I received and filed this instrument for record on the 29th day of June, 1913, at 1:45 o'clock A.M., permanent files of Mineral County, State of Montana. Witness my hand:

MARTIN Z. BIRNBAUM, County Recorder

FEE $2.00 PAID
## NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

### Owner

<table>
<thead>
<tr>
<th>Name</th>
<th>William Lonopre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>308 80 Grove</td>
</tr>
<tr>
<td>City</td>
<td>Missoula</td>
</tr>
<tr>
<td>State</td>
<td>Montana</td>
</tr>
<tr>
<td>Zip</td>
<td>59801</td>
</tr>
</tbody>
</table>

### Date well started

- Summery
- GW 1
- Date: 20,1972
- Time: 1:30 p.m.

### Type of well

- (Drilled, bored or drilled)

### Equipment used

- (Churn drill, rotary or other)

### Water Use

- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other
- Garden/Lawn

### USE

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

### ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Well</th>
<th>Size and Width of Casing</th>
<th>Feet</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 1/0</td>
<td></td>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>SE, SE, Sec. 19</td>
<td>T 15 S</td>
</tr>
</tbody>
</table>

### Remarks

- Gravel packing, cementing, packers, type of shutoff

### Power Pump

- HP

### Static water level

- 12 ft.

### Pumping water level

- Measured from ground level. Measured minutes after pumping began.

### Measured from ground level.

- Well developed by

- Hours

### Power Pump

- HP

### Remarks

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

### LICENSE NO

- 504

### Show exact depth of bottom

- 51, 457
I received and filed this instrument for record on the 26 day of Sept. 1872 at 11:30 a.m., in the office of the Recorder of Deeds of Missoula County, State of Montana.
Witneses my hand.

[Signature]

[Date]

[Fee] 2.10

Paid.
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 information, as indicated in red on the attached form.

Thank you.
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner: William Longpre
Address: 308 80 Grove Street

Date well started: June 15, 1942

Date well completed: December 10, 1943

Type of well: "Steel casing"

Equipment used: "Drilling"

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

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).

- Static water level: _____ ft.
- Pumping rate: _____ gallons per minute measured: _____ minutes after pumping began.
- Power: AC Pump HP

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

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

Driller's Signature: ____________________________
Driller's Address: Missoula, Montana

LICENSE NO. ____________________________

Show exact depth of bottom: 50 ft.
Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater
(As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.)

1. I, Northern Pacific Railway Co., of St. Paul,
   (Name of Appropriator) (Address) (Town),
   within County of Ramsey, State of Minn.,
   (Name of County) (State) (Address) (Town),
   intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is...
   Water supply for commercial ski area
   on Section 26-15W-19N
   (describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed...
   2 miners' inches

4. The annual period (inclusive dates) of intended use...
   Year-round

5. The probable or intended date of first beneficial use...
   January, 1961

6. The probable or intended date of commencement and completion of the well or wells...
   1961

7. The location, type, size and depth of well or wells contemplated...
   Developed spring

8. The probable or estimated depth of the water table or artesian aquifier...
   Surface

9. Name, address and license number of the driller engaged...
   Not applicable

10. Give such other similar information as may be useful in carrying out the policy of this act...

    Signature of Appropriator...
    Northern Pacific Railway Co.
    Date...Dec. 31, 1961

Three copies of this notice are to be filed with 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.

Revised by: T. L. R. 19W
Located well or other means of development as accurately as possible on the plat.

Signature of Appropriator...
Northern Pacific Railway Co.
Date...Dec. 31, 1961
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

   (Name of Appropriator) (Address) (Town)

   County of Ramsey, State of Minnesota

   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
      Water supply for commercial use.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      June 1961 - continuous.

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

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
      Not applicable.

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

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

   8. The depth of water table
      Surface.

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

   10. The estimated amount of groundwater withdrawn each year
      Not known.

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

   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
      NA.

   Signature of Owner
   Northern Pacific Ry. Co.

Date: Dec. 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Northern Pacific Railway Co., of St. Paul
   (Name of Appropriator) (Address) (Town)
   County of Ramsey State of Minnesota
   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:
      Water supply for commercial ski development
      in Section 13-158-15W

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
      September, 1961 = continuous

   4. The amount of groundwater claimed (in miner's inches or gallons per minute):
      10 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:
      Not applicable

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

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

   8. The depth of water table:
      Surface

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
      Pipe line from headgate in Section 13

   10. The estimated amount of groundwater withdrawn each year:
      Not Known

   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:  
   Northern Pacific Railway Co.
   Dec. 31, 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.
## GROUNDWATER INDEX

**County:** DeSoto  
**Twp.:** 15N  
**Rge.:** 13W

<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>10</td>
<td>Andrus, Antoine</td>
<td>SW 1/2</td>
<td>145530</td>
<td></td>
</tr>
</tbody>
</table>
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Owner</th>
<th>Antoine Anderson</th>
<th>Address</th>
<th>Missoula, Mont</th>
</tr>
</thead>
</table>

**Driller**

Glenn Camp 705 Alder  Address  Missoula, Mont

**Date of Notice of Appropriation of Groundwater**

7/12/62

**Date well started**

7/12/62

**Date Completed**

7/21/62

**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>5 1/2 I.D.</td>
<td>14 lbs</td>
<td>16' below bottom</td>
<td>96'-7&quot;</td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well

70 feet

Shut-in Pressure for Flowing Well

70 feet at 20 gal. per minute.

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested

Boiler

Length of Test

2 Hours

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

None

License # 7

Driller’s License Number

Glenn Camp

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.
I received and filed this instrument for record on the 22 day of July, 1962, at 2:50 o'clock P.M., in the office of the Recorder of Wills of Missoula County, State of Montana, in the presence of Martin S. Berin, County Recorder, and me, his deputy. 

[Signature]

Deputy

193530
<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>Quintin, Weldon</td>
<td>SW 2</td>
<td>293977</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Goetze, East A</td>
<td>SW 4</td>
<td>234367</td>
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<tr>
<td>33</td>
<td>Goetze, East A</td>
<td>SW 4</td>
<td>234367</td>
<td>see above</td>
</tr>
<tr>
<td>34</td>
<td>Goetze, East A</td>
<td>SW 4</td>
<td>234368</td>
<td></td>
</tr>
</tbody>
</table>
**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:**

**Address:**

**Date well started:**

**Type of well:**

**Equipment used:**

**Water Use:**

**Describe:**

---

**ESTIMATED ANNUAL WITHDRAWAL:**

- Static water level
- Pumping water level

**PERFORATIONS:**

- Kind
- Size
- From (Ft.)
- To (Ft.)

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

**Driller's Signature:**

**Driller's Address:**

---

**Top of Ground 4100 ft.**

<table>
<thead>
<tr>
<th>From (Ft.)</th>
<th>To (Ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.00</td>
<td>80</td>
</tr>
<tr>
<td>80</td>
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<tr>
<td>98</td>
<td>99</td>
</tr>
<tr>
<td>99</td>
<td>100</td>
</tr>
</tbody>
</table>

---

**Note:**

*Measured from ground level.*

Well developed by 80 ft. for 8 hours.

Power: **Pump**

Remarks: (Gravel packing, cementing, packers, type of shutoff)
# Declaration of Vested Groundwater Rights

## Engineer (Under Chapter 237, Montana Session Laws, 1961)

1. **Name of Appropriator** (Address) (Town)

   **County of** **State of**

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

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

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

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

5. **If used for irrigation, give the average 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.
I received and filed this instrument for record on the 20th day of November 65 at 9 o'clock A.M., in the presence of the following witnesses of Missoula County, State of Montana:

[Signature]

County Recorder

By: [Signature] Deputy

Fee $ [Amount] Paid [Amount]
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Earl Albert Coontz, of Greenough
   (Name of Appropriator) (Address) (Town)

   County of __________ 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
   Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   August 1927 until present all the time

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   50 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
   (approx. 40 acres) acre 24, sec 15, T 15 N, R 15 E

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
   1937

8. The depth of water table
   Undetermined

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
   The only well on this property has no casing and will have to be cased

10. The estimated amount of groundwater withdrawn each year
    Undetermined

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

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
    Undetermined

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.
234368

I received and filed this instrument on the 22d day of March, 1965,
in the office of the Register of Deeds of Marion County, State of Indiana.

[Signature]

By [Signature], Deputy

[Stamp]
<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>9</td>
<td>Edward, Frank</td>
<td>NW 2</td>
<td>326387</td>
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</tr>
<tr>
<td>9</td>
<td>Edward, Frank</td>
<td>NW 2</td>
<td>326388</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>State Industries</td>
<td>NW 2</td>
<td>370049</td>
<td></td>
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<tr>
<td>34</td>
<td>Varney, Walter W</td>
<td>NW 2</td>
<td>308142</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Varney, Walter W</td>
<td>NW 2</td>
<td>397651</td>
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<tr>
<td>36</td>
<td>Clark, S L</td>
<td>NW 2</td>
<td>21650</td>
<td></td>
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<tr>
<td>36</td>
<td>Dickin, Dewl</td>
<td>NW 4</td>
<td>214631</td>
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<tr>
<td>36</td>
<td>Lee, Henry, P.L.</td>
<td>NW 4</td>
<td>37635</td>
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<tr>
<td>36</td>
<td>Jenkins, Earl</td>
<td>1957Zog</td>
<td>196616</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>Office of State Guard</td>
<td>NW 4</td>
<td>215280</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Richards, Frank M.</td>
<td>SW 1</td>
<td>317576</td>
<td></td>
</tr>
</tbody>
</table>
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 227 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: Frank Richards
Address: Box 417
Missoula, Montana

Date well started: Sept 27, 1971

Type of well: Drilled

Equipment used: Cable Tools

Water Use: Domestic □ Municipal □ Stock □ Irrigation □

Industrial □ Drainage □ Other □ Garden/Lawn □

Describe: 

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Hole</th>
<th>Weight of Casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>Inches</th>
<th>N</th>
<th>W</th>
<th>X</th>
<th>Y</th>
<th>Z</th>
<th>Equipment used</th>
<th>Power pump</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; X 51&quot;</td>
<td>12#/</td>
<td>0</td>
<td>51#</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 30 ft.

Pumping water level: 61 ft.

at 40 gallons per minute, measured 120 minutes after pumping began.

*Measured from ground level.

Well developed by drilling for 200 hours.

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

EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature: John Martin

Driller's Address: Box 214, Lincoln, Montana

LICENSE NO. 203

COUNTY: Missoula

Top of Ground (Est. more see level)

<table>
<thead>
<tr>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>Top of Well</th>
<th>Type of Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>18</td>
<td>Top soil &amp; rock</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>30</td>
<td>clay</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>45</td>
<td>sand</td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>51</td>
<td>gravel</td>
<td></td>
</tr>
</tbody>
</table>
# Driller's Log

**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:** Frank Richards

**Address:** Box 417

**Missoula, Montana**

**Date well started:** Sept. 6/71

**Completed:** Sept. 10/71

**Type of well:** Drilled

**Equipment used:** Cable Tools

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

*Describe 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:** 100,000 gal.

<table>
<thead>
<tr>
<th>Size of Pipe (In. I.D.)</th>
<th>Size and Location of Well</th>
<th>From (Ft.)</th>
<th>To (Ft.)</th>
<th>PERTURBATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; I.D.</td>
<td></td>
<td>0</td>
<td>64</td>
<td></td>
</tr>
</tbody>
</table>

Static water level **3** ft.

Pumping water level **12** ft.

al 360 gallons per minute, measured 120 minutes after pumping began.

*Measured from ground level. Well developed by Pumping for **two** hours.

Power **20 HP** Pump **10 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: [Signature]

Driller's Address: Box 417, Lincoln, Montana

License No. 203

© 1967

**RECEIVED**

County: Missoula

Page No. 9
I received and filed this instrument for record on the 27th day of August, 1873.

W. H. Jennings, Recorder of Titles of Nebraska County, State of Nebraska.

Witnessee, etc.

Varney & Curray, County Recorder.

By:    S. A. Mallory

Fees 100. 00 00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. I, Frank M. Richards, of P. O. Box 217, Missoula, Montana, County of Missoula, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is household and irrigation use of grass.

3. The rate of use in gallons per minute or miner's inches of groundwater claimed is 500 gal. per minute.

4. The annual period (inclusive dates) of intended use is yearlong.

5. The probable or intended date of first beneficial use is June 1972.

6. The probable or intended date of commencement and completion of the well or wells is June 11, 1972.

7. The location, type, size and depth of well or wells contemplated is 6 inch well, 65 feet deep.

8. The probable or estimated depth of the water table or artesian aquifier is 50 feet.

9. Name, address and license number of the driller engaged is M.T. Drilling Company, Lincoln, Montana.

10. Give such other similar information as may be useful in carrying out the policy of this act.

As defined in the Code Sec. 1 (q) “Well” means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.

Three copies of this notice are to be filed with 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.
Received and filed this instrument on the 30th of June, 1982.

Page County, State of Iowa

To Whom It May Concern:

This instrument was recorded on the 30th of June, 1982.

Page County, State of Iowa

[Signature]

Page County, State of Iowa

[Signature]

Page County, State of Iowa

[Signature]
August 28, 1972

Mr. Frank M. Richards
P. O. Box 417
Missoula, Montana 59801

Dear Mr. Richards:

This is in reference to the enclosed GW-1 form, Notice of Appropriation of Groundwater, that was filed in the Missoula County Courthouse at Missoula, Montana on June 5, 1972 (document number 2287-31796).

The Notice of Appropriation of Groundwater form is simply a "notice" form, which is filed in advance of the commencing of the well construction. Upon well completion the GW-2 form, Notice of Completion of Groundwater Appropriation by Means of Well should be filed.

The GW-1 form, that you have filed does not legally give you or protect your groundwater right. The Groundwater Code specifically states that, "Until a notice of completion (GW-2 form in this case) is filed with respect to any use of groundwater instituted after January 1, 1962, no right to that use of water shall be recognized."

Enclosed is one set (5 sheets to a set) of the GW-2 form in order that you may file your groundwater right properly. Complete the form as accurately and completely as you can and take it to the County Clerk & Recorder for filing.

Also enclosed is a pamphlet entitled, Appropriation and Regulation of Ground Water. Please pay special attention to the areas underlined in red in the first three and one-half pages.

If we can be of further assistance, please feel free to contact us at any time.

Sincerely,

Ronald J. Guse,
Groundwater Rights Coordinator
WATER RESOURCES DIVISION

Enclosures (3)
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: State Forester
Address: 2705 Sappington Road
Missoula, Montana

Date well started: Oct. 24, 1971
Completed: Oct. 26, 1971

Type of well: Drilled
Equipment used: Churn Drill
Water Use: Domestic

**Describe:** 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>Site of Use</th>
<th>Size and Weight of Wells</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; ID</td>
<td>6&quot; ID</td>
<td>219'</td>
<td>42'</td>
</tr>
<tr>
<td>19 lb</td>
<td>above g.f.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PERFORATIONS**

<table>
<thead>
<tr>
<th>Top of Ground (Rev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From (Ft)</td>
</tr>
<tr>
<td>0.0</td>
</tr>
<tr>
<td>6.22</td>
</tr>
<tr>
<td>23.35</td>
</tr>
<tr>
<td>35.60</td>
</tr>
<tr>
<td>40.00</td>
</tr>
</tbody>
</table>

**Driller's Log**

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

**Evidence of Groundwater:**

Static water level: 30 ft.
Pumping water level: 38 ft.
at 13 gpm.
measured 1/2 minutes after pumping began.

*Measured from ground level.
Well developed by test pump for 18 hours.

**Location of Well and Place of Use:**

Lot 15, Sec. 36, T. 14 N., R. 36 W.

**License No:** 7

**Driller's Signature:**

**Driller's Address:** 1522 S. 14th Ave., Missoula, Montana 59801

**Show exact depth of bottom**

**License No:** 7

**State of Montana DRILLER'S LICENSE**

**County:** Missoula

**Received:** DEC 2, 1971
I declare under penalty of perjury that the foregoing is a true and correct copy of the document described herein and is in the possession of


dated and signed by the officer or person who has charge of the documents and records of Missoula County, Montana.


Witnes's my hand.

Phineas H. Cooper, County Recorder

by Phineas H. Cooper, Deputy

The undersigned declared and paid

31009

at 2:00 P.M. on the 29th day of June, 1921.
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: WALTER H. VANHOY
Address: Greenough
State: Montana

Date well started: Sept. 1965
completed: Sept. 1965

Type of well: Bored Driven
Equipment used: Bored Driven
Water Use: Domestic

Describe: Irrigation, Industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block, 40 acres, used restaurant, and Addition).

ESTIMATED ANNUAL WITHDRAWAL: 100,000 gallons

Driver: 1 1/2"

Well developed by: Power: Shallow well 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: Garrison, Montana

LICENSE NO.
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: Walter Vonney
Address: Greenough, Montana

Date well started: Nov. 20, 1979
Date well completed: Nov. 22, 1979

Type of well: Drilled
Equipment used: Churn Drill
Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]

*Describe: 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>Date of Use</th>
<th>Rate of Use</th>
<th>To Rate of Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>6°FID 6°FID</td>
<td>27°FID above 0°FID</td>
<td>none</td>
</tr>
</tbody>
</table>

Static water level: 17.0 ft.
Pumping water level: 17.0 ft.
at 20 gal/min, measured 30 min after pumping began.

*Measured from ground level.

Well developed by [ ] Power for 1.0 hours.

Power: [ ] Electric Pump [ ] HP

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: 1922 S. 14th W., Missoula, Montana
LICENSE NO.: 7

COUNTY: Missoula

RECEIVED

DRILLER'S LOG
Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 227, Montana Session Laws, 1961)

Owner: E.M. Clark  
Address: 333 Plymouth, Missoula

Date of Notice of Appropriation of Groundwater: 
Date well started: 5/17/63  
Date Completed: 5/30/63

Type of well:  
Equipment Used: Single drill

Water Use: D Domestic  
M Municipal  
O Other O 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.

<table>
<thead>
<tr>
<th>Stratum</th>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Drilling</th>
<th>From (Ft.)</th>
<th>To (Ft.)</th>
<th>End Dia</th>
<th>From (Ft.)</th>
<th>To (Ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot; x 1 3/8&quot;</td>
<td>Seamless</td>
<td>0&quot; above G.L.</td>
<td>0&quot;</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>19 lbs</td>
<td>40&quot;-10&quot;</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 33' from G.L. feet.
Shut-in Pressure for Flowing Well.
Pumping Water Level: 33' feet at 20 gal. per minute.
Discharge in gal. per min. of flowing well.
How Tested: Dallas
Length of Test: 2 hours
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of ground water if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).

Driller's License Number
Driller's Signature

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

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

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

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

1. Name: Meal Decker
   Address: Greenough, Montana
   (Name of Appropriator) (Address)

County of Missoula State of Montana

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

1. The beneficial use on which the claim is based: household use.

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 1954, with use continuous.

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

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

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. The depth of each well or the general specifications of any other works for the withdrawal of groundwater:

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

10. The estimated amount of groundwater withdrawn each year:

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: Meal Decker
Date: 1955-01-14, 1963

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

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

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

<table>
<thead>
<tr>
<th>Owner</th>
<th>RAY JENSEN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>1654 SO 9TH WEST</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>JOHN FARRELL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>ARLEE, MONT</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>SEP 16, 1957</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Completed</td>
<td>SEP 21, 1957</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>Sec. 36, T.15N, R.14W, 1/4 sec.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment Used</td>
<td>CHURN</td>
</tr>
<tr>
<td>Water Use</td>
<td>Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]</td>
</tr>
<tr>
<td>Type of well</td>
<td>DRILLED [ ]</td>
</tr>
<tr>
<td>Casing</td>
<td>4 ft. to 39 ft. Type WROTT IRON Size 6&quot;</td>
</tr>
<tr>
<td>Casing</td>
<td>ft. to ft. Type Size</td>
</tr>
<tr>
<td>Casing</td>
<td>ft. to ft. Type Size</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td>Shutoff pressure</td>
<td>lb./sq. in. on: (date)</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>feet at gal. per min.</td>
</tr>
<tr>
<td>How tested</td>
<td>NONE</td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
</tr>
<tr>
<td>Remarks</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
</tbody>
</table>

I received and filed this instrument for recording on the 26th day of September, 1937, at 1:15 o'clock p.m., in the office of the Recorder of Deeds of Jasper County, State of Indiana.

W. J. Young, Recorder
By: _______ Deputy
Fee $5.00 Paid
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. K.L. Jacobson
   of Greenough, Montana
   (Name of Appropriator) (Address) (Town)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...
   1954 with continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   50 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 and Lawn, K.L. Jacobson

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   June 1954

8. The depth of water table:
   8 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   Driven, Sand Point, 14 Pipe

10. The estimated amount of groundwater withdrawn each year:
    N.A.

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

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:
    N.A.

Signature of Owner: [Signature]
Date: [Date]

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
I received and filed this instrument for record on the 27th day of [redacted], 1965 at 3:10 p.m., [redacted]. Permanent file at Mineral County, State of Montana.

Witness my hand:

[Signature]

Minister of State, County Recorder

No: 12-20

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

Office of State Forester
1100 Lolo
Missoula, Montana

County of Missoula
State of Montana

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

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

2. Date or approximate date of earliest beneficial use; and how continuous the use has been
   In continuous use since 1954

3. The amount of groundwater claimed (in miner's inches or gallons per minute)
   50 gal/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
   Not applicable

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Shallow well pump-located approximately 100 feet from Clearwater State Ranger Station

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Information not available

7. The depth of water table
   Eight feet

8. The depth of water table
   Eight 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
   Open well, 6 casing

10. The estimated amount of groundwater withdrawn each year
    Right feet = 20 well in dry
    Right feet = 20 well in dry

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

Office of State Forester

Signature of Owner

Deputy State Forester

Date: 12-27-63

Three copies to be filled 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.
<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>2</td>
<td>Northwest Ordinance</td>
<td>A4U3</td>
<td>283513</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Amos Turner</td>
<td>A4U2</td>
<td>313734</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Henry Hedge</td>
<td>A4U2</td>
<td>308712</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Ely Royce</td>
<td>A4U2</td>
<td>290675</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Darcy William P.</td>
<td>A4U2</td>
<td>294833</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Atchison Kansas Pacific Railway</td>
<td>A4U4</td>
<td>213192</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Kronen D.V.</td>
<td>A4U4</td>
<td>219227</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>McCaw, D.E.</td>
<td>A4U4</td>
<td>215432</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Anderson, Earth</td>
<td>A4U3</td>
<td>333751</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Warden, West E.</td>
<td>A4U2</td>
<td>508863</td>
<td></td>
</tr>
<tr>
<td>81</td>
<td>Stonehouse D.W.</td>
<td>A4U3</td>
<td>544549</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Stonehouse, D.W.</td>
<td>A4U4</td>
<td>345920</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Stonehouse, Max</td>
<td>A4U2</td>
<td>341922</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Ryan, Joseph Z.</td>
<td>A4U3</td>
<td>215189</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Ryan, Joseph Z.</td>
<td>A4U4</td>
<td>31263</td>
<td></td>
</tr>
</tbody>
</table>
**Notice of Completion of Groundwater Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1902
(Under Chapter 237, Montana Session Laws, 1961)

---

**Appropriation by Means of Well**

<table>
<thead>
<tr>
<th>Formations Log:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 36 Brown sandy gravel.</td>
<td></td>
</tr>
<tr>
<td>36 - 41 gravel embedded in tan clay.</td>
<td></td>
</tr>
<tr>
<td>41 - 82 sandy tan clay.</td>
<td></td>
</tr>
<tr>
<td>82 - 133 fine silty sand &amp; few scattered gravels. Seeps of water.</td>
<td></td>
</tr>
<tr>
<td>133 - 205 gray clay with a few gravels imbedded. Seeps of sandy clay.</td>
<td></td>
</tr>
<tr>
<td>205 - 208 fairly clean gray sand with few gravels mixed in.</td>
<td></td>
</tr>
<tr>
<td>208 - 213 red sand &amp; gravel mixed in red clay.</td>
<td></td>
</tr>
<tr>
<td>212 - 219 gravel imbedded in reddish brown clay.</td>
<td></td>
</tr>
<tr>
<td>219 - 227 reddish brown clay.</td>
<td></td>
</tr>
<tr>
<td>227 - 242 tan sand and gravel. Clean water.</td>
<td></td>
</tr>
<tr>
<td>242 - 246 right red gravel. Seeps w. of water.</td>
<td></td>
</tr>
<tr>
<td>246 - 248 red rock.</td>
<td></td>
</tr>
</tbody>
</table>

Water rises in the well 74'8" from surface.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cable</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATION</th>
<th>Borehole End</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>8 3/8&quot;</td>
<td>227</td>
<td>242</td>
<td>Johnson Wire Wound Water Well Screen with .020 continuous slot opening from 217 to 242</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>203</td>
<td>208</td>
<td>A 7 3/8 inch open bottom extends 212 to 245</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well at 248' feet.

Shut-in Pressure for flowing well at 1261 feet at 225 gal. per minute.

Discharge in gal. per min. of flowing well.

How Tested: Air-Lift Pump

Length of Test: Thirty hours

Remarks: (Gravel packing, cementing, packers, type of shut-off). All water entering well is coming through slot openings in screen. Wells in this area can be depended upon to produce clean sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 20 to 60 gallons per minute.)

U.S.G.S. tested capacity of the aquifer.

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).

**Approximately 357 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, same copy to be retained by driller.

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

---

Driller's License Number

Driller's Signature
283573

I received and filed this instrument for record on the 31st day of July, 1949.

State of Montana,

Winema County,

County Recorder,

For and on behalf of the undersigned.

[Signature]

[Typed Name]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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: Armstrong

Address: Alberton

Date well started: Nov 1971

completed: 11/71

Type of well: Drilled

Equipment used: Churn Drill

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

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

*Describe ...

USA: 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 Screen</th>
<th>Feet</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; id</td>
<td>75</td>
<td>0</td>
<td>175</td>
<td>does not apply</td>
</tr>
</tbody>
</table>

Static water level ...18 ft.

Pumping water level ...20 ft.

Pumped at ...gallons per minute,

measured... minutes after pumping began.

*Measured from ground level.

Well developed by baill & pump, for ...hours.

Power: ...HP. 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

Driller's Address: St. Regis, Montana

LICENSE NO. 23

500.29
I received and filed this instrument for recording on Jan. 9, 1929.

[Signature]

John B. Green, County Recorder
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: Ralph swee/
Address: Alberton, Montana

Date well started: Nov. 1971
completed: Nov. 1971

Type of well: Drilled
(Dug, driven, bored or drilled)

Equipment used: Churn Drill
(Churn Drll, rotary or other)

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

*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 Drilled Hole</th>
<th>Rise and Depth of Cutting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; Id</td>
<td>250 x 6&quot; Id</td>
<td>0</td>
<td>165 ½</td>
<td>does not apply</td>
</tr>
</tbody>
</table>

Static water level: 13 ft.
Pumping water level: 90 ft.
at: 25 gallons per minute, measured: 120 minutes after pumping began.

*Measured from ground level.

Well developed by: ball & pump
for: 3 hours.

Power: 110. Pump: 1 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: [Signature]
Driller's Address: Stu. Regis, Montana

LICENSE NO: 25

Show exact depth of bottom

49447
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**: Pierre Longpre

**Address**: Alberton, Montana

**Date well started**: May 1970

**Date well completed**: May 1970

**Type of well**: Drilled

**Equipment used**: Down Hole Drill

**Water Use**: Domestic

**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>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>172</td>
</tr>
</tbody>
</table>

**Static water level**: 39 ft

**Pumping water level**: 36 ft

---

**Static water level at gallons per minute**: measured minutes after pumping began.

---

**Well developed by**: 96 hours

**Power pump HP**: --

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

---

**LICENSE NO. 172**

---

**County**: Missoula

---

**Driller's Signature**: EUGENE N. LANE

**Driller's Address**: LAKE CITY, MONTANA

---

**SHOW Exact DEPTH of Bottom**

---

** county Recorder**

---

**County Recorder**
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 327 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

File Number

Date well started

Date well completed

Type of well

Equipment used

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). Lot 7, 8, 35, 36, 45, 46

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Use</th>
<th>To</th>
<th>Rate</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Top of Ground (ft. above sea level)

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
</tbody>
</table>

Static water level at pumping:

Pumping water level:

measured ___ gallons per minute, ___ minutes after pumping
began.

*Measured from ground level.

Well developed by ___ for ___ hours.

Power: Pump: ___ HP

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

Lots 7 & 8 of Cinderella Estates, a platted subdivision.

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

Driller's Signature

Driller's Address

License No.

Show exact depth of bottom
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1963**

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

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**STATE WATER CONSERVATION BOARD**

**Owner:** William A. McGee

**Address:** Alberton, Mont.

**Driller:** Same

**Date of Notice of appropriation of groundwater:** Oct. 2, 1969

**Date well started:** March 1969

**Date completed:** Apr. 1, 1969

**Type of well:** Driven

**Equipment used:** Driven Hammer

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

**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.**

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

23 feet

**Shut-In Pressure for flowing well**

2500 gal. per minute.

**Pumping Water Level**

23 feet

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

27 gpm

**How Test Drilled**

Motor-Driven Pump

**Length of Test**

12 hrs.

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

(Continue on reverse side)

**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).**

Domestic & Sprinkler irrigation

**Drilled by Self**

Driller's License Number

Driller's Signature

49486
I received and filed this Instrument for record on the 29th Day of May, 1970, at 2:30 P.M., pursuant to the laws of Minnehaha County, State of South Dakota.

Witness are bonded.

Vera J. Oakes, County Recorder

29/1/80

I, the undersigned Deputy

[Signature]
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

## STATE ENGINEER

### S lope Pol lish ng Co. Helena, Montana—MOnTANA

**File No.**

**DUPLICATE**

## STATE OF MONTANA

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

**Declaration of Vested Groundwater Rights**

** received Nov 26 1963**

**STATE ENGINEER**

**Northern Pacific Railway Co.**

<table>
<thead>
<tr>
<th>(Name of Appropriator)</th>
<th>(Address)</th>
<th>(Town)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**County of Missoula**

State of Montana

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

<table>
<thead>
<tr>
<th>1. <strong>Northern Pacific Railway Co.</strong></th>
<th>of</th>
<th>(Name of Appropriator)</th>
<th>(Address)</th>
<th>(Town)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lothrop</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based

- **Domestic purposes**

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

- **1940 to present**

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

- **2 gallons per minute**

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

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

- **Jet pump**

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

- **Unknown**

8. The depth of water table.

- **Unknown**

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.

- **125 foot deep well, 16 foot deep**

10. The estimated amount of groundwater withdrawn each year.

- **75,000 gallons**

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

- **None available**

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

- **None**

---

**Signature of Owner**

**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.
A
imctini and Ultd thli intfnimuil let
record an lh:...//....day ct *%4Tr 19&3
of Mlinuia County, Statu 0/ Montana
HARTW S. EEHNER, Bounty Jmtdn
Br........4w^.«!1»ia-<*JEaa«»p.putr
fw >.- £**»•>>. Paid (J

I received and filed this instrument for
record on the 18 day of Nov...1963
of Mlinuia County, State of Montana
Witness my hand:
MARTIN S. LEHNER, Bounty Recorder
By: Mary S. W.
Fee $ .24
paid
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Cliff Ramsey 2/17/64 Address: Alberton, Montana

Driller: Glenn Camp 703 Alder Address: Missoula, Montana

Date of Notice of Appropriation of Groundwater: 2/17/64 to 2/20/64

Date Well Started: 2/17/64 Date Completed: 2/20/64

Type of Well: Drilled Equipment Used: Churn drill

dug, driven, bored or (Churn, drill, rotary or other)

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>Strata</th>
<th>Kind of Drilled</th>
<th>Kind of Well</th>
<th>Static Water Level for non-flowing Well</th>
<th>Shut-in Pressure for Flowing Well</th>
<th>Pumping Water Level at 5 feet</th>
<th>Discharge in gal. per min. of flowing well</th>
<th>How Tested</th>
<th>License #</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 2' Top soil</td>
<td></td>
<td></td>
<td>6' above G.L.</td>
<td>118 feet</td>
<td>118 feet</td>
<td></td>
<td></td>
<td>7</td>
</tr>
<tr>
<td>2' to 11' Sand</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11' to 20' Sand &amp; clay &amp; gravel</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20' to 21' Sand &amp; Water</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21' to 47' Sandy clay</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>47' to 105' Sand</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>105' to 112' Broken rock &amp; sand</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>112' to 125' Broken rock &amp; water</td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

License # 7
Driller's License Number: 12-23

Driller's Signature: S. E. Camp

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.