</tr>
<tr>
<td>Static Water Level, for non-flowing well</td>
<td>60 feet</td>
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<tr>
<td>Shut-in pressure, for flowing well</td>
<td>10 lb./sq.in.</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>60 feet at 5 gal. per min.</td>
</tr>
<tr>
<td>How tested</td>
<td>Bailed Out</td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
</tr>
<tr>
<td>Remarks</td>
<td>Gravel packing, cementing, packers, type of shut-off, depth of shut-off</td>
</tr>
<tr>
<td><em>(over)</em></td>
<td></td>
</tr>
<tr>
<td>From</td>
<td>To</td>
</tr>
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<td>------</td>
<td>----</td>
</tr>
<tr>
<td>clay</td>
<td>clay</td>
</tr>
</tbody>
</table>
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Equipment Used</th>
<th>Owner</th>
<th>Address</th>
<th>Date Started</th>
<th>Date Completed</th>
<th>Location: Sec 23 R 49 T 62</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dug</td>
<td>Churn drill</td>
<td>Paul Schlumberger</td>
<td>Butte, Montana</td>
<td>1948</td>
<td>1948</td>
<td>Sec 23 R 49 T 62</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>

**Water use:**
- Domestic
- Stock
- Irrigation
- Municipal
- Industrial
- Drainage
- Other

**Casing:**
- Dug: 0 ft. to 160 ft. Type Pipe Size 4"
- Dug: 0 ft. to 120 ft. Type Pipe Size 6"
- Dug: 0 ft. to 120 ft. Type Pipe Size 12"

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

**Type of screen or perforations:**
- Grill

**Static Water level, for non-flowing well:** 60 feet

**Shut-in pressure, for flowing well:** 10 lb./sq.in.

**Pumping water level, B.G. ft. to Top, feet at 5 gal. per min:**

**How tested:**
- Bail and Pump

**Length of test:**

**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>
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<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td></td>
<td>clay</td>
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<tr>
<td></td>
<td>sand</td>
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</tbody>
</table>

Log of Well

Water Well Log # 166

State of Montana
County of McCone
Office of Clerk and Recorder.
Filed this 29th day of December, A.D. 1961
By: None
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Joint Tenants with right of survivorship

L. J. BERRY and MAUDE BERRY, as / of Wolf Point.

County of Roosevelt, State of Montana

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

2. The beneficial use on which the claim is based:
   Household use & watering livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   Approximately 1912; 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:
   Not used for irrigation.

   L. J. BERRY & Maude Berry, as Joint Tenants with right of survivorship.

6. The means of withdrawing such water from the ground and the location of each well or other works for withdrawal of groundwater:
   Cylinder pump, 18" tile casing.
   Hand dug, 18" tile casing, 11-23-49, Modene Co.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   Approximately 1912.

8. The depth of water table:
   24 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:
   28 ft, hand dug, 18" tile casing.

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

11. The log of formations encountered in the drilling of each well if available:
    No log 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: December 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 Appropriaor.
Docket No.: 127247

Water Well Log # 488

L. J. & Maude Beery

TO

The Public

State of Montana

County of Missoula

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of December, 1969 A.D.
at 8:31 A.M.

Fee: $2.00

[Signature]

County Clerk
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(john d. hoffland)

(under chapter 237, montana session laws, 1961)

DECLARATION OF VESTED GROUNDWATER RIGHTS

(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:

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.
WATER WELL LOG FILE NO. 504

HUMO HOPLAND

TO

THE PUBLIC.

STATE OF MONTANA
COUNTY OF McCONE

OFFICE OF COUNTY CLERK & RECORDER
Filed this 31st day of Dec., 1963 A.D.
at 8:47 o'clock, a.m.

Clerk's Signature

FEE: $2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Jawett M. Hofland
(Name of Appropriator)

County of McCona (Address) Town

STATE ENGINEER

I 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 ______ year round

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Average of 1000. Gals. per day

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pressure Pump and another ordinary well pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater One more well contemplated in 1954 for stock water

8. The depth of water table Approx. 70 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 16 inch hole, with wood casing

10. The estimated amount of groundwater withdrawn each year 365,000 gallons

11. The log of formations encountered in the drilling of each well if available Don't know

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record No record

Signature of Owner Jawett M. Hofland

Date Jan 1st, 1964

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
J. M. ROYLAND

TO

THE PUBLIC

STATE OF MONTANA

COUNTY OF WASHINGTON

OFFICE OF COUNTY CLERK & RECORDER

Filed this 3rd day of Jan., 1964 A.D.
at 4:40 o'clock, P.M.

COUNTY CLERK

FEB: 22.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Arthur E. Schrock
of

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.
WATER WELL LOG FILE NO. 463

ARTHUR H. SCHROCK

TO

THE PUBLIC

STATE OF MONTANA

COURT OF MECHE

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of Dec., 1963 A.D.
at 8:07 o'clock, a.m.

FEES: $2.00

COUNTY CLERK
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Arthur E. Schrock

County of Eddy

State of Montana

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

1. The beneficial use on which the claim is based. Drilling for water.

2. Date or approximate date of earliest beneficial use, and how continuous the use has been. After May 2, 1948.

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

4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 160 acres, 80 acres, and 80 acres.

5. Indicate point of appropriation and place of use, if possible. Drilling on farmstead.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1943.

8. The depth of water table. 45 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. Drilling on farmstead.

10. The estimated amount of groundwater withdrawn each year. 600,000 gal.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. No Records.

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.
DO NO. 127220

WATER WELL LOG FILE NO. 461

ARTHUR E. SCHOCK

TO

THE PUBLIC

STATE OF MONTANA
COUNTY OF ROOSEVELT

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of Dec., 1969 A.D.
at 8:05 o'clock, a.m.

SIGNED.

COUNTY CLERK

FILE ENGINEER

FEE: $2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Rudolph Russell, Cida
County: Montana
State of Montana

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

2. The beneficial use or which the claim is based: Domestic and Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1947

4. The amount of groundwater claimed in miner's inches or gallons per minute: 150

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 if 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: __________________________
Date: February 8, 1964

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Owner: **Bear's Land & Livestock Company**
Stock Company: ___________

Driller: **Moore Whitaker & Sons**
Address: Wolf Point, Montana

Date of Notice of Appropriation of Groundwater: **August 31, 1963**

Date well started: **August 31, 1963**
Date Completed: **August 31, 1963**

Drilled

Type of well: **Drilled**

Equipment Used: **Cable Tool**
(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>Inch</td>
<td>5/8 OD 15/8</td>
<td>0</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>64+ 6&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing Well**: 30 feet

**Shut-in Pressure for Flowing Well**

**Pumping Water Level**: 50 feet at 20 gal. per minute.

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

**How Tested**: **Builder**
**Length of Test**: 1/2 hr.

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

**Pipe Set in Rock**

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Berry's Land & Livestock Company
Address: Vida, Montana

Driller: Boones Rendering Co.
Address: Wolf Point, Montana

Date of Notice of Appropriation of Groundwater: August 30, 1963

Date well started: August 30, 1963
Date Completed: August 31, 1963

Type of well: Drilled
Equipment Used: Cable Tool
(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>Size of Bored Hole</th>
<th>Size and Weight of Casing</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 inch</td>
<td>152# 52</td>
<td>0</td>
<td>50</td>
<td>Cutting Torch</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
<td>40</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>50</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 26 feet.
Shut-in Pressure for Flowing Well: 50 feet at 10 gal. per minute.
Pumping Water Level: 50 feet.
Discharge in gal. per min. of flowing well: 20 gal.

How Tested: Bailor Length of Test: 20 min.

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)

Gravel Pack on the Outside to 20 feet.
Balance plugged with clay

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.
WATER WELLS LOG 4 239

State of Montana
County of McCone
Office of Clerk and Recorder.

Filed this 9th day of October A.D. 1880

By

Clerk and Recorder

Fee...$2.50
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

**STATE ENGINEER**

**Declaration of Vested Groundwater Rights**

(Name of Approporator)  
(Address)  
(Town)  
County of  
State of

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

1. The point of appropriation and place of use, if possible.  
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:  

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

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 Approporator.
WATER WELL LOG FILE NO. 662

ARTHUR W. SCHROCK

TO

THE PUBLIC

STATE OF MONTANA

COUNTY OF McCONE

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of Dec., 1963 A.D.
at 8:06 o'clock, a.m.

[Signature]
COUNTY CLERK

FEE: $2.00
<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 120 ft.</th>
<th>Type:</th>
<th>Steel</th>
<th>Size:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td></td>
<td>Type:</td>
<td></td>
<td>Size:</td>
</tr>
<tr>
<td>Casing:</td>
<td></td>
<td>Type:</td>
<td></td>
<td>Size:</td>
</tr>
</tbody>
</table>

Type of screen or perforations: Perforated

Static water level, for non-flowing well: 10 feet

Shut-in pressure, for flowing well: 1 lb./sq.in.

Pumping water level: 140 feet at 7 gal. per min. (date)

How tested: Lift Test

Length of test: 1 hr.

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

Only last 40 feet tested

Gravel packing: Third
### Log of Well

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>140</td>
<td>Later Blue Clay</td>
</tr>
<tr>
<td>40</td>
<td>170</td>
<td>Water Bearing Sand</td>
</tr>
</tbody>
</table>

123410

Water Well Log # 130

State of Montana
County of McCone
Office of Clerk and Recorder
Filed Dec. 29th, 1961

By: Deputy

Deputy
## Montana Bureau of Mines and Geology

**State Engineer**

### Water Well Log

**Owner**
- Address: 

**Driller**
- Address: 

**Date Started**
- Dec. 1935

**Date Completed**
- Dec. 1936

**Location**
- Sec. 28, T. 23, R. 79, M. W. N. E.

### Type of Well
- **Bore**

### Equipment Used
- **Pneumatic Drill**

### Water Use
- **Domestic**
- **Stock**
- **Irrigation**
- **Industrial**
- **Drainage**

### Casing
- **0 ft. to 60 ft.**
  - Type: 
  - Size: 

- **60 ft. to 120 ft.**
  - Type: 
  - Size: 

- **120 ft. to 180 ft.**
  - Type: 
  - Size: 

### Perforated or Screened
- **14 ft. to 16 ft.**
  - Type: 
  - Size: 

### Static Water Level
- For non-flowing well:
  - 14 ft.

### Shut-in Pressure
- For flowing well:
  - 1 lb/sq.in.

### Pumping Water Level
- 15 ft.

### How Tested
- **Hand-Pumped**

### Length of Test
- 2 hrs.

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

**Hand-pumping yielded good water.**

<table>
<thead>
<tr>
<th>Remarks</th>
<th>(over)</th>
</tr>
</thead>
</table>
## Log of Well

<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>148</td>
<td>Blue Marine Clay</td>
</tr>
<tr>
<td></td>
<td>148</td>
<td>160</td>
<td>Water Sealing Sand</td>
</tr>
</tbody>
</table>

---

**Water Well Log #156**

---

State of Montana  
County of Missoula  
Office of Clerk and Recorder  

**Filed on** 29th day of December, A.D. 1951  
**at** 2:32 p.m.  
**By**  

**Feasibility**  

---

**Acknowledgment**

---

**Signature**
<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Drill, Equipment Used</th>
<th>Churn drill, rotary, other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use: Domestic</td>
<td>Municipal</td>
<td>Stock</td>
</tr>
<tr>
<td>Casing: 0 ft. to 15 ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>Casing: ft. to ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>Perforated or Screened: Ft. to ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>Type of screen or perforations: Latticed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>feet</td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq.in.</td>
<td>(date)</td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>feet at gal. per min</td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td>ft.</td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(xerox copy)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 130</td>
<td></td>
<td></td>
<td>Slate and blue clay</td>
</tr>
<tr>
<td>130 - 156</td>
<td></td>
<td></td>
<td>Water bearing silty sand</td>
</tr>
</tbody>
</table>

Water Well Log # 155

State of Montana  I
County of McCone  I
City of Clerk and Recorder  I
Filed this day of December A.D. 1964
at 2:30 o'clock

By:  Deputy
Fee: None
WATER WELL LOG

Owner: Gerhardt Buehler
Address: Vida, Montana
Driller: B. W. Whitmer
Address: Circle, Montana
Date Started: March 15, 1956
Date Completed: March 17, 1956
Location: Sec. 21, T. 33, R. 42, W. 1/4 sec. SNSW:

<table>
<thead>
<tr>
<th>Type of well: Drilled</th>
<th>Equipment used: Drill</th>
</tr>
</thead>
</table>

Water use: Domestic [x] Municipal [ ] Stock [ ] Irrigation [ ]

| Casing: 100 ft. to [ ] ft. Type: Steel casing Size: 6 in. |
| Casing: [ ] ft. to [ ] ft. Type: [ ] Size: [ ] |

Perforated or Screened: Ft. to Ft. Type: [ ] Size: [ ]

Type of screen or perforations:

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)

[Signature] (over)
## Log of Well

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<tr>
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<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Description of Material Drilled**

---

**DEC. NO.** 123343

**WATER WELL LOG FILE NO.** 91

- **State of Montana**: Mt.
- **County of McCone**: 
- **Office of Clerk and Recorder**: 
- **Filed this** 28th **day of** December **A.D.** 1961
- **at** 21:40 **o'clock** P.M.

**Clerk and Recorder**

- **By** None
- **Fee** None
<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>4</td>
<td>Paulkurst, Leonard</td>
<td>GW H</td>
<td>127766</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>&quot;</td>
<td>H</td>
<td>127970</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>&quot;</td>
<td>H</td>
<td>127121</td>
<td></td>
</tr>
<tr>
<td>55</td>
<td>&quot;</td>
<td>H</td>
<td>127666</td>
<td></td>
</tr>
<tr>
<td>76</td>
<td>Paulkurst, Wolmer</td>
<td>GW H</td>
<td>129557</td>
<td></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)

STATE ENGINEER

Leonard Pavlenski
of Czech Montana
County of Teton
State of Montana

I 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 and Drilling

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 11/1/1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 3 gal

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 11-1-1961

8. The depth of water table: 209 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: Art Annable

10. The estimated amount of groundwater withdrawn each year: 50,000 gal

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

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: Leonard Pavlenski
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 Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
LEONARD PAWLOWSKI

TO

THE PUBLIC

STATE OF MONTANA )
COUNTY OF McCONE )

OFFICE OF COUNTY CLERK & RECORDER

Filed this 27th day of Dec, 1963, A.D.
at 8:20 o'clock a.m.

FEE $ 2.00

COUNTY CLERK
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Leonard Pawlowski
(Name of Appropriator) of
(Address)
County of
(Town)

STATE ENGINEER

Declaration of Vested Groundwater Rights

I, 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—Individual and Household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been—1956 Continuously

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

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

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—1856

8. The depth of water table—60 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—Not Available

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

11. The log of formations encountered in the drilling of each well if available—Not Available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record—Not Available

Signature of Owner—Leonard Pawlowski
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 Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
DOC. NO. 127970

WATER WELL LOG FILE NO. 396

LEONARD PAMLOWSKI

TO

THE PUBLIC

STATE OF MONTANA )

COUNTY OF HILL )

OFFICE OF COUNTY CLERK & RECORDER

Filed this 27th day of Dec. 1963 A.D.
at 8:30 o'clock a.m.

$2.00
<table>
<thead>
<tr>
<th><strong>Declaration of Vested Groundwater Rights</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>(Under Chapter 237, Montana Session Laws, 1961)</strong></td>
</tr>
<tr>
<td><strong>STATE OF MONTANA</strong></td>
</tr>
<tr>
<td><strong>ADMINISTRATOR OF GROUNDWATER CODE</strong></td>
</tr>
<tr>
<td><strong>OFFICE OF STATE ENGINEER</strong></td>
</tr>
<tr>
<td><strong>Leonard Pantowski</strong></td>
</tr>
<tr>
<td><strong>(Name of Appropriator)</strong></td>
</tr>
<tr>
<td><strong>Cirile</strong></td>
</tr>
<tr>
<td><strong>(Address)</strong></td>
</tr>
<tr>
<td><strong>Cirile</strong></td>
</tr>
<tr>
<td><strong>(Town)</strong></td>
</tr>
<tr>
<td><strong>County of</strong></td>
</tr>
<tr>
<td><strong>Cirile</strong></td>
</tr>
<tr>
<td><strong>State of</strong></td>
</tr>
<tr>
<td><strong>Montana</strong></td>
</tr>
<tr>
<td><strong>have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:</strong></td>
</tr>
</tbody>
</table>

| 1. **Date or approximate date of earliest beneficial use:** | January 16, 1954 |
| 2. **Beneficial use on which the claim is based:** |
| 3. **Continued** |
| 4. **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. **Means of withdrawing such water from the ground and the location of each well or other means of withdrawal:** |
| 7. **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. **If 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. **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:** Leonard Pantowski

**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 Montana Bureau of Mines and Geology; and quadruplicate for the Appropriator.