# Drilling Log

**Driller** - HICKEL & TOKE DRILLING CO. - Turner, Montana  
Montana Drilling License No. 196  
Driller – Burchard J. Windel's  
Owner - Burchard Windel  
Address - Hogeland, Mont  
Date well started: 12/12/21  
Date Completed: 12/28/21

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

### formations

<table>
<thead>
<tr>
<th>Depth</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-2</td>
<td>Top</td>
</tr>
<tr>
<td>2-9</td>
<td>Clay &amp; Rocks</td>
</tr>
<tr>
<td>9-11</td>
<td>Gravel</td>
</tr>
<tr>
<td>11-38</td>
<td>Light Sandy Clay</td>
</tr>
<tr>
<td>38-58</td>
<td>Gravel</td>
</tr>
<tr>
<td>58-64</td>
<td>Water &amp; Gravel + Sand</td>
</tr>
<tr>
<td>64-66</td>
<td>Gray Clay</td>
</tr>
</tbody>
</table>

### Static Water Level for non-flowing Well
- 46 feet

### Shut-in Pressure for Flowing Well

### Pumping Water Level
- 50 feet at 15 gal. per minute.

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

### How Tested
- Bailer  
- Length of Test: 3 hr.

### Remarks:

### Formations

<table>
<thead>
<tr>
<th>Township</th>
<th>Range</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>28</td>
<td>26</td>
</tr>
</tbody>
</table>

**Doc. No.** 968825  
Filed for records on January 3rd, 1922

Driller’s Signature  
49,665
RAYMOND + MARION WINDERS
HOBELAND MT. 59529

County: "Shane"

Date Started: June 15, 1947
Date Completed: June 21, 1947

Location: Sec. 35, T. 35N, R. 23E, 1/4 sec. 4

Type of well: Drilled
Equipment used: Churn drill

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

Casing: Surface ft. to 210 ft. Type, Length, Size:
Casing: 210 ft. to 270 ft. Type, Length, Size:
Casing: 270 ft. to Type, Length, Size:
Perforated or Screened: Ft. to Ft. Type, Length, Size:

Type of screen or perforations:

Static Water level, for non-flowing well: Approximately at ...feet.
Shut-in pressure, for flowing well: ....... lb./sq. in. on: (date)
Pumping water level: ....... feet at ....... gal. per min.

How tested:
Length of test:

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

(over)
### WATER WELL LOG

**Owner:** J. J. Gates  
**Address:** 1702 2nd Ave.

**Driller:** J. W. Dwire  
**Address:** Helena, Mont.

**Date Started:** June 15, 1947  
**Date Completed:** June 21, 1947

**Location:** Sec. 35, T. 25 N., R. 23 E., 1/4 sec. 1, June

---

**Type of well:** Drilled  
**Equipment used:** Rotary drill

**Water use:** Stock

**Industrial**  
**Drainage**  
**Other:**

---

**Casing:**  
- Surface to 210 ft.: Steel, 4 1/2 in.  
- 210 ft. to 270 ft.: Steel, 4 1/2 in.

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

**Type of screen or perforations:**

**Static Water level, for non-flowing well:** 110 ft.

**Shut-in pressure, for flowing well:** 110 lb./sq. in. on: (date)

**Pumping water level:** 110 feet at 2:00 P.M.

**Gal. per min.:**

**How tested:**

**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, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>3'</td>
<td>Clay and gravel, with a fine shale.</td>
</tr>
<tr>
<td>93'</td>
<td>Ledge of chalk.</td>
</tr>
<tr>
<td>103'</td>
<td>Ledge of grocery, giving way, had a one-time run a water bearing strata.</td>
</tr>
<tr>
<td>13' 236'</td>
<td>Bear Run Shale.</td>
</tr>
<tr>
<td>25' 25 1/2</td>
<td>Rock.</td>
</tr>
<tr>
<td>25 1/2 276'</td>
<td>Bear Run Shale, General Mended.</td>
</tr>
</tbody>
</table>

There was no moisture encountered to 250 feet, then a thin and was perforated, sipsage started, and a

Great fire was encountered, so work suspended. The well was completed at 276 feet. That Bear

Run Shale, at the depth of 250 feet. Then supply of

Water was exhausted, and 3 feet lengths of tin

Ledge 3/4's inch casing was furnished and, as it was impossible to think, the pipe was dropped down the Middle of that run, reaching the bottom of

hole, to near the casing. After about 150 feet the water was very soft, apparently

alkaline and good for washing. Water has been

used for stock and has more diminished in

quantity. Hardwood has been force for pumping.
<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>1</td>
<td>ANDERSON, ALBERT A.</td>
<td></td>
<td>252023</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>KRASS, HARLAN</td>
<td>GW-2</td>
<td>272393</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>KRASS, HARLAN</td>
<td>GW-2</td>
<td>272394</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>KRASS, HARLAN</td>
<td>GW-2</td>
<td>272395</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>KRASS, HARLAN</td>
<td>GW-2</td>
<td>272396</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>MCEWILLIAM, GEORGE G.</td>
<td></td>
<td>251677</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>WING, WALLIE C.</td>
<td></td>
<td>252106</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>BOKROMAN, CHESTER A.</td>
<td></td>
<td>252121</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>RUMBAKER, JOHN F.</td>
<td>WELL LOE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>RAPPEL, CROOY</td>
<td>WELL LOE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>ANDERSON, ALBERT A.</td>
<td></td>
<td>252023</td>
<td>SEE SEC. 1</td>
</tr>
<tr>
<td>12</td>
<td>LAROY, AARON</td>
<td></td>
<td>252144</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>JOHNSON, S.</td>
<td></td>
<td>253260</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>TRUJILLO, CLAYTON</td>
<td></td>
<td>252100</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>ANDERSON, NORMAN V.</td>
<td></td>
<td>252430</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>RUDOLPH, CHARLES E.</td>
<td></td>
<td>252698</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>BEVERIDGE, AUSTIN</td>
<td>GW-2</td>
<td>257699</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>RILEY, JOHN</td>
<td>GW-2</td>
<td>244135</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>PICKT, J. GEORGE ALEX</td>
<td></td>
<td>254820</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>RUDOLPH, CAROL O.</td>
<td></td>
<td>252089</td>
<td>SEE SEC. 26</td>
</tr>
</tbody>
</table>
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1951)

Albert A. Anderson

(County of) (Address) (Town)

have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1952, as follows:

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

<table>
<thead>
<tr>
<th></th>
<th>For Reservoirs</th>
<th>For Household and Livestock</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>From 1850</th>
<th>From 1860</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>Gallons per minute</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th></th>
<th>Acreage</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>Date</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The depth of water table:

<table>
<thead>
<tr>
<th></th>
<th>Depth</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>about 36 feet</td>
<td>about 36 feet</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>Type and size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

The estimated amount of groundwater withdrawn each year:

<table>
<thead>
<tr>
<th></th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

The log of formation encountered in the drilling of each well if available:

<table>
<thead>
<tr>
<th></th>
<th>Log</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th></th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

STATE OF MONTANA

COUNTY OF

On this 1st day of January, 1952, before me, an officer duly appointed for the purpose, came

Albert A. Anderson

(County of) (Address) (Town)

having first been duly sworn, depose, and say that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he does know the contents of said foregoing notice and that the matters and things therein stated are true.

Signature of Owner

Albert A. Anderson

Data: December 30, 1952

[Stamp]
STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 30th DAY
OF AUGUST A.D. 1963
AT 9:35 A.M.

O. L. DIAMOND
COUNTY CLERK

E. J. JACOBS
DEPUTY
# STATE OF MONTANA

## ADMINISTRATOR OF GROUNDWATER CODE

## MONTANA WATER RESOURCES BOARD

### NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

**Developed after January 1, 1962**

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

**Owner:** Harlan Kane

**Address:** Hereford

**Date well started:** 6-12-73

**Date well completed:** 6-20-73

**Type of well:** Drilled

**Equipment used:** Roto-Tiller

**Water Use:** Domestic [ ] Municipal [ ] Stock [ ] Irrigation [x] 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:** 160 Acres

### ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole (Feet)</th>
<th>Size and Width of Casing (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kinds of Perforations</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>36</td>
<td>14&quot;</td>
<td>Top 25&quot;</td>
<td></td>
<td>2-1/2&quot;</td>
<td>2-1/2&quot;</td>
<td>4-1&quot;</td>
</tr>
</tbody>
</table>

### Indicate Location of Well and Place of Use, If Possible

- **Static water level:** 11 ft.*
- **Pumping water level:** 26 ft.*
- **at:** 200 gallons per minute, measured 5 minutes after pumping began.

*Measured from ground level.

**Well developed by:** for 36 hours.

Power: 5 H.P. Pump: 3 HP

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

**Indicate Location of Well and Place of Use, If Possible. Each Small Square Represents 40 Acres.**

**Driller's Signature:**

**Driller's Address:** Hereford, Montana

**License No.:**

**Show exact depth of bottom:** 40 ft.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)
This form to be prepared by driller, and three copies to be filed by
the owner with the County Clerk and Recorder in the county in
which the well is located. Last copy to be retained by driller.
Please answer all questions. If not applicable, so state, otherwise
the form may be returned.

Owner: [Name]
Address: [Address]
Date well started: Oct 61
Type of well: [Type]
Equipment used: [Type]
Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

Estimate annual withdrawal

<table>
<thead>
<tr>
<th>Size of</th>
<th>Light and</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled Hole</td>
<td>Foot</td>
<td>Foot</td>
<td></td>
</tr>
</tbody>
</table>

6" 6" 0

Pumping water level [ ] ft. at [ ] gallons per minute, measured [ ] minutes after pumping began.

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

Indicate location of well and place of use, if possible.

Driller's Signature: [Signature]
Driller's Address: [Address]
License No: [License No]

Show exact depth of bottom: [Depth]

County: [County]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

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

Owner: HARLAN KRAE
Address: MONT
Date well started: AUG 71
Completed: AUG 71
Type of well: Drilled
Equipment used: Churn drill
Water Use: Domestic [ ] Municipal [ ] Stock [X] 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 (e.g. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL: 75,000

<table>
<thead>
<tr>
<th>Size of Hole</th>
<th>Size and Weight of Casing</th>
<th>Feet</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>8&quot;</td>
<td>0'</td>
<td>40'</td>
</tr>
</tbody>
</table>

PERFORATIONS

<table>
<thead>
<tr>
<th>Hole No</th>
<th>Feet</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>125</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 25 ft. Pumping water level: 25 ft. at 25 gallons per minute, measured 2 minutes after pumping began.

*Measured from ground level. Well developed by for ______ hours.

Power: Pump ______ HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature: ROBERT J. TROTZ JR
Driller's Address: TWIN FALLS, ID

LICENSE NO. 191

---

COUNTY: BLAINE

---

Top of Ground

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>60</td>
<td>20</td>
<td>40</td>
</tr>
</tbody>
</table>

Show exact depth of bottom
STATE OF MONTANA
County of Blaine
Filed for record this 29 Day
of June A.D. 1976
At 2:53 P.M.

County Clerk

Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

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

Owner: "Helen Klass"
Address: "Hocelan"

Date well started: "Nov 1, 1971"
Date well completed: "Nov 1, 1971"

Type of well: "drilled"
Equipment used: "auger"

Water Use: "Irrigation"

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 Borehole</th>
<th>Size and Weight of Pipe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: "12 ft."
Pumping water level: "12 ft."
at: "45 gallons per minute, measured 10 minutes after pumping began.

*Mixed from ground level.
Well developed by: "10 hours.
Power: "1/2 HP Pump.
Remarks: (Gravel packing, cementing, packers, type of shutoff)"

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

Each small square represents 40 acres.

Driller's Address: "Hocelan"
Driller's Signature: "John Klass"

LICENSE NO.:

Show exact depth of bottom: "45"
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

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

Owner: Harken Knall
Address: Hoge Ln. Mtn
Date well started: 6-1-73
Completed: 6-10-73
Type of well: Drilled
Equipment used: RoTari
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). 32.04. Used w/2 other wells

ESTIMATED ANNUAL WITHDRAWAL: 80 AC. M3.quot; DAY

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Rise and Weight of Drilling</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind Size</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>36&quot; 1/2&quot; D 3/4&quot;</td>
<td></td>
<td></td>
<td></td>
<td>.100</td>
<td></td>
<td>.110</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>.150</td>
<td></td>
<td>.160</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 52 ft.
Pumping water level: 52 ft.
Water developed by: 3 hours.
Power: 1/4 HP. Remarks: Gravel packing, cementing, packers, type of shutoff.

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

Driller's Signature: Harken Knall
Driller's Address: Hoge Ln. Mtn

Show exact depth of bottom: 54 ft.
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1.  **Name of Appropriator**: J. McElhenny
   **County of Appropriator**: Blaine
   **State of**: Montana

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

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

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

2.  **The beneficial use on which the claim is based**: Stock & Homestead

3.  **Date or approximate date of earliest beneficial use; and how continuous the use has been**: 1940 – Continuous

4.  **The amount of groundwater claimed (in inches or gallons per minute)**: 5 gpm

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**: Started about Nov. 1955

8.  **The depth of water table**: Approx. 20

9.  **So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater**: Depth of each well: 72

10.  **The estimated amount of groundwater withdrawn each year**: 3 or 4 million gallons

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

12.  **Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record**:

   - **Signature of Appropriate**: George J. McElhenny
     **Date**: Dec. 16, 1965

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

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

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

FILED FOR RECORD THIS 16 DAY
OF December A. D. 1967
AT 3:00 O'CLOCK P.M.

Ethan Shee
COUNTY CLERK

DEPUTY
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1951)

John G. Wyz, of, Hagedorn
(Name of Appropriator) (Address) (Town)

County of, State of Montana,

have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1952, as follows:

2. The beneficial use on which the claim is based:
   - 1. For household and 2. and 3. For stock water
   - 1. For stock water

3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
   - All since 1920 except 1920 to 1925

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   - 100 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:

   - The small square represents a. The means of withdrawing water from the ground and the location of each well or other means of withdrawal:
     - Electric, for purpose: All on windmill

   - The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
     - 1920.01.01.

   - The depth of water table:
     - 50.00 ft.

   - So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
     - 41.49, 1st well: 2 and 1/2 inch steel casing 21/2 inch wood casing

   - The estimated amount of groundwater withdrawn each year:
     - Continuous use

   - The log of formation encountered in the drilling of each well if available:

   - Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:

   - Signature of Owner: ____________________________

   - Date of Montana: January 6, 1964

   - Signature of Person having first been duly sworn, deposed, and as a lawful age and... the appropriator... and claimant... of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person... whose name is subscribed thereto, as the appropriator... and claimant... that... the... knows... the contents of said foregoing notice and that the matters and things therein stated are true.

   - Signature: ____________________________
STATE OF MONTANA
County of Blaine
FILED FOR RECORD THIS 31 DAY
OF December, A. D. 1963
AT 2:00 8'O'CLOCK P.M.

[Signature]
COUNTY CLERK

[Signature]
DEPUTY
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Chester A. Boardman
   (Name of Appropriator)
   212 W. 1st St.
   (Address)
   Great Falls, Montana
   (Town)
   County of Blaine
   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 household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   #1 - 1915
   #2 - 1920
   #1 continues to 1962
   #2 1961

4. The amount of groundwater claimed, (in miner's inches or gallons per minute)
   #1 3,000
gpm
   #2 2,000
gpm

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
   Electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   #1 1915
   #2 1920

8. The depth of water table
   #1 80'
   #2 27'

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 6" steel casing
   #2 36" 38 concrete casing

10. The estimated amount of groundwater withdrawn each year

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date 12-31-63

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

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

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

FILED FOR RECORD THIS 31st DAY
OF DECEMBER A.D. 1963
AT 3:49 O'CLOCK P.M.

CARRIE L. HARRISON
COUNTY CLERK

DEPUTY
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: John R. Billmeyer
Address: Stegeland

Driller: Self
Address:

Date Started: April 27, 1957
Date Completed: April 30, 1957

Location: Sec. 9 T. 35 R. 74 1/4N., 4th. merid., Butte County

Type of well: Drilled
Equipment used: Churn drill, rotary, other

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

Industrial [ ] Drainage [ ] Other: [ ]

Casing: Top to 50 ft. Type: Solid Size: 16"

Casing: 50 ft. to 60 ft. Type: Perforated Size: 16"

Perforated or Screened: Ft. to Ft. Ft. to Ft.

Type of screen or perforations: 

Static Water level, for non-flowing well: 50 feet

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

Pumping water level: feet at gal. per min.

How tested: Turbine pump

Length of test: 8' 1/2" run

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

Gravel packed, 36" hole drilled. Hole quit 3.15 inches water, over 160 A. as for this year.

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ft. - 25 ft.</td>
<td>overburden clay</td>
</tr>
<tr>
<td>25 ft. - 35 ft.</td>
<td>until gravel</td>
</tr>
<tr>
<td>35 ft. - 65 ft.</td>
<td>sand &amp; gravel</td>
</tr>
</tbody>
</table>

Log of Well

FILED

Jul 10 1957
COUNTY RECORDER
REITY
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Ordway Pfeifer  Address: Highland, Mont.
Driller:  Address:  

Date Started:  Date Completed: 1915  
Location: Sec.  R.  T.  24  

Type of well:  Equipment used:  

Water use: Domestic  Municipal  Stock  Irrigation  
Industrial  Drainage  Other:  

Casing:

<table>
<thead>
<tr>
<th>Depth</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>ft. to 36.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ft. to</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ft. to</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Perforated or Screened: Ft. to Ft. to Ft. to Ft.

Type of screen or perforations:  

Static Water level, for non-flowing well: 15.25 ft. below platform feet.  
Shut-in pressure, for flowing well:  lb./sq. in. on: (date)  
Pumping water level: feet at gal. per min.  

How tested:  
Length of test:  

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

(over)
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Aaron Sacoft, of Hageland
   (Name of Appropriator)
   (Address)
   (Town)
   County of Blaine
   (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
   Household
   Irrigation

3. Date or approximate date of earliest beneficial use and how continuous the use has been
   Irrigation wells 1946
   Other wells 1940 on

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

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
   Wells
   Pumps

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

8. The depth of water table
   20 to 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
   Irrigation wells
   Other works

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: Aaron Sacoft
Date: 12-31-43

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 Blaine

FILED FOR RECORD THIS _DAY
OF ________________ A.D. __________
AT _______________ O'CLOCK __M.

[Signature]
CLERK

[Signature]
DEPUTY
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Elvin Johnson, of Hayford
   (Name of Appropriafor) (Address) (Town)
   County of Blaine, State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

3. 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:
   Sept. 1, 1911

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

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:
   Electric jet pump located at tower

7. The date of commencement or completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   May 5, 1948

8. The depth of water table:
   22 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:
   gravel and sand

10. The estimated amount of groundwater withdrawn each year:
    16,000 gpd

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: Elvin Johnson
Date: Oct. 11, 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 Blaine

FILED FOR RECORD THIS ________________ DAY
OF ________________ A. D. 1962
AT ________________ O’CLOCK ________________ P. M.

[Signature]

Clerk

25320
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1951)

Clayton Irwin
(Name of Appropriator)

County of
(State of Montana)

have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1951, 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 miners 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 date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater

7. The depth of water table

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

9. The estimated amount of groundwater withdrawn each year

10. The log of formation encountered in the drilling of each well if 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

Signature of Owner

State of Montana
County of

Date: December 31, 1961

having first been duly sworn, do say that I, the approrriator, and claimant, and the person whose name is subscribed thereto, as the approrriator, and claimant, do know the contents of said foregoing notice and that the matters and things therein stated are true.

21440
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1951)

 County of ______________________ State of ______________________
 have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1952, as follows:

<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.</td>
<td>The beneficial use on which the claim is based</td>
</tr>
<tr>
<td>3.</td>
<td>Date or approximate date of earliest beneficial use, and how continuous the use has been</td>
</tr>
<tr>
<td>4.</td>
<td>The amount of groundwater claimed (in miner's inches or gallons per minute)</td>
</tr>
<tr>
<td>5.</td>
<td>If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof</td>
</tr>
</tbody>
</table>

The means of withdrawing such water from the ground and the location of each well or other means of withdrawal come to be known:

The estimated amount of groundwater withdrawn each year...

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

Such other information of a similar nature as may be useful in carrying out the purpose of this act, including reference to book and page of any county record...

Date of宣誓和证明：

[Signature of Owner]
STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 20 DAY
OF December A. D. 1963
AT 2:30 O'CLOCK P.M.

Dee. E. Thompson
COUNTY CLERK

Deputy
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1931)

Carroll Donald Enright, of, Hangland, (Address) (Town)
County of, Missoula, State of Montana.

have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1952, as follows:

2. The beneficial use on which the claim is based:
   Household and Ranch

3. Date or approximate date of earliest beneficial use:
   Prior to 1956 Continuous Use

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:
   acres

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

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

   The depth of water table:
   #2. 20 feet

   The log of formation encountered in the drilling of each well if available:
   "Not available"

   Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:

Signature of Owner:

DATE OF MONTANA } 5s.
County of, Missoula }
Date, November 21, 1949
having first been duly sworn, deposer in the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name subscribed thereto, as the appropriator and claimant, that he,... know, the contents of said foregoing notice and that the matters and things therein stated are true.

21939
STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS DAY OF A. D. 19__

AT O'CLOCK M.

[Signature]
COUNTY CLERK

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Justin Baugh
Address: Hope, Mont.
Driller: Bill Meyer
Address: Hope, Mont.

Date of Notice of Appropriation of Groundwater

Date well started: Dec. 17, 1962
Date completed: Dec. 17, 1962

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

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>6&quot; 1/2</td>
<td>Top 70</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 52 feet.

Shut-in Pressure for Flowing Well:.

Pumping Water Level: 60 feet at 5 gal. per minute.

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

How Tested: 

Length of Test: 3 1/2.

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).

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

Show exact depth of bottom.

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

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

Owner: Billingsley
Address: Hoigland

Driller: Billingsley
Address: Hoigland

Date of Notice of Appropriation of Groundwater: June 20, 1967
Date well started: June 20, 1967
Date Completed: June 27, 1967

Type of well: Drilled
Equipment Used: Churn drill, rotary or other

Water Use: Domestic ☐ Municipal ☐ Stock ☑ Irrigation ☑
Industrial ☐ Drainage ☐ Other ☐

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

<table>
<thead>
<tr>
<th>Size of Bored Hole</th>
<th>Fits and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot; x 1/4&quot; Gal.</td>
<td>TOP</td>
<td>65</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 55 feet.
Shut-in Pressure for Flowing Well: 50 feet at 5 gallons per minute.
Pumping Water Level: 60 feet at 5 gal. per minute.
Discharge in gal. per min. of flowing well: 5.
How Tested: Static, Pumping, Length of Test: 5

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)

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

Show exact depth of bottom.

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
County of Blaine

Filed for Record this 27th Day of January, A. D. 19-6-
AT 11.00 A. M.

County Clerk
Deputy
**Declaration of Vested Groundwater Rights**

(Under Chapter 275, Montana Session Laws, 1961)

**STATE ENGINEER**

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address (Town)</th>
<th>County of Appropriation</th>
<th>State of Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>L. J. George Wilson</td>
<td>Pitch, Harlem</td>
<td>Gallatin</td>
<td>Montana</td>
</tr>
</tbody>
</table>

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 & Domestic Use.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1920-1930-Continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 gpm in each well.

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: 1. 15 ft. deep. 2. 10 ft. deep. 3. 15 ft. deep.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1920-1925-1933-1944.

8. The depth of water table: 16 to 17 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: 25 ft. deep. 30 ft. deep. 35 ft. deep. 40 ft. deep.

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

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:...

Signature of Owner: [Signature]

Date: Dec. 17-43

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. Duplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 19 DAY
OF December A.D. 1963
AT 11:05 O'CLOCK A.M.

[Signature]
Clerk
COUNTY CLERK

[Signature]
DEPUTY
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>HALVORSON, BERNARD D.</td>
<td></td>
<td>252058</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>HALVORSON, VERNON</td>
<td></td>
<td>252057</td>
<td>SAME FORM</td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td>252057</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>HAUGE, ART</td>
<td>WELL LOG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>AMMEN, GEORGE A.</td>
<td></td>
<td>252081</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>MOHAR, WIT</td>
<td>GW-2</td>
<td>251945</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>HALVORSON, VERNON</td>
<td></td>
<td>252057</td>
<td>SEC Sec. 2</td>
</tr>
<tr>
<td>23</td>
<td>AMMEN, GEORGE A.</td>
<td></td>
<td>252081</td>
<td>SEC Sec. 13</td>
</tr>
<tr>
<td>24</td>
<td></td>
<td></td>
<td>252081</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>MOHAR, WIT</td>
<td>GW-2</td>
<td>255524</td>
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</tr>
<tr>
<td>29</td>
<td>MOHAR, WIT</td>
<td>GW-2</td>
<td>257271</td>
<td></td>
</tr>
</tbody>
</table>
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1951)

0. [Name of Appropriator], of [Address] (Town),
   County of [County], State of Montana,
   have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1952, as follows:

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

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. [Diagram or map showing location of wells and other means of withdrawal, with acreage indicated.]

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

11. The log of formation 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 policies of this act, including references to book and page of any county record.

County of Montana

[Signature of Owner] Having first been duly sworn, do declare and state that the contents of said foregoing notice and that the matters and things therein stated are true.

[County Seal]

[Date]

[Name of Owner]
STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 30 DAY
OF December A. D. 1963
AT o'clock M.

COUNTY CLERK

DEPUTY
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1951)

Vernon Helverson, of Therby, (Address) (Town)
County of Butte, State of Montana

have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1952, as follows:

2. The beneficial use on which the claim is based:
   - Household and stock water
   - Irrigation

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

4. The amount of groundwater claimed (in minor’s inches or gallons per minute):
   - 43.190, 39.150, and 43.190

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:

   The means of withdrawing such water from the ground, the location of each well or other means of withdrawal:
   - All others have 1150 pump

   The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - Same as 3.

   The depth of water table:
   - 43-400 feet, 43-405 feet, 43-405 feet, 43-405 feet, and 43-405 feet

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

   The estimated amount of groundwater withdrawn each year, and during grazing season:

   The log of formation encountered in the drilling of each well if available:

   Such other information of a similar nature as may be useful in carrying out the purpose of this act, including reference to book and page of any county record:

Signature of Owner: Vernon Helverson

Date of Montana: December 19, 1952

having first been duly sworn, depose, and say:

that he of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose names subscribed thereto, as the appropriator and claimant, that he, unknown, the contents of said foregoing notice and that the matters and things therein stated are true.
STATE OF MONTANA
County of Blaine

Filed for Record this 20th Day
of December A.D. 1963
At 1:00 O'clock P.M.

[Signature]
COUNTY CLERK

[Signature]
DEPUTY
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Art Hauge</th>
<th>Turner</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Simpson Drilling Co</td>
<td></td>
<td>Malta, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>10-Sept.</td>
<td></td>
<td>Date Completed: 12-Sept.</td>
</tr>
<tr>
<td>Location: Sec T</td>
<td>T. 35 R. 25</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Type of well Drilled**
- Equipment used: Churn drill

- Water use: Stock

- Casing: 0 ft. to 24 ft. Type: Steel

- Perforated or Screened: 16 ft. to 30 ft.

**Static Water level, for non-flowing well:** 16 feet.

**Shut-in pressure, for flowing well:** 9 lb./sq. in. on: July 12, 1972

**Pumping water level:** 20 feet at 9 gal. per min.

**How tested:** Pump

**Length of test:** 1 hour

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

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

1. George A. Amsden, of Turner, Mont., 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 Stockwater and past use for Garden Irrigation and household.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Homestead days used ever since Sec 13

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 100 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: Garden Irrigation. Sec 13 T 35 N 25

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Unknown. on Sec 13 Day in winter of 55 on Sec 24

8. The depth of water table: 45 feet. Sec 13 and 18 ft. Sec 24

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: Sec 13 Bored Well 18 in Dia. 45 ft Deep. Wood and cement casing. Sec 24 Bored Well 5 ft Dia. Deep for irrigation purposes in 1956. but has never been used.

10. The estimated amount of groundwater withdrawn each year: 188000 Gallons.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner: George A. Amsden
Date: 10-7-54

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.

21/522
## 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>10</td>
<td>Clay rocks</td>
</tr>
<tr>
<td>10</td>
<td>19</td>
<td></td>
<td>Gravel sand rocks</td>
</tr>
<tr>
<td>10</td>
<td>24</td>
<td></td>
<td>Gravel sand water 9.9 PM</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 8TH DAY
OF November, A.D. 1963
AT 11:15 A.M.

[Signature]
COUNTY CLERK

[Signature]
DEPUTY
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, 1961)

Owner
Mr. T. Mohar
Address
Turner, Mont.

Driller
Billmaier
Address
Hogeland, Mont.

Date of Notice of Appropriation of Groundwater

Date well started
10-22-63
Date Completed
10-22-63

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

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>
<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>7&quot; 6%&quot;</td>
<td>15 lb.</td>
<td>28'</td>
<td>cut 20'</td>
<td>23'</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well
13 feet.

Shut-in Pressure for Flowing Well

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

Discharge in gal. per min. of flowing well

How Tested
Bailed
Length of Test
One hour

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.

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
County of Elaino

FILED FOR RECORD THIS 27 DAY
OF December A. D. 1963

AT 12:10 O'CLOCK P. M.

CASA F. PEROSA
COUNTY CLERK

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

Owner: John Hefner
Address: Turner, Mont.

Driller: Billings & Same Address, Hayland

Date of Notice of Appropriation of Groundwater: Jan 20, 1969
Date well started: Mar 21, 1961

Type of well: Churn (dug, driven, bored or drilled)

Equipment Used: Churn

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>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Fire and Weight of Cutting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 1/2</td>
<td>6&quot; 1/2</td>
<td>19 1/2</td>
<td>TOP</td>
<td>33</td>
</tr>
<tr>
<td>28</td>
<td>Cutting Torch</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>39</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: __________________________ feet.

Shut-in Pressure for flowing well: __________________________

Pumping Water Level: __________________________ feet at: __________________________ gal. per minute.

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

How Tested: __________ Length of Test: __________________________

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

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

Show exact depth of bottom.

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

3869
STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 8 DAY
OF January, A.D. 1965
AT 9:15 O'CLOCK A.M.

DEPUTY

COUNTY CLERK
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** Wm. Mohr
**Address:** 11111 Avenue A

**Driller:** Billingsley & Son
**Address:** 1234 Street

**Date of Notice of Appropriation of Groundwater:**

**Date well started:** 01/01/62
**Date Completed:** 12/31/62

**Type of well:** Drilled
**Equipment Used:** Churn

**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>
<thead>
<tr>
<th>Strata Met</th>
<th>Character</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing Well:** 32 feet

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

**Pumping Water Level:** 32 feet at 90 gal. per minute.

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

**How Tested:** Bail
**Length of Test:** 2 hr.

**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)

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**Drillers License Number:**

**Drillers 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
County of Blaine

Filed for record this 27th day of December, A.D. 1952

File No. 21777

A. H. Dory

Received

2.00

Prent.