Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, Michael John Harbin,
   (Name of Appropriator)
   2816 Rattlesnake Mission
   (Address)
   Missoula, Montana
   (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:
   (describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed:
   Enough for four houses and lawn sprink.

4. The annual period (inclusive dates) of intended use:
   Yearly all year

5. The probable or intended date of first beneficial use:
   Around 1927

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

7. The location, type, size and depth of well or wells contemplated:
   Not applicable

8. The probable or estimated depth of the water table or artesian aquifier:
   Not applicable

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:
    Date:

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however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.

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.
I received and filed this instrument for record on the 24th day of May, 1973, at 8:30 a.m. in the permanent files of Missoula County, State of Montana.

Witness my hand:

Dorothy L. Heub, County Recorder
Dorothy L. Heub, County Recorder
Deputy
Deputy

Fee $1.00

[Signature]

## WATER WELL LOG

**Owner:** Hendrickson Brothers  
**Address:** Rattlesnake

**Driller:** Glenn Campsis  
**Address:** Missoula, Mont.

**Date Started:** Mar. 6, 1960  
**Date Completed:** Mar. 10, 1960

**Location:** Sec. 14 T. 17 N. R. 19 W. M. Sec.

### Type of well
- Drilled

### Equipment used
- Churn Drill

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

### Casing
- **0 ft.** to **21 ft.**  
  - Type: Standard  
  - Size: 2" I.D. 19 Gage Steel

### Perforated or Screened
- **0 ft.** to **28 ft.**  
  - Type:  
  - Size:

### Static Water level
- **18 ft.** from ground level

### Shut-in pressure
- **22 lb.** per sq. in. on: (date)

### Pumping water level
- **24 drawdown feet at 18 ft.** gal. per min.

### How tested
- Bailer

### Length of test
- **2 hours**

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

---

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 13'</td>
<td>Boulders and gravel</td>
</tr>
<tr>
<td>13' - 15'</td>
<td>Clay and gravel</td>
</tr>
<tr>
<td>15' - 21'</td>
<td>Boulders, gravel and water</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.

Edotte Jacobson
Owner

Address 1952 Wylie
Missoula, Montana

Date well started Sept. 25, 1971
completed Sept. 25, 1971

Type of well Drilled
(Des. drilled, bored or drilled)

Equipment used Churn Drill
(Churn drill, rotary or other)

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 Drilled</th>
<th>Size and Depths of casing</th>
<th>Top of Ground (ft. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; ID</td>
<td>77 lb above g.s.</td>
<td></td>
</tr>
</tbody>
</table>

Static water level 18 ft.
Pumping water level 28 ft.
at 80 gallons per minute,
measured 7 minutes after pumping began.

Measured from ground level.
Well developed by for 12 hours.
Power: Diesel, 3 HP, Pump apply:
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 Camp Well Drilling & Pump Supply
Driller's Address 1952 S. 14th Ws, Missoula, Montana 59801

Show exact depth of bottom
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

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

FILE NO. T. R.

TENANT

DECLARATION

COUNTY OF

STATE OF

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

1. NAME OF APPROPRIATOR

ADDRESS

TOWN

2. THE BENEFICIAL USE ON WHICH THE CLAIM IS BASED

AGRICULTURE

3. DATE OR APPROXIMATE DATE OF EARLIEST BENEFICIAL USE; AND HOW CONTINUOUS THE USE HAS BEEN

AT LEAST 1943

4. THE AMOUNT OF GROUNDWATER CLAIMED (IN MINER'S INCHES OR GALLONS PER MINUTE)

MINUTES OR

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 DRAWING 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 WHICH MENTION THE PROPERTY

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 12 day of Dec., 1922, at 9:10 clock A.M., permanent time of Missoula County, State of Montana.

Witness my hand:

MARTIN J. REINER, County Recorder

By: [Signature]

Deputy

Feb 12, 1923

Field
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

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

<table>
<thead>
<tr>
<th>1.</th>
<th>CHARLES W. LEAPHAM</th>
<th>State of</th>
<th>MISSOULA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of Appropriator</td>
<td>Route 64</td>
<td>Missoula</td>
<td>MISSOULA</td>
</tr>
<tr>
<td>Address</td>
<td>Town</td>
<td>County</td>
<td>State of</td>
</tr>
</tbody>
</table>

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

2. The beneficial use on which the claim is based: Household, irrigation, livestock and farm purposes.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 1939—In uninterrupted use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Ten (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: A parcel and parcel of land in excess of one (1) acre, described as follows:

<table>
<thead>
<tr>
<th>N 60'-65W 64'</th>
<th>60N-65W-64S-TL-RAFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indicate point of appropriation and place of use, if possible.</td>
<td></td>
</tr>
</tbody>
</table>

Beginning at the Southwest Corner of the SW 1/4 of Section 16, Twp. 13 N., Rge. 19 W., and running thence north along said quarter line 31 rods from a starting point; thence north 9 rods; thence east along a line parallel with the South line of said quarter, 20 rods; thence South 9 rods; thence west 20 rods to the place of the beginning.

6. The date of commencement and completion of withdrawal of groundwater: January 14.

7. The depth of water table: Varies from 17 feet at times in summer to much lower in winter months.

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:

<table>
<thead>
<tr>
<th>N 60'-65W 64'</th>
<th>60N-65W-64S-TL-RAFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beginning at the Southwest Corner of the SW 1/4 of Section 16, Twp. 13 N., Rge. 19 W., and running thence north along said quarter line 31 rods from a starting point; thence north 9 rods; thence east along a line parallel with the South line of said quarter, 20 rods; thence South 9 rods; thence west 20 rods to the place of the beginning.</td>
<td></td>
</tr>
</tbody>
</table>

8. The depth of water table: Varies from 17 feet at times in summer to much lower in winter months.

9. The depth of water table: Varies from 17 feet at times in summer to much lower in winter months.

10. The depth of water table: Varies from 17 feet at times in summer to much lower in winter months. Depends on dryness of year.

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 available.

Signature of Owner: Charles W. Leapham
Date: December 12, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
**STATE OF MONTANA**
**ADMINISTRATOR OF GROUNDWATER CODE**
**MONTANA WATER RESOURCE 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 sender 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.

---

**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.

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>Other, above sea level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gt. 11'</td>
<td>Black dirt and</td>
</tr>
<tr>
<td>Gt. 12'</td>
<td>Gravel</td>
</tr>
<tr>
<td>Gt. 13'</td>
<td>Tar, Clay, gravel</td>
</tr>
<tr>
<td>Gt. 20'</td>
<td>Tar, Clay, sand and</td>
</tr>
<tr>
<td>Gt. 24'</td>
<td>Clay</td>
</tr>
<tr>
<td>Gt. 36'</td>
<td>Sand, gravel, cobble</td>
</tr>
<tr>
<td>Gt. 67'16&quot;</td>
<td>Sand, gravel, cobble</td>
</tr>
</tbody>
</table>

---

**Owner:** C. W. LEAPHART

**Address:** 2820 HAYTON AVE., MISSOULA, MONTANA

**Date well started:** JUNE 12, 1973

**Date well completed:** JUNE 19, 1973

**Type of well:** DRILLED

**Equipment used:** CHURN

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>Well Diameter</th>
<th>Well Depth</th>
<th>Depth of Water</th>
<th>Static Water Level</th>
<th>Pumping Water Level</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; X 8&quot;</td>
<td>45'</td>
<td>0'</td>
<td>27'</td>
<td>none</td>
<td>none</td>
</tr>
</tbody>
</table>

Static water level = 27' from ground level.
Pumping water level = 24' from ground level.

**Measurements:**

- Measured from ground level.
- Well developed by centrifugal pump for 180 minutes after pumping began.
- Measured after pumping for 2 hours.
- Power: ... HP Pump: ...

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

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

Driller's Signature: William J. Williams

Driller's Address: 1856 80th W., MISSOULA, MONTANA

License No.: 151

---

Show exact depth of bottom: 57'16"
I received and filed this instrument for record on the 26 day of June 1971 at 10:00 o'clock A.M. Permanent file of Missoula County, State of Montana.

Witness, my hand:

Dorothy L. Haas, County Recorder
By: Thomas Haas, Deputy
Fee $5.00 plus $0.50
<table>
<thead>
<tr>
<th><strong>Owner</strong></th>
<th>Earle J. Martin</th>
<th><strong>Address</strong></th>
<th>Butte, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Driller</strong></td>
<td>Glenn Camp</td>
<td><strong>Address</strong></td>
<td>Missoula, Montana</td>
</tr>
<tr>
<td><strong>Date Started</strong></td>
<td>Oct 5, 1961</td>
<td><strong>Date Completed</strong></td>
<td>Oct 11, 1961</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>Sec. 14, T. 13N, R. 19W</td>
<td>Lot 6, Block 2, Mount Oxford Addition</td>
<td></td>
</tr>
</tbody>
</table>

**Type of well**: Drilled  
**Equipment used**: Churn Drill  
**Water use**: Domestic, Municipal, Stock, Irrigation, Industrial, Drainage, Other

- **Casing**: 18 in. above ground to 53 ft., Type Seamless, Size 6 in. I.D., 19 lb.
- **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**: 39' to ground level, 20 feet.  
**Shut-in pressure, for flowing well**: _____ lb./sq. in. on: no draw down

**Pumping water level**: 39' feet at 40 gal. per min. (date)

**How tested**: Riser

**Length of test**: 2 hours

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

Put in exact location and file with the County Clerk & Recorder

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0'</td>
<td>21'</td>
<td>Pit</td>
<td></td>
</tr>
<tr>
<td>8'</td>
<td>46'</td>
<td>Clay, gravel, a little sand &amp; boulder</td>
<td></td>
</tr>
<tr>
<td>46'</td>
<td>64'</td>
<td>Sand, gravel &amp; water</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION 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)

Mrs. Bertha B. Fatten
Owner. 2710 Brant Ave.
Address: Missoula, Montana

Driller: O.K.G. Drilling
Address: Box 670, Missoula

Date of Notice of appropriation of groundwater: May 29, 1970

Date of Notice of appropriation of groundwater: May 5, 1970

Type of well: Drilled
Equipment used: Churn Drill

75 Static water level
Water use: Domestic

75-90 Boulder, gravel, water and traces of clay

90 Exact depth of bottom

<table>
<thead>
<tr>
<th>Site of Defined 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></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 175 feet.
Shut-in Pressure for Flowing Well: 750 feet.
Pumping Water Level: 77 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well: 750 feet.

How Tested: Bailier and Test Pump
Length of Test: 7 hours

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

(Continue on reverse side)

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

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

Henry T. Murray, of 2404 Brayton Ave., Missoula (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 and Lawn Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. There has been a well on this place since around 1900. Exact date unknown.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 20 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.
   Jet pump located rear 30 ft Lot 7, Block 2 Murray Tracts

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   Dug well was replaced with a well drilled in 1952

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   Approximately 45 feet

8. The depth of water table.
   50 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.
   5 inch steel casing

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

11. The log of formations encountered in the drilling of each well if available.
    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.
    Nothing has ever been placed of record to my knowledge

Signature of Owner

Date: December 31, 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: Henry R. Hyatt
Address: Missoula, Montana

Driller: O.L.O. Drilling
Address: Box 670, Missoula

Date of Notice of appropriation of groundwater: Aug. 13, 1969
Date well started: Aug. 20, 1969
Date completed: Aug. 29, 1969

Type of well: Drilled
Equipment used: Churn drill
(Dog, driven, bored or drilled) (Churn drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>Depth of Strata</th>
<th>Size of Shells (inches)</th>
<th>Size and Weight of Cutting</th>
<th>Pressure (feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>45-55 Gravel, sand and clay</td>
<td>6&quot;</td>
<td>17&quot;</td>
<td>6' down 68'</td>
<td>---</td>
</tr>
<tr>
<td>55-68 Water, sand and gravel</td>
<td>6&quot;</td>
<td>17&quot;</td>
<td>6' down 68'</td>
<td>---</td>
</tr>
<tr>
<td>68-72 Clay and broken gray rock</td>
<td>6&quot;</td>
<td>17&quot;</td>
<td>6' down 68'</td>
<td>---</td>
</tr>
<tr>
<td>72-79 Gray rock</td>
<td>6&quot;</td>
<td>17&quot;</td>
<td>6' down 68'</td>
<td>---</td>
</tr>
<tr>
<td>79 Bottom of hole</td>
<td>6&quot;</td>
<td>17&quot;</td>
<td>6' down 68'</td>
<td>---</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
4' inches

Shut-In Pressure for flowing well
50 pounds per square inch

Pumping Water Level
21' feet

Discharge in gal. per min. of flowing well
55 gallons per minute

How Tested
Boiler

Length of Test
3 hours

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

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

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

Driller's License Number

Driller's Signature

File No. 281289

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; lieu copy to be retained by driller.

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; lieu copy to be returned by driller.

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

Driller's License Number

Driller's Signature
Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, THE MONTANA POWER COMPANY of Missoula (Name of Appropriator)
    County of Missoula, State of Montana (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 Municipal Use

3. The rate of use in gallons per minute or inches of groundwater claimed 800 GPM

4. The annual period (inclusive dates) of intended use May to October (1964)

5. The probable or intended date of first beneficial use July 1964

6. The probable or intended date of commencement and completion of the well or wells July 1964

7. The location, type, size and depth of well or wells contemplated
   E. Rattlesnake on 30th Street, Churn Drilled with 49 ft, 12" Casing

8. The probable or estimated depth of the water table or artesian aquifer 60 Feet

9. Name, address and license number of the driller engaged
   Glenn Camp, 705 Alder Street, Missoula, Montana, License No. 7

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

   Signature of Appropriator
   MISSOULA DIVISION MANAGER
   Date...July 13, 1964

* 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.

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.
I received and filed this instrument for record on the 20th day of April, 1969.

[Signature]

[Notary Public]

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

Owner: Montana Power
Address: Corner of 30th St

Driller: Glenn Camp TOJ Alder
Address: Missoula, Montana

Date of Notice of Appropriation of Groundwater: July 3, 1964

Date well started: June 13, 1964
Date Completed: July 8, 1964

Type of well: Drilled
Equipment Used: Churn drill

d (dug, driven, bored or drilled)

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

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

Show exact depth of bottom.

The Montana Power Co.
Driller's License Number

By
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.
Received and filed this instrument for recording.

County Recorder

By:

Deputy

Paid

Deputy

State of Montana

By:

Deputy

County Recorder

Received and filed this instrument for recording.

County Recorder

By:

Deputy

Paid

Deputy

State of Montana

By:

Deputy

County Recorder

Received and filed this instrument for recording.

County Recorder

By:

Deputy

Paid

Deputy

State of Montana

By:

Deputy

County Recorder

Received and filed this instrument for recording.

County Recorder

By:

Deputy

Paid

Deputy

State of Montana

By:

Deputy

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

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

1. Name: Mrs. Guy Mooney
   Address: 1203 Johnson Ave
   Town: Missoula
   County: Missoula
   State: Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 3-31-51

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 20 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: 10 acres, Park Addition

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 3-3-51 to 5-31-51

8. The depth of water table: 50 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 67’ deep; 6” iron pipe

10. The estimated amount of groundwater withdrawn each year: 200 gal/day

11. The log of formations encountered in the drilling of each well if available: mostly gravel, some rock — no trouble

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: well drilled by J. W. Rech Photo brag 1816 3-17-51

Signature of Owner: [Signature]
Date: June 18, 1964

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
I received and filed this instrument for record on the 15th day of January, 19__ at 10:30 a.m., P.M., permanent time of Missoula County, State of Montana.

Witness my hand:

Vergene E. Gregory, County Recorder
By: [Signature] Deputy

[Stamp]
**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:** PINE VIEW PARK DEVELOPMENT

**Address:** Missoula, Montana 59801

**File No.:** 509671

**Date well started:** May 22, 1971

**Type of well:** Drilled

**Equipment used:** Churn Drill

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

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

**Describe Park Development**

**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>Date</th>
<th>Hour</th>
<th>Minute</th>
<th>Length</th>
<th>Diameter</th>
<th>Perforations</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>6'10&quot;</td>
<td>0'0&quot;</td>
<td>0'0&quot;</td>
<td>1'0&quot;</td>
<td>18 lb above per ft.</td>
<td>none</td>
<td></td>
</tr>
</tbody>
</table>

Static water level ........... 18 ft.*

Pumping water level ....... 22 ft.*

at ....... 209 gallons per minute, measured ....... minutes after pumping began.

*Measured from ground level.

Well developed by compressor.

Power ... Electric Pump ... 5 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: Camp Well Drilling & Pump Supply

Driller's Address: 1522 S. 16th St., Missoula, Montana 59801

Driller's Signature: LICENSE NO. 49530

---

49530 Show exact depth of bottom
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Roderick and Joan Prezaleau, of 1316 Murray St., Missoula
   (Name of Appropitator) (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: Domestic

3. Date or approximate date of earliest beneficial use; and how continuous it has been since: Dec. 1, 1961
   Continuous use since completion of well.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 14 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 for domestic and lawn use:
   Site is 90 x 120 ft. 1080 sq. ft.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Electric submersible pump located 45 ft. from side line and 20 ft. from rear property line.

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

8. The depth of water table: 45 ft. from surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 7 inch black steel water casing 65 ft. deep. Water enters bottom of casing.

10. The estimated amount of groundwater withdrawn each year: 146,000 gallons a year

11. The log of formations encountered in the drilling of each well if available: formation: 0-1 ft. top soil 1-12 ft. gravel and boulders 12-26 ft. gravel and boulders embedded in clay 28-30 ft. loose gravel and boulders 30-48 ft. loose gravel and boulders 48-62 ft. loose gravel and water 52-65 ft. loose boulders and water.

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: Well drilled and installed by Liberty Drilling and Pump Co., owner and president—William F. Osborne

   Signature of Owner

   Date December 31, 1961

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

1. Russell O. Schreiber
   of 1800 Nylle
   Missoula
   (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 and irrigation purposes

   3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
      Approx. 1961, used continuously since then

   4. The amount of groundwater claimed (in miners inches or gallons per minute):
      650 gals. per min.

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of owner thereof:
      5 lots, landscaped lawns - Russell O. Schreiber

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
      Electric pump located on north side and attached to dwelling

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

   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:
      Electric type pump with 3/4 HP electric motor
      well is 95 feet deep, with 85 feet of water

   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:
        Not known

   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:
        Book 102, page 545

Signature of Owner:

Date: Dec. 26, 1963

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

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

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

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

1. Wayne P. Van Meter
   (Name of Appropriator)

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: 1937 -- continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 5 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 thereon: 10 acres -- irrigation of assorted trees, shrubs, lawn, for private use.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: fractional horsepower electric motor centrifugal pump and pressure system, 70 gal/sided.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1964.

8. The depth of water table: 20 ft below ground level.

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" diam. casing, 80 ft deep.

10. The estimated amount of groundwater withdrawn each year: 90,000 gal.

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

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

Signature of Owner: Wayne P. Van Meter
Date: Jan 3, 1964

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Ronald L. Wilkinson
   (Name of Appropriator)
   710 City Dr
   (Town)
   Missoula
   (City)
   Montana
   (State)
   County of Missoula
   (County)

The above-named has 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 for 2 homes

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 15 - 20 yrs
   CONSTANT USE

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 30 gpm PER MIN.

5. If used for irrigation, give the acres 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: W.E.L.
   AND ELECTRIC PUMP

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

8. Depth of water table: 60'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   Casing - W.E.L.
   Depth, approx. 40 ft

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: Not Known

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:
   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 Appropirator.

Signature of Owner: T. J. Weise
Date: Jan 7, 1964

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
I received and filed this instrument for record on the ___ day of __________ at ___ o'clock ___ M., for record in the office of Clerk ___ M., MILLENIUM COUNTY, State of Montana.
Witness my hand.

MARTIN D. BROWN, County Recorder

This day of __________. Paid
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

(Name of Appropriator) (Address) (Town)

County of Montana State of Montana

I 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.

2. Date or approximate date of earliest beneficial use; and how continuous the use has been. 10 years, every day.

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 the water has been applied and name of the owner thereof.

5. Date or approximate date of earliest beneficial use; and how continuous the use has been. 10 years, every day.

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, walls, 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 21st day of April, 1928, at the office of the Recorder of Missoula County, State of Montana, under my hand.

[Signature]

County Recorder

By [Signature], Deputy

[Date]
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

1. DAVID W. CHASE, of RT 4, W. GREENOUGH DRIVE, MISSOULA.
   (Name of Appropriator)

   County of MISSOULA, State of MONTANA
   (County) (State)

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

   2. The beneficial use on which the claim is based

      HOUSEHOLD USAGE

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

      1951—CONTINUOUS DAILY USAGE

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

      Domestic use

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

      None

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

      Jet-pump

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

      1951

   8. The depth of water table

      * VALUE STANDARDS
      * 52'-6'-56' (Static water level 55')

   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

      * 67'-I.D.—Iron pipe—Drilled to 90'

   10. The estimated amount of groundwater withdrawn each year

      For domestic use

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

      .0 to 52'-Clay, gravel & boulders
      52'-56'-Broken rock & water
      56'-90'-Solid rock, no water
      Gaging perforated at 52' to 56' (Tested at 30 g.p.m.)

   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

      Does not apply

   Signature of Owner

   Date: 6-26-63

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

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

The Montana Power Company, of 40 East Broadway, Butte, 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. Municipal supply.
2. The date or approximate date of earliest beneficial use; and how continuous the use has been. May 1938, 24 hrs. per day for each year since 1938.
3. The amount of groundwater claimed (in miner’s inches or gallons per minute). 300 gallons per minute = 24 hours per day.
4. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pumped from well.
5. The acreage and description of the lands to which water has been applied and name of the owner thereof.
6. The type, size and depth of each well or other works for the withdrawal of groundwater.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Drilling started July 9, 1937, well completed August 24, 1937.
8. The depth of water table. 37 ft.
9. So far as it may be available, the general specifications of any other works for the withdrawal of groundwater. Well 10” I.D. steel = 70’ deep.
10. The estimated amount of groundwater withdrawn each year. 9,500,000 gallons.
11. The log of formations encountered in the drilling of each well if available. 0’ to 70’ clay, gravel, boulders, solid rock in bottom of well.

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

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

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

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

STATE ENGINEER

William H. Randolph, Jr., 4140 Wood Ave, Missoula
(Name of Appropriator)

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

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

3. Date or approximate date of earliest beneficial use and how continuous the use has been: The earliest beneficial use was in April 1923, and continuous since that time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1000 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: N.E. 1/4, T.12 N., R.19 E. 1920 acres, with irrigation district.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Construction began March 1, 1923, and completed construction about April 15, 1923.

8. The depth of water table: This is a spring water well.

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: This well is an open ditch.

10. The estimated amount of groundwater withdrawn each year: Unable to determine.

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: William H. Randolph, Jr.
Date: December 20, 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.
I, Martin K, do solemnly swear that the instrument hereto attached was executed by me, the undersigned, and that the same was properly and legally executed and acknowledged in the presence of me and of the person or persons whose names are subscribed to the instrument. This done on the 21st day of March, 1952, at 2:30 o'clock P.M., at Lakeview, Missoula County, State of Montana.

Witness my hand:

MARTIN K. REITHEL

[Signature]

Notary Public

[Seal]

Missoula, Montana
# Declaration of Vested Groundwater Rights

## STATE OF MONTANA

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

---

1. **Steckner, Maurice F. & Phyllis C.**
   - 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:

   2. The beneficial use on which the claim is based
      - A well for drinking and irrigating purposes

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      - July 1951, and continuous since

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

   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
      - Lake 15, thru 20 inclusive of block 27

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
      - Electric Pump, on lot 20 of block 27

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      - 1951

   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
      - Approximately 50 feet deep of casing

   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
      - Not known

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

   **Signature of Owner:** Phyllis C. Steckner

   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.

1937
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **KENNED R. WANNER**
   - **Name of Appropriator**
   - **Address**
   - **Town**

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:
   - **1949**
   - **20 years**

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   - **80 gallons/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:
   - **Approx. 1.24 acres**
   - **K.A. Wanner**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - **Pump located on vacated park lot**

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

8. The depth of water table:
   - **40 feet** (varies)

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:
   - **31/2" Pump**
   - **6 1/2" Well**

10. The estimated amount of groundwater withdrawn each year:
    - **6 to 7 hundred thousand gallons**

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

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:** 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

M. J. Traynor
of W. Crowough Drive, Missoula

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

1. Name of Appropriator: M. J. Traynor
   Address: W. Crowough Drive, Missoula
   Town: Missoula

2. The beneficial use on which the claim is based
   Water for domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   June 1940 to 1955

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   approx. 6 G. P.M.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   1 H. P., single stage shallow well
   Jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   June 1940

8. The depth of water table
   37' from surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   Well 90' deep, drilled with churn drill
   Cased with 85' of 6 1/2 O.D., 11' per ft. steel well casing

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

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

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

Signature of Owner: M. J. Traynor
Date: June 29, 1960

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

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 | Howard N. Norton
| Address | 924 Stoddard
| County | Missoula, Montana
| File No. | 59801
| Date well started | May 11, 1972 GW 1
| Date well completed | May 12, 1972
| Type of well | Drilled
| Equipment used | Churn Drill
| Water Use | Domestic [x] 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**

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Driller</th>
<th>From (ft.)</th>
<th>To (ft.)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; B.D.</td>
<td></td>
<td>0</td>
<td>92</td>
<td>None</td>
</tr>
</tbody>
</table>

Static water level: 48 ft.

Pumping water level: 58 ft.

at: 40 gallons per minute measured 5 minutes after pumping began.

*Measured from ground level.

Well developed by compressor for 25 hours.

Power: Does not pump.

Remarks: (Gravel packing, cementing, etc.).

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

Driller's Signature: [Signature]

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

LICENSE NO. 7

Top of Ground (Give above sea level)

<table>
<thead>
<tr>
<th>From (ft.)</th>
<th>To (ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>2 Brown Topsoil</td>
</tr>
<tr>
<td>2</td>
<td>9 Top Clay &amp; Gravel</td>
</tr>
<tr>
<td>9</td>
<td>73 Cobblestones</td>
</tr>
<tr>
<td>13</td>
<td>73 Clay and Gravel</td>
</tr>
<tr>
<td>75</td>
<td>77 Gravel &amp; Sand</td>
</tr>
<tr>
<td>77</td>
<td>84 Sands Clay and Gravel</td>
</tr>
<tr>
<td>84</td>
<td>92 Gravel Sand &amp; Water</td>
</tr>
</tbody>
</table>

Show exact depth of bottom 92 ft.
I received and filed this instrument for
notarized on the 27th day of June 1934
at 10:30 A.M. permanent file
of Minnehaha County, State of Minnesota.
Witness my hand.

Vacation:

Plaintiffs: County Recorder

Defendants: Deputy

For: J.D. [illegible] - Paid
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

CITY OF MISSOULA CEMETARY WELL

Under Chapter 237, Montana Session Laws, 1961

<table>
<thead>
<tr>
<th>Stratum</th>
<th>Type of Stratum</th>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-12</td>
<td>Cobblestone &amp; clay</td>
<td>CITY OF MISSOULA</td>
<td>Citie St., Missoula</td>
<td>Glenn Camp</td>
<td>Missoula, Montana</td>
</tr>
<tr>
<td>12-25</td>
<td>Gravel &amp; clay</td>
<td>Cemetery</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25-30</td>
<td>Clay &amp; Sand</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30-40</td>
<td>Clay</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40-82</td>
<td>Sand &amp; Clay</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>82-80</td>
<td>Sand, Clay &amp; Water</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date of Notice of appropriation of groundwater: Dec. 20, 1962

Appropriate water for: Domestic ☐, Municipal ☐, Stock ☐, Irrigation ☐, Industrial ☐, Drainage ☐, Other ☐

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

<table>
<thead>
<tr>
<th>Stratum</th>
<th>Character</th>
<th>Thickness</th>
<th>Water use</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-12</td>
<td>Clay, sand</td>
<td>variable</td>
<td>Domestic</td>
</tr>
<tr>
<td>12-25</td>
<td>Gravel</td>
<td>variable</td>
<td>Stock</td>
</tr>
<tr>
<td>25-30</td>
<td>Sand</td>
<td>variable</td>
<td>Irrigation</td>
</tr>
<tr>
<td>30-40</td>
<td>Clay</td>
<td>variable</td>
<td>Industrial</td>
</tr>
<tr>
<td>40-82</td>
<td>Sand</td>
<td>variable</td>
<td>Drainage</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 48 feet.

Shut-in Pressure for flowing well: 19 psi.

Pumping Water Level: 60 feet at 800 gal. per minute.

Discharge in gal. per min. of flowing well: 60 gal.

How Tested: Air Compressor

Length of Test: 6 hours

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

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).

License No. 7

Driller's License Number: 43,047

Driller's Signature: Glenn Camp
I received and filed this instrument for record on the \textit{\textbf{6}} day of April, \textit{\textbf{19}}\textit{\textbf{6}}, \textit{\textbf{9}} a.m. of \textit{\textbf{clock}}, \textit{\textbf{P.M.}}, permanent time of Missoula County, State of Montana.
Witness my hand:

\textit{\textbf{Preceding}:}, County Recorder

\textit{\textbf{Following}:} By:\textit{\textbf{Preceding}}\textit{\textbf{Following}}

\textit{\textbf{Fee and Grant}}
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: White Pine Sand Co.  Address: Missoula

Driller: Kane Water Well Drilling  Address: St. Paul

Date of Notice of Appropriation of Groundwater: 7/29/64

Date well started: 9/3/64  Date completed: 9/15/64

Type of well drilled: (dug, driven, bored or churn, drill, rotary or other)

Equipment Used: Shunt

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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casings</th>
<th>Pressure (Feet)</th>
<th>Depth (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot; 1d</td>
<td>8&quot; 1d</td>
<td>0</td>
<td>115</td>
<td>4 x 5 100 115</td>
</tr>
</tbody>
</table>

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

Shut-in Pressure for Flowing Well does not apply...

Pumping Water Level...feet...gal. per minute.

Discharge in gal. per min. of flowing well...does not apply...

How Tested: air-compressor...Length of Test: 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)

Driller's License Number: 25

Driller's Signature: Kane

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 27th day of Aug., 1907, at 11:20 o'clock, A.M., in the presence of Mr. A. D. Hulse, Notary Public of Midland County, State of Michigan.

Witness my hand:

Vance H. Cartwright, County Recorder
By

Fred J. Johnson, Deputy

Paid $50.00.
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. MISSOULA WHITE PINE SASH CO. of Scott A. Stoddard
   (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: sanitation & drinking water, boiler feed water, sawmill operation.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1924 - continuous.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1300 G.P.M.

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

   6. The means of withdrawing such water from the ground and the location of each well or other works for withdrawal: 1 deep well - 1 at factory - 1 at sawmill.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Factory well = 1924; Sawmill well = 1947.

   8. The depth of water table: 50 ft.

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled factory well 4" casing 106 ft. deep; Drilled sawmill well 12" casing 110 ft. deep.

   10. The estimated amount of groundwater withdrawn each year: 145,000,000 gallons.

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

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

   MISSOULA WHITE PINE SASH CO.
   Signature of Owner: 
   By: R.F. Bush, Treasurer:
   Date: 12/16/63

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.
I received and filed the instrument in
Russell County, Kansas, on the 23rd
day of March, 1914, at 3:00 P.M.
Witness my hand.

MARTIN D. BRADLEY, County Recorder
By: ____________________________ Deputy

I received and filed the instrument in
Russell County, Kansas, on the 23rd
day of March, 1914, at 3:00 P.M.
Witness my hand.

MARTIN D. BRADLEY, County Recorder
By: ____________________________ Deputy
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

UNDER CHAPTER 237, MONTANA SESSION LAWS, 1961

File Number: MTANA WATER RESOURCES BOARD

Notice of Completion of Groundwater Appropriation by Means of Well

Owner: Cissola White Pine Address: Cissola

Driller: Cissola White Pine Address: St. Regis

Date of Notice of appropriation of groundwater: 9/27/67

Date well started: 10/4/67 Date completed: 10/11/67

Type of well: Drilled Equipment used: Other

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

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

<table>
<thead>
<tr>
<th>Size of Drilled</th>
<th>Size and Depth of Gravel</th>
<th>Perforation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dia. (In.)</td>
<td>Depth (Feet)</td>
<td>Flow (GPM)</td>
</tr>
<tr>
<td>16</td>
<td>0</td>
<td>131</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested: PUMP

Length of Test: 6 HRS

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

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

(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).

Standby FIRE PUMP

Driller's License Number

Driller's Signature

4/21/67