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

1. The Montana Power Company, 40 East Broadway, Butte, Montana
   (Name of Appropriator) (Address) (Town)
   County of Mineral, 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: Municipal supply

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Estimate 1890 - water used 24 hours per day

   4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 300 gallons per minute - 24 hours per day

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

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: By springs - water is collected in tunnel, diverted to transmission main by gravity

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: No information

   8. The depth of water table: 8' from surface to bottom of tunnel

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 16” perforated concrete pipe laid in tunnel to pick up water

   10. The estimated amount of groundwater withdrawn each year: 170,000,000 gallons

   11. The log of formations encountered in the drilling of each well if available: Loam, rock and soil

   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:

   (CORPORATE SEAL)
   ATTEST: [Signature of Owner]
   Its Secretary
   By [Signature of Vice President]
   Date February 1, 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.
I certify that I received and filed this instrument for record on this 2nd day of April, 1942, at 8:05 o'clock A.M.

G. E. Wilkins
County Recorder

S. E. Wilke
Deputy
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Frank Anthony
Address: Superior

Driller: Joe Gaff
Address: Butte

Date Started: Feb. 26th
Date Completed: Mar. 10th

Location: Sec. 28, T. 19N, R. 26W, 1/4 sec. 94, Harrison Dist.

Type of well: Drilled
Equipment used: derrick drill

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

Casing: 0 ft. to 106 ft.
Type: Sheet
Size: 6 inch

Perforated or Screened: Ft. to Ft.
Type of screen or perforations:

Static Water level, for non-flowing well: 20 feet.
Shut-in pressure, for flowing well:

Pumping water level: 16 feet at 350 gal. per min.

How tested: Pumped

Length of test:

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

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0' - 9'</td>
<td>Sand</td>
</tr>
<tr>
<td>10' - 75'</td>
<td>Rock + silt</td>
</tr>
<tr>
<td>76' - 80'</td>
<td>Sand + water</td>
</tr>
<tr>
<td>81' - 84'</td>
<td>Clay</td>
</tr>
<tr>
<td>85' - 106'</td>
<td>Water + coarse gravel</td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana  

WATER WELL LOG  

Owner:  
Address:  

Driller:  
Address:  

Date Started:  
Date Completed:  

Location: Sec. 28 T. 17 N. R. 76 W. 4th sec. 49 sec. 47.3 acres.  

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

Water use:  
Domestic  
Municipal  
Stock  
Irrigation  
Industrial  
Drainage  
Other:  

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

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

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

Perforated or Screened:  
0 ft. to 100 ft.  Type of screen or perforations:  
Pt. to Pt.  

Type of screen or perforations  

Static Water level, for non-flowing well:  
Shut-in pressure, for flowing well:  

Pumping water level:  

How tested:  

Length of test:  

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

(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0' - 15'</td>
<td>Sand</td>
</tr>
<tr>
<td>16' - 60'</td>
<td>Rock + dirt</td>
</tr>
<tr>
<td>61' - 80'</td>
<td>Sand + water</td>
</tr>
<tr>
<td>81' - 85'</td>
<td>Clay</td>
</tr>
<tr>
<td>86' - 100'</td>
<td>Water + course gravel</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>JENNIE M. ELLIOTT</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

County of ____________  State of ____________

I, JENNIE M. ELLIOTT, 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: Domestic use and irrigation of permanent crops.
2. Date or approximate date of earliest beneficial use: October 1959. Continuously.
3. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 GPM from 4" well with submersible pump.
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: 10 acres of farm land.
5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 4" well with submersible pump.
6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: August 1, 1959.
7. The depth of water table: 15 ft.
8. The estimated amount of groundwater withdrawn each year: 50,000 gallons.
9. The log of formations encountered in the drilling of each well if available: Drilled by JENNIE M. ELLIOTT.
10. 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: JENNIE M. ELLIOTT
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 Appropiator.
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Jennie M. Elliott**, of **Superior**
   - **Address**:  
   - **Town:**
   - **County of Montana**
   - **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: **Store, Apartments, Trailer Court, Irrigation**

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **All that ever was used—well pumped**

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   - **Acreage**: [Insert acreage]  
   - **Description**: [Insert description]
   - **Owner**: [Insert owner]

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: **Commenced in 1954—completed in 1955**

8. The depth of water table: **6 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:

10. The estimated amount of groundwater withdrawn each year: **Required fill to be reflected above**

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**: [Insert signature]

**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.

---

24799
**Water Well Log**

- **Owner:** Larry Holden  
  **Address:** Superior, Montana

- **Driller:** George Kane  
  **Address:** St. Regis, Montana

- **Date Started:** 4/9/58  
  **Date Completed:** 4/29/58

- **Location:** Sec. 23  
  **T. 17 R. 26 W. 34 sec.  
  **Lot 3**

- **Type of Well:** Drilled

- **Equipment Used:** Truck, Drill

- **Water Use:** Domestic [ ]  
  **Municipal** [ ]  
  **Stock** [ ]  
  **Irrigation** [ ]  
  **Industrial** [ ]  
  **Drainage** [ ]

- **Casing:**  
  **From:**  
  **To:**  
  **Type:** Standard  
  **Size:** 4"  
  
- **Perforated or Screened:**  
  **From:**  
  **To:**

- **Type of Screen or Perforations:**

- **Static Water Level:** For non-flowing well:  
  **Feet:**

- **Shut-in Pressure:** For flowing well:  
  **lb/sq. in. on:**  
  **(date):**

- **Pumping Water Level:**  
  **Feet At:**  
  **Gal. Per Min:**

- **How Tested:**  
  **Length of Test:**

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

  -...
  -...
  -...
  -...
  -...

  (over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>65'</td>
<td>Clay and silt</td>
</tr>
<tr>
<td>66'</td>
<td>Black mud</td>
</tr>
<tr>
<td>67'</td>
<td>Black mud</td>
</tr>
<tr>
<td>69'</td>
<td>Black mud</td>
</tr>
<tr>
<td>70'</td>
<td>Black mud</td>
</tr>
<tr>
<td>71'</td>
<td>Black mud</td>
</tr>
<tr>
<td>72'</td>
<td>Black mud</td>
</tr>
<tr>
<td>73'</td>
<td>Black mud</td>
</tr>
<tr>
<td>74'</td>
<td>Black mud</td>
</tr>
<tr>
<td>75'</td>
<td>Black mud</td>
</tr>
<tr>
<td>76'</td>
<td>Black mud</td>
</tr>
<tr>
<td>77'</td>
<td>Black mud</td>
</tr>
<tr>
<td>78'</td>
<td>Black mud</td>
</tr>
<tr>
<td>79'</td>
<td>Black mud</td>
</tr>
<tr>
<td>80'</td>
<td>Black mud</td>
</tr>
<tr>
<td>81'</td>
<td>Black mud</td>
</tr>
<tr>
<td>83'</td>
<td>Black mud</td>
</tr>
<tr>
<td>86'</td>
<td>Black mud</td>
</tr>
<tr>
<td>88'</td>
<td>Black mud</td>
</tr>
</tbody>
</table>

Log of Well
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: Richard Hallenbeck
Address: Superior, Mt. 59872

Date well started: 11/66
(completed: 11/66)

Type of well: Drilled

Equipment used: (Chim. Well)

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

*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>Top of Ground (Ft, above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; Id x 50 ft</td>
<td>35 ft.</td>
</tr>
<tr>
<td>6&quot; Id</td>
<td>0</td>
</tr>
</tbody>
</table>

Perforations

<table>
<thead>
<tr>
<th>Size and Weight of Casing (Ft)</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; Id</td>
<td>0</td>
<td>57</td>
</tr>
</tbody>
</table>

Static water level: 35 ft.*
Pumping water level: 42 ft.*

Power: 20 HP

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

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

Each small square represents 40 acres.

Driller's Signature: [Signature]

Driller's Address: [Address]

LICENSE NO._97

Show exact depth of bottom

57
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

OWNER: Jensen Brothers
Address: Superior

Driller: Kane Water Well Drilling
Address: St. Regis

Date of Notice of appropriation of groundwater: 11/18/64
Date well started: 11/21/64
Date completed: 11/20/64

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

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

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

---

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cage</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; id</td>
<td>4&quot; id x 1 1/2</td>
<td>5 1/2</td>
<td>110</td>
<td>already made</td>
</tr>
</tbody>
</table>

---

Static Water Level for non-flowing well: 77 feet
Shut-in Pressure for Flowing Well: 99 feet
Pumping Water Level: 99 feet at 20 gal. per minute.
Discharge in gal. per min. of flowing well: 2
How Tested: Boiled & pumped
Length of Test: till clear

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).

4 acres irrigated, parcel of land lying south of highway and north of the Milwaukee Railroad

---

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, three 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: [signature]
Driller's Signature: [signature]
<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date</td>
<td>3/5/98</td>
</tr>
<tr>
<td>Time</td>
<td>3:51 PM</td>
</tr>
<tr>
<td>Recorder</td>
<td>[Signature]</td>
</tr>
<tr>
<td>County</td>
<td>Mineral County</td>
</tr>
<tr>
<td>Location</td>
<td>Superior, Montana</td>
</tr>
</tbody>
</table>

I certify that I received and filed this instrument for record on this 23rd day of Aug., 1998, at 3:51 PM. 

[Signature] 
Deputy County Recorder
Location: About 1 mile west of Superior on U.S. 10

Montana Bureau of Mines and Geology
Butte, Montana

WATER WELL LOG

Owner: Jensen Bros
Address: Superior, Montana

Driller: A.A. Goodger
Address: St. Regis, Montana

Date Started: May 19, 1958
Date Completed: May 27, 1958

Location: Sec. 28, T. 17N, R. 26W, 1/4 sec. 5E 1/4

Type of well: Drilled
Equipment used: Churn

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

Industrial [ ] Drainage [ ] Other: [ ]

Casing: 0 ft. to 79 ft. 2 in. Type: Black Iron Size: 4 in. I.D.

Casing: 79 ft. 2 in. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

Perforated or Screened: ft. to ft. Ft. to ft. Type Screen or perforations: none Natural gravel bottom

Static Water level, for non-flowing well: About 65 ft. from ground level feet.

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

Pumping water level: About 72 ft. at 1020 gal per hour gal. per min.

How tested: Pumped for three hours

Length of test: three hours

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

(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>24</td>
<td></td>
<td>large gravel, sand and clay mixture.</td>
</tr>
<tr>
<td>24</td>
<td>27</td>
<td></td>
<td>hard pan clay and small gravel packed</td>
</tr>
<tr>
<td>27</td>
<td>40</td>
<td></td>
<td>clay and fine gravel</td>
</tr>
<tr>
<td>40</td>
<td>44</td>
<td></td>
<td>large boulders</td>
</tr>
<tr>
<td>44</td>
<td>69</td>
<td>sand</td>
<td>Sand gravel clay</td>
</tr>
<tr>
<td>69</td>
<td>74</td>
<td></td>
<td>white clay and fine sand rock dust?</td>
</tr>
<tr>
<td>74</td>
<td>79</td>
<td></td>
<td>coarse sand and heavy rock water bearing good flow</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

completed

Type of well

Equipment used

Water Use:

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>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>gravel &amp; boulders</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>clay</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>gravel, boulders, clay</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>sand, clay, gravel</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>boulders</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>gravel, clay</td>
<td></td>
</tr>
<tr>
<td>60</td>
<td>sand, gravel, water</td>
<td></td>
</tr>
</tbody>
</table>

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Water Well</th>
<th>Size and Weight of Casing</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; x 14</td>
<td>6&quot; Id</td>
<td>0</td>
<td>102</td>
<td>does not apply</td>
</tr>
</tbody>
</table>

Static water level ....... 80 ft.
Pumping water level ....... 85 ft.
at ....... 70 gallons per minute measured 120 minutes after pumping began.

*Measured from ground level.

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

Power: ......... 200 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

LICENSE NO. 23

Show exact depth of bottom
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, 1968

(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: Eugene S. or Value: & Name For Administrator's Use

Address: St. Regis, MT File: 13453.234

Date well started: 1971 GW 1.62.27.8.m

Type of well: Drilled

Equipment used: Churn Drill

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

*Describe USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). 25 Acres = 1000. CFT

Estimates Annual Withdrawal:

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Water of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>10&quot; Id</td>
<td>325 x</td>
<td>0</td>
<td>134</td>
<td>1/2 x 6&quot;</td>
</tr>
</tbody>
</table>

Static water level: 80 ft. *
Pumping water level: 85 ft. *

*Measured from ground level.
Well developed by bail & pump for 6 hours.
Power: 220/3. Pump: 15 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: Eugene S. or Value: & Name

Driller's Address: St. Regis, MT 59866

LICENSE NO. 23

134 Show exact depth of bottom

54.010
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: Aveena G. & Verle S. Knap
Address: 13465 2nd St., Mt.

Date well started: January 1, 1962
Completed: August 1, 1962

Type of well: Drilled
Equipment used: Chum Drill

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 Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Depth (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>100</td>
<td>Does not apply</td>
</tr>
</tbody>
</table>

Static water level: 80 ft.
Pumping water level: 65 ft.
at .70 gallons per minute, measured 120 minutes after pumping began.

Power: 2.2 HP
Remarks: Gravel packing, cementing, packers, type of shut-off

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

Driller's Signature: Goodar Service
Driller's Address: 13465 2nd St., Mt.
# MONTANA BUREAU OF MINES AND GEOLOGY

## WATER WELL LOG

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Joe Mullins</td>
</tr>
<tr>
<td>Address</td>
<td>Superior</td>
</tr>
<tr>
<td>Driller</td>
<td>George Young</td>
</tr>
<tr>
<td>Address</td>
<td>8th Regia</td>
</tr>
<tr>
<td>Date Started</td>
<td>1/1/59</td>
</tr>
<tr>
<td>Date Completed</td>
<td>1/1/59</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 28 T. 170 R. 76 1/4 sec. 5a-2 (Carson Drill)</td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Churn Drill</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic</td>
</tr>
<tr>
<td>Casings</td>
<td>10 1/2 ft.</td>
</tr>
<tr>
<td>Type</td>
<td>Vench</td>
</tr>
<tr>
<td>Size</td>
<td></td>
</tr>
<tr>
<td>Date started</td>
<td></td>
</tr>
<tr>
<td>Date completed</td>
<td></td>
</tr>
<tr>
<td>Location</td>
<td></td>
</tr>
<tr>
<td>Casing</td>
<td>ft. to ft.</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well</td>
<td>18 feet</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well</td>
<td>lb./sq. in. on: (date)</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>17 feet at gal. per min: 450</td>
</tr>
<tr>
<td>How tested</td>
<td></td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
</tr>
<tr>
<td>Remarks</td>
<td></td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 7 ft</td>
<td>said</td>
</tr>
<tr>
<td>8 - 60 ft</td>
<td>rock or dirt</td>
</tr>
<tr>
<td>60 - 80 ft</td>
<td>sand and water</td>
</tr>
<tr>
<td>80 - 90 ft</td>
<td>clay</td>
</tr>
<tr>
<td>84 - 101 ft</td>
<td>water and casing gap</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Henry Mitchell
Address: Spokane

Date of Notice of appropriation of groundwater: 7/69
Date well started: 7/69
Date completed: 7/69

Type of well: Drilled
Equipment used: Churn drill
Water use: Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot; Id</td>
<td>8&quot; .250</td>
<td>0</td>
<td>53</td>
<td>does not apply</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 42 feet
Shut-in Pressure for Flowing Well: 250 psi
Pumping Water Level: 0 feet
Discharge in gal. per min. of flowing well: 360

How Tested: Drilled
Length of Test: 200 feet
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Show exact depth of bottom.

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

Driller's License Number: 56488
Driller's Signature: [Signature]

[Diagram of well location and strata]

[Table of test results and remarks]
<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Churn drill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use</td>
<td>Domestic</td>
<td>Municipality</td>
<td>Stock</td>
</tr>
<tr>
<td></td>
<td>Industrial</td>
<td>Drainage</td>
<td>Other</td>
</tr>
<tr>
<td>Casing/group</td>
<td>ft. to. 1644 ft.</td>
<td>Type...</td>
<td>Size 4&quot;</td>
</tr>
<tr>
<td></td>
<td>ft.</td>
<td>Type...</td>
<td>Size</td>
</tr>
<tr>
<td></td>
<td>ft.</td>
<td>Type...</td>
<td>Size</td>
</tr>
<tr>
<td>Perforated or Screened: Ft. to Ft.</td>
<td>Ft. to Ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>27 feet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in. on (date)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pumping water level: 26 feet at 450 gal. per min. hour</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td>pumped</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test: 18 hours</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Depth, feet</td>
<td>Description of Material Drilled</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>---------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>From 0</td>
<td>To 62</td>
<td>Soil or sand.</td>
<td></td>
</tr>
<tr>
<td>63</td>
<td>74</td>
<td>Sand or water.</td>
<td></td>
</tr>
<tr>
<td>78</td>
<td>84</td>
<td>Clay.</td>
<td></td>
</tr>
<tr>
<td>84</td>
<td>104 1/2</td>
<td>Course gravel or water.</td>
<td></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.

<table>
<thead>
<tr>
<th>Top of Ground (feet above mean sea level)</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td>clay</td>
<td></td>
</tr>
<tr>
<td>8.0</td>
<td>gravel and sand</td>
<td></td>
</tr>
<tr>
<td>22.0</td>
<td>gravel and sand</td>
<td></td>
</tr>
<tr>
<td>35.0</td>
<td>gravel, sand, cinders, etc.</td>
<td></td>
</tr>
<tr>
<td>65.0</td>
<td>sand and water</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:** Kenneth Lucas

**Address:** Superior at

**Date well started:** 7/70

**Completed:** 7/70

**Type of well drilled:** Drawn

**Equipment used:** Chum drill

**Water Use:** Domestic

**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>Date</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>6th id</td>
<td>6280 +</td>
<td>655</td>
</tr>
</tbody>
</table>

**Perforations:**

<table>
<thead>
<tr>
<th>Size</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>does not apply</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Static water level</td>
<td>35 ft</td>
<td>Pumping water level</td>
</tr>
<tr>
<td>at 30 gallons per minute</td>
<td>measured 60 minutes after pumping started</td>
<td></td>
</tr>
</tbody>
</table>

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

**Well developed after:** 72 hours

**Power:** 220 HP

**Remarks:**

**Static water level:** 35 ft

**Pumping water level:** 35 ft

**at 30 gallons per minute**

**measured 60 minutes after pumping began.**

*Measured from ground level.

**Well developed by:**

**for:** 72 hours

**Power:** 220 HP

**Remarks:**

**Water was encumbered at:**

**No after developing rose to 35 ft.**

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

**Driller's Signature:**

**Driller's Address:** St. Geneva, Montana

**License No.:** 33
<table>
<thead>
<tr>
<th>Date</th>
<th>From</th>
<th>To</th>
<th>Time</th>
<th>Location</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2023-01-01</td>
<td>09:00</td>
<td>11:00</td>
<td>90</td>
<td>Office</td>
<td>Work Meeting</td>
</tr>
<tr>
<td>2023-01-02</td>
<td>08:30</td>
<td>12:00</td>
<td>120</td>
<td>Cafe</td>
<td>Lunch</td>
</tr>
<tr>
<td>2023-01-03</td>
<td>10:00</td>
<td>14:00</td>
<td>150</td>
<td>Library</td>
<td>Study Session</td>
</tr>
</tbody>
</table>

I certify that I received and recorded the above entries at 12:00 AM.

[Signature]

Date: 2023-01-04
**WATER WELL LOG**

Owner: Carl Mathiesen  
Address: Superior, Mont.

Driller: Howard Camp  
Address: Butte, Mont.

Date Started: April 16, 1959  
Date Completed: April 22, 1959

Location: Sec. 29, T. 17, R. 26, § 4

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Rotary</td>
</tr>
</tbody>
</table>

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

Casing:  
- 0 ft. to 137.7 ft.  
- Type: 19 ft. pipe  
- Size: 6" ID

Perforated or Screened:  
- from ft. to ft.  
- Type:  
- Size: 

Type of screen or perforations: None

Static Water level, for non-flowing well: 125 feet.

Shut-in pressure, for flowing well:  
- lb./sq. in. on: (date)  
- Pumping water level: feet at 14 gal. per min.

How tested:  
- Driller

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

- Welded joints in casing

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>1'</td>
</tr>
<tr>
<td>1'</td>
<td>3'</td>
</tr>
<tr>
<td>3'</td>
<td>15'</td>
</tr>
<tr>
<td>15'</td>
<td>53'</td>
</tr>
<tr>
<td>53'</td>
<td>64'</td>
</tr>
<tr>
<td>64'</td>
<td>77'</td>
</tr>
<tr>
<td>77'</td>
<td>83'</td>
</tr>
<tr>
<td>83'</td>
<td>111'</td>
</tr>
<tr>
<td>111'</td>
<td>128'</td>
</tr>
<tr>
<td>128'</td>
<td>138'</td>
</tr>
</tbody>
</table>
Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

Henry J. Mitchell, of R. 1, Box 34, Superior, County of Mineral, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

The beneficial use to which water is to be applied is domestic, irrigation and watering of livestock on 1.04 acres of land in Govt. Lot 5, Sec. 29, T17N, R26W, west of Interstate 90 and North of county road and south of Clark Fork River.

3. The rate of use in gallons per minute or miner's inches of groundwater claimed: 600 gals. per minute

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

5. The probable or intended date of first beneficial use: July 15, 1973

6. The probable or intended date of commencement and completion of the well* or wells*: June 29, 1973

7. The location, type, size and depth of well or wells contemplated: The location is on said Govt. Lot 5, approximately 125 feet from Clark Fork River; 6-inch casing; 70 feet in depth.

8. The probable or estimated depth of the water table or artesian aquifer: 23 feet

9. Name, address and license number of the driller engaged: Eugene E. Kane, Superior, Montana; License #23

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

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator: June 29, 1973

* 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 School of Mines and Quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Ernest and Ruth Hayes of Lot 58, Superior
   (Name of Appropriator)
   (Address) (Town)

   County of Missoula  State of Montana

t 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   1815

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 75 gal. per minute

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

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

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

8. The depth of water table: 40 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
   Drop well 65 ft. deep

10. The estimated amount of groundwater withdrawn each year: 12,000,000

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

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

Signature of Owner: Ruth E. Hayes
Date: December 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. Ernest and Leta Belsky, of Lot 50, Longview.

County of Gallatin
State of Montana

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

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

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner
Date

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriate.
I certify that I received and filed this instrument for record on this 31st day of December, 1968, at 1:00 o'clock P.M.

[Signature]

County Recorder

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

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

Owner: Charles Voss
Address: Superior, Montana

Driller: Charles Voss
Address: Superior, Montana

Date of Notice of Appropriation of Groundwater: December 20, 1963

Date well started: August 10, 1960
Date Completed: August 25, 1960

Type of well: dug
Equipment Used: by hand
(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>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>Hole dug 4' x 4'</td>
<td>Rocked up about 4' x 4'</td>
<td>0</td>
<td>28</td>
<td>Seepage 12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Kind</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 14 feet.
Shut-in Pressure for Flowing Well: inapplicable
Pumping Water Level: 27½ feet; 15 gal. per minute.
Discharge in gal. per min. of flowing well: inapplicable
How Tested: estimated
Length of Test: 

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

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.
COUNTY CLERK & RECORDER
MINERAL COUNTY
SUPERIOR, MONTANA

Filed No. 71

3/17/35

I certify that I received and filed this instrument for record on this 27th day of April, 1935 at 1:30 p.m.

S. W. Bylock
County Recorder

By

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

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

Charles Voss

of: Superior, Montana

County of Mineral 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: stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: continuous since 1908

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1200 gallons per minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Spring of 1948 pipe installed

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: two inch pipe

10. The estimated amount of groundwater withdrawn each year: six hundred million gallons

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

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

Signature of Owner: Charles Voss

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 certify that I received and filed this instrument for record on this 29th day of Dec., 1961, at 9:56 o'clock a.m.

County Recorder
By: Bethany Rice
Deputy

COUNTY CLERK & RECORDER
MINERAL COUNTY
SUPERIOR, MONTANA
Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. **Gerald L. Bryan**
   - **Owner of property**
   - **24 W. Laurel, Sierra Madre, Calif.**
   - **(Name of Appropriator)**
   - **Mineral**
   - **(County)**
   - **State of Montana**
   - **(State)**

   County of Mineral, 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 *irrigation and domestic use*. Over **SE^4 Sec. 34, T.27N. R.26W., Mineral County, Montana**, and a tract in **NE^4 Sec. 34, T.27N. R.26W., Mineral County, Montana**.
   (describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed:
   - **25-30 gallons at present time**

4. The annual period (inclusive dates) of intended use:
   - **January - December**

5. The probable or intended date of first beneficial use:
   - **Immediate**

6. The probable or intended date of commencement and completion of the well or wells:
   - **None contemplated**

7. The location, type, size and depth of well or wells contemplated:
   - **None contemplated**

8. The probable or estimated depth of the water table or artesian aquifer:
   - **N.A.**

9. Name, address and license number of the driller engaged:
   - **Unknown**

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 (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 School of Mines 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. The Montana Power Company of 40 East Broadway Butte
   (Name of Appropriator) (Address) (Town)
   County of Mineral State of Montana

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

   NE 1/4 NE 1/4 Sec. 34 T. 17 N. R. 26 W
   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Municipal supply

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. 1954, 24 hrs. per
day for each year since 1954

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 400 gallons per minute - 24 hours per
day

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Started drilling Sept. 9, 1954,
   well completed Sept. 24, 1954

8. The depth of water table 81'

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 40' I.D. steel casing 105' deep

10. The estimated amount of groundwater withdrawn each year 80,000,000 gallons

11. The log of formations encountered in the drilling of each well if available
   0' to 54' clay, sand, gravel and some boulders
   54' to 105' good clean gravel

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

(CORPORATE SEAL)

ATTEST: ____________________________

Its Secretary

THE MONTANA POWER COMPANY

Signature of Owner By ____________________________

Vice President Date February 1, 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.
I certify that I received and filed this instrument for record on this Monday at April 19, 1962 at 12 p.m.

[Signature]

County Recorder

By: [Signature]

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

Owner: MONTANA POWER COMPANY
Address: 3rd St. S.W., 3rd Ave. N
Superior, Montana

Driller: Glenn Camp
Address: 322 S. 14th, Missoula

Date of Notice of Appropriation of Groundwater: ____________________________

Date well started: __________ Date Completed: __________

Type of well: Drilled
Equipment Used: Churn Drill
Type of Drilled: (c) dug, driven, bored or (d) churn, drill, rotary or other

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

---

Top of Ground

(Elev. above sea level)

0-11 Sandy Clay
11-49 Gravel & Clay
49-51 Gravel, clay, sand and water
51-90 Water, sand and gravel
90-92 Sand, gravel, clay and water
92-113 Heavy gravel, coarse sand and water
113-116 Clay, sand, gravel and water
116-118 Sand, gravel & water

---

Size of Drilled Hole

---

Size and Weight of Casing

From (Feet)

To (Feet)

---

Equipment Used

Hills Knife from top of casing

---

Static Water Level for non-flowing Well

From top of casing

---

Shut-in Pressure for Flowing Well

---

Pumping Water Level

Total of 156 holes

---

Discharge in gal. per min. of flowing well

---

How Tested: not tested

Length of Test

---

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

---

Show exact depth of bottom.

THE MONTANA POWER CO.
By _____________________________

Vice President

40 E. Broadway

Butte, Montana

APPROPRIATOR

License No. 7

Driller's License Number

Driller's Signature: Glenn 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 Appropriate.
File No. 156
-35317-
I certify that I received
and filed this instrument
for record on this 13th
Day of March A.D. 1967
at 8:05 a.m.

J. L. MILLENNON
Mineral County Recorder
By: Betty O'Harra
Deputy
Relief: $2.00 Paid.
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: Gayle L. Stone

Address: Superior, MT

File: 43080

Date well started: 8/12

Date well completed: 8/12

Type of well: Drilled

Equipment used: Churn Drill

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).

USE: If used for irrigation, industrial, drainage or other, explain.

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

EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature: Gayle L. Stone

Driller's Address: Superior, MT

LICENSE NO: 29

---

<table>
<thead>
<tr>
<th>No.</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>100</td>
<td>130</td>
</tr>
<tr>
<td>2</td>
<td>50</td>
<td>80</td>
</tr>
<tr>
<td>3</td>
<td>30</td>
<td>60</td>
</tr>
</tbody>
</table>

Note: Each small square represents 40 acres.
WATER WELL LOG

Owner: Wayne Davidson  Address: Superior, Mont.
Driller: George Kane  Address: St. Regis, Mont.
Date Started: June 3rd, 1959  Date Completed: 6-6-1959
Location: Sec. 35  T. 17  R. 26  © sec. Amado, lot 12 & 13

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment used</td>
<td>Churn</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use:</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing ground level</th>
<th>ft. to</th>
<th>79' 2nd ft.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to</th>
<th>ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Size</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4 inch</td>
<td></td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
</tr>
</thead>
</table>

| Static Water level, for non-flowing well: | 20 feet |
|                                          |        |

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

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>19 feet at</th>
<th>450 gal. per min.</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Length of test</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Remarks:</th>
</tr>
</thead>
</table>

(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 to 1</td>
<td>soil (rock)</td>
</tr>
<tr>
<td>13 to 57</td>
<td>sand + water</td>
</tr>
<tr>
<td>58 to 64</td>
<td>blue clay</td>
</tr>
<tr>
<td>65 to 79</td>
<td>coarse gravel + water</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Superior School District No. 2, Superior
Driller: Kane Water Well Drilling Address: St. Regis

Date of Notice of appropriation of groundwater: 6/68
Date well started: 7/2/68 Date completed: 7/11/68

Doc. No. 40994 Filed for record this 29 day of October, A.D. 1971, at 10:00 o'clock A.M.

Type of well dug, driven, bored or drilled: Drilled
Equipment used: Own

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot; id</td>
<td>8 x 2/7</td>
<td>0</td>
<td>127</td>
<td>5 x 5</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: Bored and pumped

Length of Test: Till clear

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

This well has 4" of natural gravel pack

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).

Show exact depth of bottom.

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

49400

Owner: J.C. Reynolds
Address: Superior

Driller: John Water Wall Drilling
Address: St. Regis

Date of Notice of appropriation of groundwater: 9/11/66
Date well started: 9/13/66
Date completed: 9/19/66

Type of well: Drilled
Equipment used: Churn
(Dug, 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, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; Id</td>
<td>6 x .250</td>
<td>0</td>
<td>79$^1$</td>
<td>Does not apply</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
26 feet

Shut-in Pressure for Flowing Well

Pumping Water Level: 53 feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: Bailed and pumped

Length of Test: til clear

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

1.8 ft. 17" Pipe

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).

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, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. I, Bernard E. Burdan, of Box 161, Superior, Montana, 59872, County of Montana, 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 Domestic Use & Irrigation.

3. The rate of use in gallons per minute or miner's inches of groundwater claimed is five (5) gallons per minute.

4. The annual period (inclusive dates) of intended use is from Jan. 1, 1969 to Dec. 31, 1969.

5. The probable or intended date of first beneficial use is Aug. 1, 1969.

6. The probable or intended date of commencement and completion of the well or wells is Sept. 15, 1969 to Dec. 31, 1969.

7. The location, type, size and depth of well or wells contemplated is Sec. 7, T. 17 N., R. 26 W., Platte County, Montana.

8. The probable or estimated depth of the water table or artesian aquifer is 300 feet.

9. Name, address and license number of the driller engaged is Fred Z. Baker, 141 S. Superior, Superior, Montana, License No. 123456.

10. Give such other similar information as may be useful in carrying out the policy of this act. Abandoned Mine Shaft, Natural Reservoir, water to be piped to Settling Tank.

*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 School of Mines and Quadruplicate for the Appropriator.

Date: July 31, 1969

Signature of Appropriator: Bernard E. Burdan

Located well or other means of development as accurately as possible on the plat.

T. 17 N., R. 26 W., Sec. 26, Platte County, Montana.
Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. Edward K. Borum, Box 58, Superior, Montana 59872
   (Name of Appropriator) (Address) (Town)
   County of Mineral, 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 Domestic Use & Irrigation.

3. The rate of use in gallons per minute or miner's inches of groundwater claimed is five (5) gallons per minute.

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

5. The probable or intended date of first beneficial use is Aug. 1, 1969.

6. The probable or intended date of commencement and completion of the well* or wells* is Aug. 1, 1969. Indefinite Development of Spring.

7. The location, type, size and depth of well or wells contemplated is Sec. 7, T. 77 N., R. 109 W., Mount of a spring shaft that will be blocked about 200 feet below the ground surface.

8. The probable or estimated depth of the water table or artesian aquifer is 100 Feet Below Ground Surface.

9. Name, address and license number of the driller engaged is HOME.

10. Give such other similar information as may be useful in carrying out the policy of this act: Abandoned Mine Shaft, Natural Reservoir, water to be shipped to Settling Tank.

   Locate well or other means of development as accurately as possible on the plat.

   Signature of Appropriator
   __________________________
   Date: July 23, 1969

* 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 artifically 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 School of Mines and Quadruplicate for the Appropriator.