STATE OF MONTANA
OFFICE OF STATE ENGINEER

JAN 26 1963

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

1. Mary Eik, of Joliet, County of Carbon, 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:
   1950 - CONTINUOUS

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   1930

8. The depth of water table:
   10'

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:
   6' casing
   35' deep

10. The estimated amount of groundwater withdrawn each year:
    300,000 gal.

11. The log of formations encountered in the drilling of each well if available:
    Gravel & Sand
    Shale

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

Signature of Owner: Oscar Eik
Date: 12/27/63

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 Appropriorator.
邑YED COUNTY OF CARSON

Office of the County Clerk & Recorder

I hereby certify that the within

Appropriation

was filed

for record in my office this 27 day

of

Nov. A.D. 1963

at 11:15 a.m.

Attest my hand and the seal of

said County

Mark David

Clerk and Recorder

Deputy

Fees $ 2.00
**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**

(Under Chapter 237 of the Montana General 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:** Walter Johnson  
**Address:**  
**Driller's Name:**  
**Date well started:** 5/21/72  
**GW completed:** 6/12/72

**Type of well:** Drilled  
**Equipment used:** Churn drill, rotary or other  
**Water Use:** Domestic, Public, Stock, Irrigation, Industrial, Drainage, Other, Garden/Lawn

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

**Estimated Annual Withdrawal:** 140,000

---

### Estimated Annual Withdrawal Table

<table>
<thead>
<tr>
<th>Depth (Feet)</th>
<th>Top of Ground</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Static water level:** 19 ft.  
**Pumping water level:** 100 ft.  
**Power:** 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:** Box 32, Blair, Mont.
<table>
<thead>
<tr>
<th>Owner</th>
<th>Town of Joliot</th>
<th>Address</th>
<th>Joliot, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>L. L. Anderson</td>
<td>Address</td>
<td>Billings, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>October 2, 1948</td>
<td>Date Completed</td>
<td>May 10, 1949</td>
</tr>
<tr>
<td>Location</td>
<td>Sec 14 T 4 S R 2 E 4 sec 8 E 1 of 9 S 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
<td>Equipment used</td>
<td>Rotary Drill</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic</td>
<td>Municipal</td>
<td>X</td>
</tr>
<tr>
<td></td>
<td>Industrial</td>
<td>Drainage</td>
<td></td>
</tr>
<tr>
<td>Casing</td>
<td>1 ft. to 12 ft.</td>
<td>Type</td>
<td>Steel</td>
</tr>
<tr>
<td>Casing</td>
<td>None</td>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Casing</td>
<td>Perforated</td>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>20 ft. from surface</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in. on:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(date)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>90 feet at 249 20 ft. drawdown</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low tested:</td>
<td>Pump</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Top Soil</td>
</tr>
<tr>
<td>3</td>
<td>Gravel and Sand</td>
</tr>
<tr>
<td>9</td>
<td>White Sand Rock</td>
</tr>
<tr>
<td>90</td>
<td>Dark Sandy Shale</td>
</tr>
</tbody>
</table>
**Montana Bureau of Mines and Geology**

**Butte, Montana**

**Water Well Log**

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Owner</strong></td>
<td>Tom of Joliot</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>Joliot, Montana</td>
</tr>
<tr>
<td><strong>Driller</strong></td>
<td>L. E. Anderson</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>Billings, Mont.</td>
</tr>
<tr>
<td><strong>Date Started</strong></td>
<td>May 16, 1949</td>
</tr>
<tr>
<td><strong>Date Completed</strong></td>
<td>June 16, 1949</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>Sec. 14 T. 4 S. R. 82 E 1/4 sec. 32 1/4 or 33 1/4</td>
</tr>
<tr>
<td><strong>Type of well</strong></td>
<td><strong>Drilled</strong></td>
</tr>
<tr>
<td><strong>Equipment used</strong></td>
<td>Rotary Drill</td>
</tr>
<tr>
<td><strong>Water use</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Type</strong></td>
<td>Domestic</td>
</tr>
<tr>
<td><strong>Casing</strong></td>
<td>1 ft. to 12 ft.</td>
</tr>
<tr>
<td><strong>Casing</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Casing</strong></td>
<td>ft. to ft.</td>
</tr>
<tr>
<td><strong>Perforated or Screened</strong></td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td><strong>Type of screen or perforations</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Static Water level, for non-flowing well</strong></td>
<td>20 ft. from surface</td>
</tr>
<tr>
<td><strong>Shut-in pressure, for flowing well</strong></td>
<td>lb/sq. in. on (date)</td>
</tr>
<tr>
<td><strong>Pumping water level</strong></td>
<td>20 feet at 240 gal. per min.</td>
</tr>
<tr>
<td><strong>How tested</strong></td>
<td>Pump</td>
</tr>
<tr>
<td><strong>Length of test</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Remarks</strong></td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>

---

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td>To 3</td>
</tr>
<tr>
<td>From 3</td>
<td>To 9</td>
</tr>
<tr>
<td>From 9</td>
<td>To 90</td>
</tr>
<tr>
<td>From 90</td>
<td>To 108</td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Town of Joliet</th>
<th>Address</th>
<th>Joliet, Mont.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>L. E. Anderson</td>
<td>Address</td>
<td>Millings, Mont.</td>
</tr>
<tr>
<td>Date Started</td>
<td>July 22, 1957</td>
<td>Date Completed</td>
<td>Sept. 29, 1957</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>Sec.</th>
<th>T.</th>
<th>R.</th>
<th>% sec.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled (Dug, driven, bored, or drilled)</th>
<th>Equipment used</th>
<th>Rotary Drill (Churn drill, rotary, other)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Water use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
<th>Industrial</th>
<th>Drainage</th>
<th>Other:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td>10 ft. to 300 ft.</td>
<td>Type</td>
<td>Steel</td>
<td>Size: 12 in.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>None</td>
<td>ft. to</td>
<td>ft.</td>
<td>Size</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

| Static water level, for non-flowing well: | 6 ft. from surface | feet |
| Shunt-in pressure, for flowing well:     | lb/sq. in. on | (date) |
| Pumping water level:                     | feet at | gal. per min |
| How tested:                              | Not 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>0</td>
<td>10</td>
</tr>
<tr>
<td>10</td>
<td>90</td>
</tr>
<tr>
<td>90</td>
<td>145</td>
</tr>
<tr>
<td>145</td>
<td>155</td>
</tr>
<tr>
<td>155</td>
<td>170</td>
</tr>
<tr>
<td>170</td>
<td>202</td>
</tr>
<tr>
<td>202</td>
<td>215</td>
</tr>
<tr>
<td>215</td>
<td>223</td>
</tr>
<tr>
<td>223</td>
<td>245</td>
</tr>
<tr>
<td>245</td>
<td>246</td>
</tr>
<tr>
<td>246</td>
<td>253</td>
</tr>
<tr>
<td>253</td>
<td>255</td>
</tr>
</tbody>
</table>

Water level 8 ft. from surface
Water 10 ft. - 80 ft.
202 ft. - 215 ft.
223 ft. - 246 ft.
Pipe 12 in. black, from 1 to 12 ft.
Joints in casing, Standard
Capacity of well, Undetermined
How determined, Bailer
Exact depth to bottom of well 255 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: City of Dillon
Address: Dillon, Montana

Date well started: 7-24-72
Date well completed: 7-30-72

Type of well: Drilled

Equipment used: Churn Drill

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

Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

*Describe: 

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

ESTIMATED ANNUAL WITHDRAWAL: 38,325,000

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Length</th>
<th>Depth to Bottom</th>
<th>Kind</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>14&quot;</td>
<td>35'</td>
<td>-6</td>
<td>none</td>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>8 5/8</td>
<td>24'</td>
<td>30'</td>
<td>none</td>
<td>From</td>
<td>To</td>
</tr>
</tbody>
</table>

Static water level: 9 ft.
Pumping water level: 165 ft.
at 92 gallons per minute measured 30 minutes after pumping began.
*Measured from ground level.

Well developed by pump for 17 hours.

Power: Pump. 25 HP

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

14" hole drilled to 36'
8" casing set at 30' deep
Space between 28' & 14'
filled with No. 2 Portland cement

Show exact depth of bottom

LICENSE NO. 27

Driller’s Signature: 

Driller’s Address: Box 32, Fishkill, Montana
As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

**Special Instructions:**

Please provide the county filing number for the attached form, as indicated in red.
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 City of Juliet
Address Juliet, Montana

Date well started 7-24-72, GW 1
Date well completed 7-30-72

Type of well Drilled

Equipment used Churn Drill

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 30,385,000

PERFORATIONS

<table>
<thead>
<tr>
<th>Size of Initial Hole</th>
<th>Size and Depth of Casting</th>
<th>From (Ft.)</th>
<th>To (Ft.)</th>
<th>Kind of Shells</th>
<th>From (Ft.)</th>
<th>To (Ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14&quot;</td>
<td>24&quot; 64 lb.</td>
<td>-6</td>
<td>27</td>
<td>none</td>
<td>14</td>
<td>14</td>
</tr>
<tr>
<td>8 5/8</td>
<td>8 5/8 24 lb.</td>
<td>30&quot;</td>
<td>35&quot;</td>
<td>none</td>
<td>8 5/8</td>
<td>35&quot;</td>
</tr>
</tbody>
</table>

Static water level: 9 ft.
Pumping water level: 165 ft.
at: 98 gallons per minute, measured at 59 minutes after pumping began.

*Measured from ground level

Well developed by: Mowing a test for 77 hours.

Power: Pump: 1 HP

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

IN M. 16 Sec. 14
4S - N 1/2 - E 23 - 2 W
1/4 hold, grilling 30.00
1/4 closer set at 364
Spring broken on 7-14-72
Fitted with 178 foot

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

Driller's Signature: [Signature]
Driller's Address: [Address]

LICENSE NO. 178

178 Show exact depth of bottom

51,385
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

(Under Chapter 246, Session Laws 1961, as amended)

The person, firm or corporation owning property on which wells are located, shall file the following information with the County Clerk and Recorder of each county in which such well is located.

**Owner:**
- City or Valley: Kalispell, Montana
- Address: Post Office: Kalispell, Montana
- File No.: 141972-11-5

**Date well started:** 7-24-72
- **Date well completed:** 7-30-72

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

**Water Use:**
- Domestic: No
- Municipal: Yes
- Stock: No
- Irrigation: No
- Industrial: No
- Drainage: No
- Other: No
- Garden/Lawn: No

**Description:**
- 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:** 39,385,000 gal.

<table>
<thead>
<tr>
<th>#</th>
<th>Length (ft)</th>
<th>Depth (ft)</th>
<th>Water Level (ft)</th>
<th>Discrimination Factor</th>
</tr>
</thead>
<tbody>
<tr>
<td>14&quot; W</td>
<td>8 9/16</td>
<td>156 1/4</td>
<td>8</td>
<td>95</td>
</tr>
<tr>
<td>8 9/16</td>
<td>8 5/8</td>
<td>30 1/2</td>
<td>355</td>
<td>none</td>
</tr>
</tbody>
</table>

**Perfomations**
- **received:** Nov 21, 1972

**Static water level: 8 ft.**
- **Pumping water level:** 156 1/4 ft.
- **At:** 95 gal per minute
- **measured:** 30 minutes after pumping began.

*Measured from ground level,
Well developed by 7-26-72 for 17 hours.

**Power:** Pump
- **HP:**

**Remarks:** (Gravel packing, cementing, packers, type of shut-off)
- **Drill hole:** Drilled to 156 1/4 ft
- **Casing set at 29 1/2 ft
- **Bottom between 8 9/16 & 12 1/2" Filled with No. 2 Portland cement.

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

**Driller's Signature:**
- **Pete L. Hagerman**

**Driller's Address:** 8722, Missoula, Montana

**License No:** 27

**Lift:**
STATE OF MONTANA, ss.
COUNTY OF CARBON
Office of the County Clerk & Recorder
I hereby certify that the within document was filed in my office on the 15th day of May, A.D. 19__, at 1:00 o'clock p.m. and is recorded on page ___ of book ___ of records of Carbon County, Montana. Attest my hand and the seal of said County.

[Signature]
[Title: Clerk and Recorder]
[Deputy: __________]
[Date: ___]
Notice of Completion of Groundwater Appropriation by Means of Well


<table>
<thead>
<tr>
<th>Date of Notice of Appropriation of Groundwater</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/16/64</td>
<td>9/18/64</td>
</tr>
</tbody>
</table>

Type of well: Drilled

Equipment Used: Churn Drill

Water Use: Domestic

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock 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>Site of Drilled Hole</th>
<th>Site and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 in.</td>
<td>18 lb/100 ft.</td>
<td>23.4</td>
<td>20.7</td>
<td></td>
</tr>
<tr>
<td>8 in.</td>
<td>8 lb/100 ft.</td>
<td>25.0</td>
<td>18.5</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 15 feet.

Shut-in Pressure for Flowing Well:

Pumping Water Level: 117 feet at 380 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Test pump

Length of Test: 8 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)

Cemented Well Between 15 ft. and 18 in. casing 26 ft. to Top of Casing.

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 CARBON
Office of the County Clerk & Recorder

I hereby certify that the within

Water filing was filed
for record in my office this 26th day
of October A.D. 1964
at 2:25 P.M.

Attest my hand and the seal of
said County

FRANK DANIEKEL, COUNTY CLERK

Clerk and Recorder

Page 2
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:**

**Address:**

**Driller:**

**Address:**

**Date of Notice of Appropriation of Groundwater**

**Date well started:**

**Date completed:**

**Type of well:**

**Equipment Used:**

**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 Defiled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>12½</td>
<td>13½/100</td>
<td>23</td>
<td>20½</td>
<td>NONE</td>
</tr>
<tr>
<td>8 inch</td>
<td></td>
<td></td>
<td></td>
<td>NONE</td>
</tr>
</tbody>
</table>

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

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

**Pumping Water Level:**

**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 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.**

**158 ft Test Well at 330 GPM**

**Driller's License Number**

**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.

4.2.2
STATE OF MONTANA
COUNTY OF CARBON SS.

Office of the County Clerk & Recorder

I hereby certify that the within

Notice filed

was filed for record in my office this 15 day, of Dec. A.D. 1965

at 11:30 o'clock A.M.

Attest my hand and the seal of

the County

FRANK DANCHUK, COUNTY CLERK

By: LONG B. ZAPPEL

                     Clerk 1st Rem.
**Notice of Completion of Groundwater Appropriation by Means of Well**

(under Chapter 237, Montana Session Laws, 1961)

---

**Town of Juliet Address:** Juliet, Mont.  
**Driller:** B. H. Drilling  
**Drilling Address:** Flathead, Mont.

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

**Date Well Started:** 9/10/64  
**Date Completed:** 8/19/64

**Type of Well:** Drilled  
**Equipment Used:** Churn Dug

**Water Use:** Domestic □  
**Municipal □**  
**Industrial □**  
**Drainage □**  
**Stock □**  
**Irrigation □**

---

**Description of Drilled Wells:**

- **61 - 58.** Hay Sandy Shale
- **64 - 67.** Dark Brown Sandy Shale
- **67.** Hay Sandstone
- **83 - 96.** Hay Sandy Shale

---

**Static Water Level for Non-Flowing Well:** 9.3 feet

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

**Pumping Water Level:** 150 feet at 100 gal. per minute.

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

**How Tested:** PUMPED

**Length of Test:** 8 hrs.

**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 to bottom.**

**193 - 208.** Hay Sandy Shale

---

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

State of Montana

Administrator of Groundwater Code
Office of State Engineer

Notice of Appropriation of Groundwater

Date of Notice of Appropriation of Groundwater

Date the Well Started

Date the Well Completed

Type of Well: Drilled

Equipment Used: Churn Drill

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>12 1/2</td>
<td>13400</td>
<td>19+</td>
<td>19 1/2</td>
<td>NONE</td>
</tr>
<tr>
<td>Water 90 6 PM 8 inch</td>
<td>8 3/8</td>
<td>24</td>
<td>48</td>
<td>NONE</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 23 feet.

Shut-in Pressure for Flowing Well:

Pumping Water Level: 150 feet at 100 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Test Pump Length of Test: 8 hrs.

Remarks:

(Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation: 13 4/5 acres."

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; replicates to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

208 ft.

Well was tested at 1006 P.M. with 12 raw dawn to 150 ft.

Driller's License Number

Fred K. Knappery

Driller's Signature

Jan 26, 1968

Carbon County

Well No. 2

State of Montana

Administrator of Groundwater Code
Office of State Engineer

Notice of Appropriation of Groundwater
Declaration of Vested Groundwater Right
(Under Chapter 237, Montana Session Laws, 1961)

1. Thurston L. and Martha Forehand, of Joliet
   (Name of Appropriator) (Address) (Town)
   County of Carbon 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: Sprinkling of lawn and household use if needed.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Approximately 1930, Spasmadin.

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: One acre Joliet Acre Tracts, tract No. 2
   Thurston L. and Martha Forehand

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: By Pump. One well located north corner of lot.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Approximately 1930.

8. The depth of water table: 12 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Rock-walled, 3 feet wide, and 15 feet deep.

10. The estimated amount of groundwater withdrawn each year: 216,000 gallons.

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: Martha Forehand

Date: July 29, 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; Tripllicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA,
COUNTY OF CARBON \ss.
Office of the County Clerk & Recorder
I hereby certify that the within
Appraisement was filed
reflect in my office this 31 day
of July A.D. 1903
at 11:05 a.m.
Attain my hand and the seal of
said County

\signature\
Clerk and Recorder

\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. Martin Fosthins, or Juliet
   (Name of Apprffrriator) (Address)

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

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

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

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

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: About 1910

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: Martin Fosthins
Date: Dec. 26, 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 Apprffrriator.
STATE OF MONTANA,
COUNTY OF CARBON SS.
Office of the County Clerk & Recorder

I hereby certify that the within
[Invisible text]
for record in my office this 7th day
of Dec. A.D. 1963
at 10:15 o'clock A.M.

Attent my hand and the seal of
said County

[Signature]
Clerk and Recorder

by
Deputy

Fee $ 2.00
Notice of Completion of Groundwater Appropriation by Means of Well

(Chapter 23, Montana Session Laws, 1961)

Owner: [Name]
Address: [Address]

Driller: [Name]
Address: [Address]

Date of Notice of Appropriation of Groundwater: 10-2-64
Date well started: Aug 1964, Date Completed: Aug 1964

Type of well: [Type]
Equipment Used: [Equipment]

Water Use: [Use]

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.

Static Water Level for non-flowing Well: [Height] feet.
Shut-in Pressure for Flowing Well: [Pressure]
Pumping Water Level: [Height] feet at [Rate] gal. per minute.

Discharge in gal. per min. of flowing well: [Rate]

How Tested: [Test]
Length of Test: [Duration]

Remarks: [Remarks]

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

Show exact depth of bottom.

[Diagram]

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

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

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

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

[Signature]
STATE OF MONTANA
COUNTY OF CARRILO

Office of the County Clerk & Recorder
I hereby certify that the within

Water filing was filed

for record in my office this 5 day
of October 16, 1964
at 4:29 o'clock P.M.
Attest my hand and the seal of
said County

FRANK DAMHUIS COUNTY CLERK

[Signature]

Fees $".99 paid
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Glenn W. Newton, of Great Falls, Montana
   (Name of Appropriator) (Address) (Town)
   County of Carbon, 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
   Watering lawn and garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   Since 1940

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   Each well about 8 gallons per minute

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

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

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

8. The depth of water table
   About 10 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
   [Details provided]

10. The estimated amount of groundwater withdrawn each year
    Not over 1,000 gallons per year per well

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

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 provided]

Signature of Owner, Glenn W. Newton

Date Dec. 27, 1963

Trego, Mont.

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
I, the undersigned,

FRANK DANIGHEX, COUNTY CLERK

do hereby certify that the within

writs of execution were filed

in my office this 31 day

of June, 1963

at 9:46 o'clock A.M.

Attest my hand and the seal of

this County.

FRANK DANIGHEX, COUNTY CLERK

Approval by the Recorder.

Fees $1.00
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

- **Owner**: James A. Ussin
- **Address**: Joliet, Montana
- **Driller**: Self
- **Address**: Joliet, Montana

- **Date of Notice of Appropriation of Groundwater**: July 1, 1963
- **Date Well Started**: 7/1/63
- **Date Completed**: 7/1/63
- **Type of Well**: Drilled
- **Equipment Used**: Hand tools
- **Water Use**: Domestic

### Strata Met with in Drilling

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cutting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 ft. wide</td>
<td>2 feet</td>
<td>1/8&quot; metal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 ft. deep</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Static Water Level for non-flowing Well**: 2 1/2 feet
- **Shut-in Pressure for Flowing Well**: 
- **Pumping Water Level**: 2 1/2 feet
- **Discharge in gal. per min. of flowing well**: 10 gal. per minute
- **How Tested**: Static
- **Length of Test**: 30 minutes
- **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.**

---

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 CARBON SS.
Office of the County Clerk & Recorder
I hereby certify that the within
Water Aggregate
was filed
for record in my office this 29th day
of July A.D. 1962
at 2:40 o'clock P.M.

Attest my hand and the seal of
said County
FRANK DANIELS, COUNTY CLERK
Clerk and Recorder
By
FOUNDRY

[Handwritten date: 2-28-62]
1. **Aaron A. Wright** of **Toilet**, County of **Carbon**, 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>
</tbody>
</table>

2. The beneficial use on which the claim is based:
   - Household, lawn, and irrigating
   - Also, garden

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   - 10 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:
   - 3 acres of Sw 1/4, Sw. Sec. 4, T. 44 R. 22

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

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:
   - 12 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:
   - One 36 ft. 8 in. casing
   - One 12 ft. 24 in. casing

10. The estimated amount of groundwater withdrawn each year:
    - 20,000 gal

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

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

Date __________ Signatures of Owner **Aaron A. Wright**

STATE OF MONTANA, ) County of Carbon) ss.

Having first been duly sworn, deposes and says 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 subscribes 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.

Subscribed and sworn to before me, this __________ day of __________, 19__

Notary Public for the State of Montana.

Residing at __________

My Commission expires __________
COUNTY OF CARBON

office of the County Clerk & Recorder

I hereby certify that the within

appropriation

for record in my office this 27 day

of A.D. 19__

at 7:36 o'clock A.M.

Attorn my hand and the seal of

said County

FRANK DAVICHEK, COUNTY CLERK

rec. and Recorder

Alvar E. W. R.iner
Jan 26 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. Marion G. Zimmermann of County of
   State of Montana have appropriated groundwater according to the Montana law in
   effect prior to January 1, 1962, as follows:

   NE 3 SW 1/4 Sec. 14 T. 4 R. 22

   1. The beneficial use on which the claim is based

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

   3. The amount of groundwater claimed (in miner's inches or gallons per minute) 500gals 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

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

   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 formations 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

   Date 12-31-63

   Signature of Owner: Marion G. Zimmermann

   STATE OF MONTANA, ) County of Carbon ss.

   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

   of such water right and that he know the contents of said foregoing notice and that the
   matters and things therein stated are true.

   Subscribed and sworn to before me, this 14 day of January, 1963.

   Notary Public for the State of Montana.

   Residing at

   My Commission expires
STATE OF MONTANA
COUNTY OF CARBON

Office of the County Clerk & Recorder,

I hereby certify that the within

APPRAISATION

was filed

for record in my office this 31st day

of Dec. A.D. 1903

at 12:10 o'clock P.M.

Attest my hand and the seal of

said County

FRANK DAVISHEK, COUNTY CLERK

Clark and Recorder

Alvin E. Davis

Feb. 200
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Henry or Montana Beatty
   (Name of Appropriator)
   of
   (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
   
   domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1953

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
   No irrigation

6. The means of withdrawing such water from the ground and the location of 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
   1953

8. The depth of water table
   12 feet

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

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

11. The log of formations encountered in the drilling of each well if available
    gravel & rock

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

Signature of Owner

Date: 12/26/63

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.

42,918
STATE OF C
COUNTY OF C
Office of the County Clerk & Recorder
I hereby certify that the within
petition was filed
for record in my office this 19 day
of December, A.D. 1963
at 1:40 p.m.

Attested my hand and the seal of
said County
FRANK DANIHER, COUNTY CLERK

By: Alice E. Haun
Registrar
Fees $3.00
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

W. S. Laugherg

of

Juliet

County of Carbon

State of Montana

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

2. The beneficial use on which the claim is based is Household and Irrigation Water.

3. Date or approximate date of earliest beneficial use and how continuously the use has been used since 1962, if continuously since then

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200 gallons

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

Date

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
COUNTY OF CARBON SS.
Office of the County Clerk & Recorder

I hereby certify that the within Appropriation was filed for record in my office this 26th day of June, A. D. 1963 at 4:30 o'clock P.M.

Attest my hand and the seal of said County

[Signature]

Clerk and Recorder
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

MAY 24, 1963

E. C. McBride

County of Carbon

State of Montana

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

2. The beneficial use on which the claim is based: Domestic and stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Continuous since November 1949

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: July 1949

8. The depth of water table: 25 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: Grilled well, 50 feet deep and 6 inch casing

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

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

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

Signature of Owner: E. C. McBride
Date: June 26, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA,
COUNTY OF CARRON
Office of the County Clerk & Recorder.

I hereby certify that the within

[Signature]

for record in my office this ___ day
of ___ A.D. 19___
at ___ o'clock ___ M.

Attest my hand and the seal of
said County

[Signature]

Clerk and Recorder

By: ___
Deputy

Form ___ 0 ___
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Elwin Wedel, of County of Carbon, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
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</tbody>
</table>

   NE 3 SW 4 Sec. 15 T 45 R 32E

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

   Drilled well
   Being 80 ft. deep

10. The estimated amount of groundwater withdrawn each year.

   200,000 gal.

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

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

Date

Signature of Owner

STATE OF MONTANA, ) County of Carbon ss.

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 subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Elwin Wedel

Subscribed and sworn to before me, this 10 day of January, 19.

Notary Public for the State of Montana.
Residing at
My Commission expires
CITY OF MULLIGAN, SS.
COUNTY OF CARBON

Office of the County Clerk & Recorder.

I hereby certify that the within appropriation was filed for record in my office this 31st day of April A.D. 1963 at 4:30 o'clock P. M.

Attorn my hand as the seal of said County.

FRANK DANICHEK, COUNTY CLERk.

[Signature]

Rec: 6-2-63
Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: May 1st to Nov. 15th

Owner: Aaron A. Wright
Address: Joliet, Montana

Contractor (if any):

Address of Contractor:

Date Started: May 1st
Date Completed: Nov. 15th

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

Gravity

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

Steady

May 1st to Nov. 15th

Signature of Owner: Aaron A. Wright
Date: Nov. 31, 1961

STATE OF MONTANA
County of Carbon ss.

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 notice of completion of groundwater appropriation without well are 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.

Subscribed and sworn to before me, this day of , 19

Notary Public for the State of Montana
Residing at

My Commission expires 19
COUNTY OF CARBON
Office of the County Clerk & Recorder.
I hereby certify that the within
Appropriation was filed
for record in my office this __ day
of ____, A.D. 19__ at 7:38 o'clock P.M.
Attends my hand and the seal of
said County
FRANK DANCHEK, COUNTY CLERK

[Seal]

[Signature of Clerk]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Date of Appropriation of Groundwater: 1900
Owner: Kenneth Lamplugh
Address: Joliet, Mont.
Contractor (if any): None
Address of Contractor: None
Date Started: 1900
Date Completed: 1900
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Raked up, Pumped - electric pump.
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use: 10 gals. per minute.

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

Signature of Owner: Kenneth Lamplugh
Date: 12/27/63

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; Quadruplicate for the Appraiser.
COUNTY OF CARBON

Office of the County Clerk & Recorder

I hereby certify that the within
Appropriation was filed
for record in my office this 27th day
of Dec., A.D. 1943
at 11:56 o'clock A.M.
attest my hand and the seal of
said county

Mark Danielik
Clerk and Recorder

By ______________________________
Deputy

Fees $2.00
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

John Vukanovich

of

Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 150 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: (None)

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

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

8. The depth of water table: 40 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 52 ft in depth, 6 in casing

10. The estimated amount of groundwater withdrawn each year: 328, 500 gal per yr

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

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

Signature of Owner: John Vukanovich

Date: 12/30/63

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 
COUNTY OF CAPITOLLASS
Office of the County Clerk & Recorder
I hereby certify that the within
Apropriation was filed
for record in my office this 30 day
of Dec. A.D. 1963
at 4:12 o'clock P.M.
Attorn my hand and the seal of
said County
FRANK DANICHEK, COUNTY CLERK

By
Alice E. Briner
Deputy

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

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

Date of Appropriation of Groundwater: 1900
Owner: John Kubanich
Address: Jobit
Contractor (if any): None
Address of Contractor: None
Date Started: 1900 Date Completed: 1900

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

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent
estimate approximate lengths of periods of use: 10 to 20 gals per minute:

For stock use: Continuous use.

Signature of Owner: John Kubanich
Date: 12/30/63

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana
Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA,
COUNTY OF CARBON SS.
Office of the County Clerk & Recorder
I hereby certify that the within
Application was filed
for record in my office this 30th day
of Dec. A.D. 1963
at 4:10 o'clock P.M.

Attest my hand and the seal of
said County
FRANK DANCHEK, COUNTY CLERK

By
Alicia Price Depan
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: John Vukonich
Address: Joliet, Mont.

Driller: B & H Drilling
Address: Fishtail, Mont.

Date Started: 10/11/60
Date Completed: 10/12/60

Location: Sec. 18 T. NS R. 22 E 1/4 sec.

Type of well: Drilled
Equipment used: Churn Drill

Water use: Domestic [ ] Municipal [ ] Stock [X] Irrigation [ ]
Industrial [ ] Drainage [ ] Other: 

Casing: 1 ft. to 22 ft. 6 in. Type: Black Size: 6 in.
Casing: ft. to ft. Type: Size:
Casing: ft. to ft. Type: Size:

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

Type of screen or perforations:

Static Water level, for non-flowing well: 8 feet.
Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: 30 feet at 7 gal. per min

How tested: Baler

Length of test: One hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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<tbody>
<tr>
<td>From</td>
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<td>16</td>
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<td>43</td>
<td>55</td>
</tr>
</tbody>
</table>
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** Descheen Wheeler  
**Address:** Boyd, Mont.

**Driller:**  
**Address:**

**Date of Notice of Appropriation of Groundwater:** 1983

**Date well started:**  
**Date Completed:**

**Type of well:** Drilled  
**Equipment Used:** (Churn, drill, rotary or bored)

**Water Use:**  
- Domestic □  
- Municipal □  
- Other □  
- Irrigation □

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

**Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.**

**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:**

**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)

**House Hold Use:**

**Driller's License Number**

**Driller's Signature**

---

This form to be prepared by driller, and three copies to be submitted 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.
COUNTY OF CARBON

Office of the County Clerk & Recorder

I hereby certify that the within

was filed

in my office this ___ day

of __________ A.D. 1963

at ___ o'clock ___ A.M.

Attest my hand and the seal of

said County

County Recorder

Form 3-2-60
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Date of Appropriation of Groundwater: 1893
Contractor (if any): Descheemaker & Co., Boyd, Mont.
Address of Contractor:
Date Started: Date Completed:
Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable:

NATURAL SPRINGS FOR DOMESTIC, IRRIGATION AND STOCK WATER USE.

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

YEAR AROUND USE.

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

Signature of Owner: Descheemaker, F. C.
Date: Dec. 23, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the
Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
In the County of Carbon, State of Montana, on the 23rd day of December, A.D. 1909, I, Frank Danishek, County Clerk, did make and record in my office this instrument of declaration and assignment. I hereby certify that the within

[Signature]

Frank Danishek
County Clerk

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

Heck Bob, of Bozq
County of Carbon, 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: Stock water
   Households and home.

2. Date of approximate date of earliest beneficial use; and how continuous the use has been:
   - 1/1/1950 - Continuous
   - 2/2/1952 - Continuous

3. The amount of groundwater claimed (in miner's inches or gallons per minute):
   - 1/1/1950: 450 gpm
   - 2/2/1952: 500 gpm

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:
   - Same ownership

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - Pump back to well
   - #2 deep well by pump

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - #1: 1/1/1950
   - #2: 2/2/1952

7. The depth of water table:
   - #1: 45 ft
   - #2: 45 ft

8. The estimated amount of groundwater withdrawn each year:
   - #1: 43,300 gal
   - #2: 19,000 gal

9. So far as it may be available, the type, size, and depth of each well and the general specifications of any other works for the withdrawal of groundwater:
   - #1: Well 55 ft deep
   - #2: Well 55 ft deep

10. The type of formations encountered in the drilling of each well if available:
    - #1: Sand and gravel
    - #2: Clay and silt

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:
    - Well is both wells

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.

Signature of Owner: 
Date: 1/2/1963