Declaration of Vested Groundwater Rights

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Under Chapter 237, Montana Session Laws, 1961

1. Raymond S. Flanagan, as joint tenants and not tenants in common with title of survivorship, Eureka
   County of Lincoln, 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 Household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...December 9, 1957

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 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
   Pump and pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   December 5, 1957 - Commencement
   December 9, 1957 - Completion

8. The depth of water table
   49 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
   A drilled well, 7 inch casing, 63 feet depth

10. The estimated amount of groundwater withdrawn each year
    240,000 gallons

11. The log of formations encountered in the drilling of each well if available
    58 feet of gray hard pan,
    5 feet of water bearing gravel and sand

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

Signature of Owner

Date July 31, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 7th day of December, A.D. 1963
at 9 o'clock A.M.

M.M. Magruder
Sheriff

By Max Hall
Deputy
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  

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

Owner: Joseph M. Shanagan.  
Address:  
Contractor (if any):  
Address of Contractor:  
Date Started:  
Date Completed:  

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate use as above.  

Undeveloped springs full use in.  
Summer partial use in.  
Winter  

Signature of Owner: Joseph M. Shanagan.  
Date: June 26, 1973.  

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

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

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

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

File No. WO-84.  
County: Lincoln.
STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 29th day of
January A.D. 1923
at 12:10 by

Elsie L. Coates
Secretary

By

Leroy D. Haydon
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: June 26, 1973
Owner: Flanagan Bros. Address: Great Falls, Mt.
Contractor (if any): ____________________________________________
Address of Contractor: _________________________________________
Date Started: __________________ Date Completed: _________________

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


Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent
estimate approximate lengths of periods of use. ____________________
undevoloped spring fall use in summer; partial use in winter

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

Signature of Owner: __________________________ Date: ____________

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

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

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

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

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

STATE ENGINEER

1. WINTON WEYDEMeyer  
   (Name of Appropriator)
   (Address)
   (Town)

   County of LINCOLN  
   State of MONTANA

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

   - The beneficial use on which the claim is based:
     Domestic use, stockwater, irrigation

   2. Date or approximate date of earliest beneficial use; and how continuous the use has been:
     Practically continuous use, in varying amounts, since about 1910

   3. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 gal. per minute

   4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
     Garden and farmstead land owned by Winton Weydemeyer

   5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
     Shallow well 500 yds. SW of farmstead where used, description above

   6. The log of formations encountered in the drilling of each well if available:
     Original development about 1910; improvements several times since that date

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
     At site of spring; 4 ft. Variés 6 to 12 ft. in meadow area

   8. The estimated amount of groundwater withdrawn each year:
     300,000 gallons

   9. The log of formations encountered in the drilling of each well if available:
     3 ft. muck over 1 ft. pea gravel

   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:

   Signature of Owner: Winton Weydemeyer
   Date: August 3, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
STATE OF MONTANA
COUNTY OF LINCOLN

Filed (day of)
September 10th, A. D. 1923

M. M. Magafford
County Clerk

J. A. Nelson
Deputy
**Notice of Completion of Groundwater Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Hinton, J. A.
Address: Fortine, Mont. 59918

Driller: Thatcher Drilling Co.
Address: Superior, Mont. 59872

Date of Notice of appropriation of groundwater: August 19, 1966

Date well started: August 30, 1966

Date completed: August 19, 1966

Type of well: Drilled
Equipment used: Air rotary

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>Site of Drilled Hole</th>
<th>Site and Weight of Casing</th>
<th>Form (Feet)</th>
<th>Te (Feet)</th>
<th>Size of</th>
<th>Size and Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 7/8</td>
<td>3 27/32</td>
<td>0</td>
<td>107</td>
<td>1 1/4</td>
<td>slott 98 107</td>
</tr>
</tbody>
</table>

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

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

- **Pumping Water Level**
  - 75 feet
  - 15 gal. per minute

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

- **How Tested**
  - Air compressor

- **Length of Test**
  - 1 hr

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

- **Casing packed with clay**

- **Water comes even with surface**

- **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).

---

**Diagram**

- [Diagram showing well and strata met with in drilling]

- **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**

Edward Thatcher
Driller's Signature

41510
STATE OF MONTANA
COUNTY OF LINCOLN

This 23d day of October A.D. 1916

aged 92 years

W. W. Townes
Deputy

By: Wm. Watson
County Clerk
STATE OF MONTANA
ADVISOR 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: Fred Margaret Tabasource
Address: Fortine, MT
File: 820
Date well started: November 19, 1971
Date well completed: November 25, 1971
Type of well: Drilled
Equipment used: Churn
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>Size of Drilled Hole</th>
<th>Size of Drilled Hole and Weight of Casing</th>
<th>Feet (feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>17 ft.</td>
<td>+2 ft.</td>
<td>58 feet</td>
<td>Kind of Casing</td>
</tr>
</tbody>
</table>

Static water level: 24 ft.
Pumping water level: 58 ft.

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

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

Driller's Signature: Dave B. McLaughlin
Driller's Address: Ennis, MT
LICENSE NO.: 222

COUNTY: Lincoln

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

Owner: 
Address: 
Driller: 
Address: 
Date of Notice of Appropriation of Groundwater: 
Date well started: 
Type of well: Drilled 
Equipment Used: Rotary (dug, driven, bored or drilled) 
Water Use: Domestic [ ] Municipal [ ] Other [ ] Irrigation [ ] Industrial [ ] Drainage [ ] Stock [ ]

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

<table>
<thead>
<tr>
<th>Gravel and Clay Layers</th>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 7/8</td>
<td>5' 15'</td>
<td>0</td>
<td>123</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 78 feet.
Shut-in Pressure for Flowing Well: 110 feet at 7 gal. per minute.
Pumping Water Level: 110 feet at 7 gal. per minute.
Discharge in gal. per min. of flowing well: 
How Tested: 
Length of Test: 6 hours.
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).

Remainder of form details include the location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Driller's License Number: 
Driller's Signature: 
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

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

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

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

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

Owner: [Name]
Address: [Address]
Date well started: 10-19-71

Date well completed: 11-4-71

Type of well: drilled

Equipment used: churn

Water Use: Domestic

Industrial

Drainage

Other

*Describe

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: Clifford Buck

Driller's Address: Bozeman, Montana

LICENSE NO. 141

Top of Ground (Elev. above sea level)

<table>
<thead>
<tr>
<th>From (Ft.)</th>
<th>To (Ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Static water level: 140 ft.
Pumping water level: 180 ft.

Power: [Type of power]

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

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, 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

Montana

Date well started 9-16-71
Completed 9-29-71

Type of Well Drilled

Equipment used (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 SUe</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 1/4 in.</td>
<td>14 ft.</td>
<td>0 - 180 ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level 50 ft.*
Pumping water level 15 ft.*
at 15,400 gallons per minute,
measured 16 minutes after pumping began.
*Measured from ground level,
Well developed by pumping
for 25 hours.

Power: Pump: HP:

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

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

Each small square represents 40 acres.

Driller's Signature

Driller's Address

LICENSE NO. 141

Show exact depth of bottom

49418
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 ____________________________  For Administrator’s Use ______________________________
Address ____________________________________________  File November 17, 1971
Montana ____________________________
Date well started 9-16-71  GW 1
completed 9-28-71

Type of well: Drilled

Equipment used: Drill

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

Describe ____________________________

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>(Gallons above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>180</td>
<td>180</td>
</tr>
</tbody>
</table>

PERFORATIONS

<table>
<thead>
<tr>
<th>Size of Pipe</th>
<th>Size of Column</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 1/2</td>
<td>1 1/2</td>
<td>0</td>
<td>180</td>
</tr>
</tbody>
</table>

Static water level: 50 ft. Pumping water level: 106 ft.

Power: 1 HP

Well developed by _______________ for __________ hours.

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 ____________________________

Date: November 17, 1971

Clifford B. Busche
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 filled
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: Danny Rossane
Address: Montana

Date well started: 9-3-71
completed: 9-8-71

Type of well: Drilled
Equipment used: Churn drill

Water Use: Domestic

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of</th>
<th>Site and</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Weight</td>
<td>Feet</td>
<td>Feet</td>
<td></td>
</tr>
<tr>
<td>6'</td>
<td>19'</td>
<td>0</td>
<td>90'</td>
<td>20'</td>
</tr>
</tbody>
</table>

Static water level: 20 ft.
Pumping water level: 78 ft.

at 20 gallons per minute, measured minutes after pumping
began.

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

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

Driller's Signature: Clifford J. Brooks
Driller's Address: Montana

LICENSE NO.: 141

Top of Ground (Rev. above sea level)

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0'</td>
<td>20'</td>
</tr>
</tbody>
</table>

Show exact depth of bottom

541-70
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

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

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

Owner: John Doe
Address: 123 Main St, Helena, MT

Date well started: May 1, 1961
Completed: May 31, 1961

Type of well: Drilled
Equipment used: Churn

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 (e.g. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size and Style of Casing</th>
<th>Depth (Feet)</th>
<th>Diameter (Inches)</th>
<th>Top of Grd (Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

[Table continued with more data]

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

Driller's Signature: John Doe
Driller's Address: 123 Main St, Helena, MT

[Form continuation]

50,372
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 filled by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

**Owner:**

- **Name:**
- **Address:**

**Date well started:** 2-16-72

**Completed:** 2-22-72

**Type of well:** Bore

**Equipment used:** Churn drill

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

*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 Casing</th>
<th>Size and Weight of Casing</th>
<th>From Top</th>
<th>To (Feet)</th>
<th>Studded at</th>
<th>From Top</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td></td>
<td>17.5&quot;</td>
<td>+2</td>
<td>108</td>
<td>164</td>
<td>108</td>
</tr>
</tbody>
</table>

**Hole Depth:** 108 ft.

**Static water level:** 14 ft.

**Pumping water level:** 150 ft.

*Measured gallons per minute, measured minutes after pumping began.*

*Measured from ground level, well developed by sufficiency, hours.*

**Power:** Pump, 3 HP

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

**Indicate Location of Well and Place of Use, If Possible.**

**Driller's Signature:**

**Driller's Address:**

**License No:** 222

**Show exact depth of bottom:** 108

**Date:** 1-9-72

**County:** Lewis

**State of Montana:**

**Administrator of Groundwater:**

**Montana Water Resources Board:**
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 filled
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: J. P. Hume

Address: Box 46

Bozeman, Montana

Date well started: September 9, 1971

Date well completed: September 16, 1971

Type of well: Drilled

Equipment used: Churn drill

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

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

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilling Rod</th>
<th>Rate of Water Flow</th>
<th>Kind of Water</th>
<th>Top of Ground (Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>19 gpm</td>
<td>69</td>
<td>160' caliche, igneous silt, clay</td>
</tr>
</tbody>
</table>

Static water level: 5 ft.

Pumping water level: 59 ft.

at 10 gallons per minute, measured 10 minutes after pumping

*Measured from ground level.

Well developed by drilling.

Power: Pump: HP

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

Well producing, maintained.

Union Pacific ground water is pumped.

Swapped with I hour automatic

Driller's Signature: Clifford J. Buecher

Driller's Address: Bozeman, Montana

LICENSE NO. 341

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

EACH SMALL SQUARE REPRESENTS 40 ACRES.

Show exact depth of bottom

1/8/72
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: 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 Hole</th>
<th>Size of Casing (Feet)</th>
<th>Depth (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
</table>

Static water level .......... ft.*
Pumping water level .......... ft.*
and .......... minutes after pumping

*Measured from ground level.
Well developed by .......... for .......... hours.
Power .......... Pump .......... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature
Driller's Address
LICENSE NO.

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, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

Owner: [Name]
Address: [Address]
File: 997

Date well started: June 29, 1973

Type of well: Drilled

Equipment used: [Type of equipment]

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>Site of Drilled Hole</th>
<th>Size and Depth of Drilling</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PERFORATIONS

<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>

Wells

Static water level: [Footage]
Pumping water level: [Footage]
At: [Gallons per minute] measured minutes after pumping began.

*Measured from ground level.
Well developed by: [Technique]
For: [Hours]
Power: [Type of power] HP

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

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
Each small square represents 40 acres.

Driller's Signature: ____________________________
Driller's Address: ____________________________

LICENSE NO.: 54930
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962
(Under Chapter 227 Montana Session Laws, 1961, as amended)

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

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

Owner

Lawrence Curtis

Address

Wolf Petrific

Date well started

3-21-73

Type of well

Drilled

Equipment used

Churn drill

Water Use:

Domestic

Municipal

Stock

Irrigation

Industrial

Drainage

Other

Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Bore Hole</th>
<th>Type of Well</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 ft</td>
<td></td>
<td>0.250</td>
<td>1.250</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top of Ground</th>
</tr>
</thead>
</table>

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

Each small square represents 40 acres.

Driller's Signature

Driller's Address

LICENSE NO.
STATE OF MONTANA
COUNTY OF LINCOLN

Filed this 5th day of April, A.D. 1973
at 1:30 P.M.

S. G. Glidden, Clerk

By Betty Schroeder
Deputy
**Notice of Completion of Groundwater Appropriation by Means of Well**

_Developed after January 1, 1962 (Under Chapter 237, Montana Session Laws, 1961)_

Owner: Fortine School Dist. 1 Address: Fortine, Montana

Driller: Thatcher Drilling Co. Address: Helena, Montana

Date of Notice of appropriation of groundwater: Nov. 16, 1966

Date well started: Nov. 2, 1966 Date completed: Nov. 26, 1966

Type of well: Drilled Equipment used: Rotary (Drill, Driven, bored or drilled) (Churn drill, rotary or other)

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

School Water: [ ]

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></td>
<td></td>
<td>0</td>
<td>265</td>
<td>7 1/4 in. slats</td>
</tr>
</tbody>
</table>

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

**Shut-in Pressure for flowing well**

**Pumping Water Level**

at 25 ft. gal. per minute.

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

**How Tested**

**Length of Test**

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

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

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

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

Owner: [Name]
Address: [Address]
File #: [File Number]
Date well started: [Date]
Type of Well: [Type]
Equipment used: [Equipment]
Water Use: [Use]

*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).

**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.: [License Number]

Top of Ground (feet above sea level)

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>D</td>
</tr>
<tr>
<td></td>
<td></td>
<td>175</td>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>

Static water level: [Level] ft.
Pumping water level: [Level] ft.
Power: [Power] HP
Remarks: [Remarks]

Show exact depth of bottom: [Depth]
STATE OF MONTANA
COUNTY OF LINCOLN

Filed this __ day of April, A.D. 18__

By ____________________________

County Clerk
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th><strong>Owner</strong></th>
<th>Ronald Oiler</th>
<th><strong>Address</strong></th>
<th>Sartine, Cont.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Driller</strong></td>
<td>Thatcher Drilling</td>
<td><strong>Address</strong></td>
<td>Jurupa, Mo.</td>
</tr>
<tr>
<td><strong>Date of Notice of Appropriation of Groundwater</strong></td>
<td>Oct. 15-55</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Date well started</strong></td>
<td>Oct. 15-55</td>
<td><strong>Type of well drilled</strong></td>
<td>Rotary</td>
</tr>
<tr>
<td><strong>(dug, driven, bored or drilled)</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Water Use</strong></td>
<td>Domestic</td>
<td>Municipal</td>
<td>Other</td>
</tr>
<tr>
<td>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.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Size of Drilled Hole</strong></th>
<th><strong>Size and Weight of Casing</strong></th>
<th><strong>From</strong></th>
<th><strong>To</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>42.7 ft.</td>
<td>11.2 ft.</td>
<td>53</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 21 feet.

Shut-in Pressure for Flowing Well:...

Pumping Water Level: 1...Gal. per minute.

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

How Tested:...

Length of Test:...

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

Driller's License Number

Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Gerald Gaden
Address: Fortine, Mont.
Driller: Thatcher Drilling
Address: Baraka, Mont.

Date of Notice of Appropriation of Groundwater: Oct. 16-65
Date well started: Oct. 12-65
Date Completed: Oct. 16-65

Type of well drilled: Rotary
Equipment Used: Rotary
(Dug, driven, bored or (Churn, drill, rotary or drilled)
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 Fitting (Feet)</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4 in.</td>
<td>11/2</td>
<td>12</td>
<td>60</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 21 feet.
Shut-in Pressure for Flowing Well: 21 feet at 15 gal. per minute.
Pumping Water Level: 21 feet.
Discharge in gal. per min. of flowing well: 21 gal.

How Tested: 21
Length of Test: 21

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).

Driller's License Number: 36
Driller's Signature: [Signature]

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

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

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

**Owner:** T. E. Baker

**Address:** Butte, Montana

**Driller:** Homer McCarty

**Address:** 443-83-97

**Date Started:** June 16, 1957

**Date Completed:** June 23

<table>
<thead>
<tr>
<th>Sec.</th>
<th>T.</th>
<th>R.</th>
<th>¼ sec.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Type of well:** Drilled

**Equipment used:** 2 D.W. air-rotary

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>740</th>
<th>to</th>
<th>124</th>
<th>ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>Casing:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Ft. to Ft.</td>
<td>Ft. to Ft.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Type of screen or perforations:**

**Static Water level, for non-flowing well:** 43 ft.

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

**Pumping water level:** 1 ft. feet at gal. per min. 18.

**How tested:** 

**Length of test:** 2 hrs.

**Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 23'4&quot;</td>
<td>Clay</td>
</tr>
<tr>
<td>23 24'</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>24 62'</td>
<td>Brown hard pan</td>
</tr>
<tr>
<td>62 120'</td>
<td>Dark brown hard pan</td>
</tr>
<tr>
<td>120 124'</td>
<td>Course sand: free running</td>
</tr>
</tbody>
</table>
## Groundwater Index

**County:** Lincoln  
**Twp./Rge.:** 35/25

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>24</td>
<td>Mustard, Cliffville G</td>
<td>G4-2</td>
<td>613</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Ray, Dwayne M</td>
<td></td>
<td>529</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Altschlag, John H</td>
<td></td>
<td>175</td>
<td>SAME FORM</td>
</tr>
<tr>
<td>32</td>
<td></td>
<td></td>
<td>175</td>
<td></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, as amended)

Owner: Orville G. Mustard
Address:  

and Isabelle M. Mustard, as joint owners, and not as owners in common, with rights of survivorship.

Contract excavator: Grant L. Nelson, Eureka, Montana, 59917

Date of Notice of appropriation of groundwater: May 1st, 1969

Date well started: 4/28/68
Date completed: May 1969

Type of well: Dug Springs
Equipment used: Back hoe
(Dug, driven, bored or drilled)

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

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

<table>
<thead>
<tr>
<th>Dug</th>
<th>Size of Drill Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Ft.)</th>
<th>To (Ft.)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>37&quot;x9&quot;</td>
<td>2 ft. from the bottom.</td>
<td>ho: 2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
Spring
Shut-off: Pressure for flowing well
Discharge at 15 ft. of water
Discharge in gal. per min. of flowing well

How Tested: measured in time
Length of Test: 24 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off)
None applicable

Northwest of NW 1/4 of SW 1/4

(Coordinates)

Remarks: (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).

10 acres—water transferred over this area as needed.

Show exact depth of bottom.

Nine feet

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 retained by driller.

Master Plumber’s License No. 999
Montana State Plumbing Board

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

Driller’s Signature: Grant L. Nelson

License Number: 999

4/36
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Diame M. Day
(Name of Appropriator)
of Box 39
(Address)
(Fortune)
(Town)

County of Lincoln
State of Montana

[Diagram of groundwater use]

Indicates 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: Drinking, household use and sprinkling lawn.

3. Date or approximate date of earliest beneficial use and how continuous the use has been: May 24, 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Forty feet in seven inch pipe.

5. If used for irrigation, give the area and description of the lands to which water has been applied and name of the owner thereof: Sprinkling lawn, self owned.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Deep well pumped: located ten feet from house.

7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater: May 24, 1961.

8. The depth of water table: 119'.

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: 192 feet deep with 10" casing pumped by deep water submersible pump.

10. The estimated amount of groundwater withdrawn each year: Household use and sprinkling of lawn.

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: Diame M. Day

Date: Dec. 1, 1965

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

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

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

Plaintiff:                          Day of
Sweetser 25, 1965

Defendant:                          S. D. 1965

By: M. H. Mansfield, County Clerk

By: M. H. Allen, Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Jean P. and Wilhelmina Gerlough, of Box 69, Fortine, Montana
   (Name of Appropriator) (Address) (Town)

   County of Lincoln, 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, irrigation and other useful purposes.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: late summer of 1950 and has been in continuous use ever since. It has been in use for 45 years.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute), all the water of Murphy Creek, rising in Fire Mountain, in Township 39 N, Range 25 West, Lincoln County, Montana.

   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: Jean P. and Wilhelmina Gerlough, owners.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: water flows by natural gravity in Murphy Creek.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: no wells drilled, not applicable.

   8. The depth of water table: not applicable.

   9. The type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: not applicable.

   10. The estimated amount of groundwater withdrawn each year: not available, but we have no way of measuring it.

   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: Notice of Appropriation of Water Right—Dated July 10, 1950 - Recorded July 14, 1950 at 9 A.M. - Book 26, Water Right Location, Page 272, County of Lincoln, via Curtis, G.C., Curtis, John Thomas, Approprietors.

   Owner [Signature of Owner] Date 7-15-1950

   Signature of Owner: [Signature]

   Date 7-15-1950

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 Enforce. 237, Montana Session Laws, 1961)

1. Jean P. and Wilhelmina Garie
   (Name of Appropriator)
   (Address)
   (Town)

   County of Lincoln
   State of Montana

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

2. The beneficial use on which the claim is based:
   Irrigation and other useful purposes

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Late Summer 1930 and has been in continuous use ever since. It has been in use for 40 years.

4. The amount of groundwater claimed: 1.5 acres of land at 50 gallons per minute.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Water flows by natural gravity in Murphy Creek

7. The date of commencement and completion of the construction of the well, and all other works for withdrawal of groundwater: No wells drilled, not applicable.

8. The depth of water table: Not applicable.

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: Not applicable.

10. The estimated amount of groundwater withdrawn each year: Don't know, Murphy Creek carries a fairly good amount of water, but we have no way of measuring it.

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:
   Notice of Appropriation of Water Right --

   Owner: Jean P. Garie
   Signature of Owner: Wilhelmina Garie

   Date: Oct. 15, 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.
United States through which said ditch shall pass, together with the right to repair and
enlarge said ditch wherever and wherever the same may be necessary to convey the water
hereby appropriated.

John P. and Wilhelmine Garlough
Junior and Ruth Harkness
David and Etta C. Curtiss
Charles Curtiss, Jr., propietors and claimants

[Signature]
Copies Now:  John F. and Wilhelmina Garlough, Box 39, Fortino, Montana
         Junior and Ruth Garlough, Fortino, Montana
         David and Audrey Ann Garlough, Fortino, Montana
         Charles Garlough, Fortino, Montana,

owners of certain lands, described below, to file our reinstatement and Declaration
of Vested Water Rights of a certain

Notice of appropriation of water right
Filed July 10th, 1920
Recorded July 11, 1920 at 9:00 a.m.
Book 25, Water Right Location, page 272
County of Lincoln, State of Montana.

filed by John F. and Wilhelmina Garlough, Fortino, Montana, to the
County of Lincoln, State of Montana, for domestic, irrigation and other useful purposes. The place of intended use is
described as follows:
S-1, E-1, Section 32, T-16, R-40, Section 31, T-16, R-39, and S-4 E-1,
Section 25, T-16, R-39, Section 26, T-16, R-39, and S-4 E-1, Section 29,
S-4, E-1, Section 31, T-16, R-40, S-4 E-1, Section 30, T-16, R-40, S-4 E-1,
in Township 25, North, Range 25, West.

Said lands are now owned by John F. and Wilhelmina Garlough,

Said water is diverted and conveyed to said place by means of a dam and ditch. The
Espey Creek stream is more particularly referred to follow, to wit: lines in Fir
Mountain, in said Township 25, North of Range 25, east and lines into a southeasterly
direction, from the terminus of said line into Fortino Creek.

and the unaltered hereby under a right of way over all unappropriated lands of the
United States through which said ditch shall pass, together with the right to repair and
erlang and ditch whenever may be necessary to convey the water hereby
appropriated.

John F. and Wilhelmina Garlough
Junior and Ruth Garlough
David and Audrey Ann Garlough
Charles Garlough, Proprietors and Claimants

Said water is diversionary line.

Signed and verified by John F. Garlough and Wilhelmina Garlough, on December
1963 before Clifford Gowey, Notary Public for the State of Montana, residing at
Shelby, Montana.

By commission expires:
1/19/64
Owners of certain lands, described below, to file our reinstatement and Declaration of Vested Water Rights of a certain

Notice of Appropriation of Water Right
Dated July 10th, 1920
Recorded July 12, 1920 at 9:00 A.M.
Book 25, Water Right Location, page 272
County of Lincoln, State of Montana,

filed by Sam G. Curtis, C. A., Curtis and John Atkinson to THE PUBLIC. Said appropriation claiming all the waters of Murphy Creek, in the County of Lincoln, State of Montana, for domestic, irrigation and other useful purposes. The place of intended use is described as follows:

Sections 32, 33, 34, and 35, Section 31, SE NE 1/4, SW NE 1/4, NE SW 1/4, SW SW 1/4, Section 32, 20, NE 1/4, SW 1/4, Section 31, 20, NE 1/4, SW 1/4, Section 29, 20, NE 1/4, SW 1/4, SE 1/4, NE SW 1/4, All in Township 35, North, of Range 25, West.

Said lands are now owned by Joan P. and Wilhelmina Garlough, Junior and Ruth Pomeroy, David and Aubyn Ann Curtiss and Charles Curtiss.

Said water is diverted and conveyed to said place by means of a dam and ditch, the Murphy Creek stream is more particularly described as follows, to wit: Mina in Fir Mountain, in said Township 25, North of Range 25, West and thence into a Southwesterly direction, across the township mentioned and into Fortino Creek.

And the undersigned hereby claim a right of way over all unappropriated lands of the United States through which said ditch shall pass, together with the right to repair and enlarge said ditch whenever and wherever the same may be necessary to convey the water hereby appropriated.

Joan P. and Wilhelmina Garlough
Junior and Ruth Pomeroy
David and Aubyn Ann Curtiss
Charles Curtiss, Approprietors and Claimants

STATE OF MONTANA, County of Toole. ss.
Signed and verified by Joan P. Garlough and Wilhelmina Garlough, on December 1963 before Clifford Coover, Notary Public for the State of Montana, residing at Shelby, Montana.

By commission expires: 3/15/64
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
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<tr>
<td>32</td>
<td>Potter, L.E.P.O.L.</td>
<td>GW 2</td>
<td>812</td>
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<tr>
<td>32</td>
<td>11</td>
<td>GW 3</td>
<td>CH</td>
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</table>
Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: L.E. & D.L. POTTER
Address: Joyce Springs, ID

Driller: Same
Address: Same

Date of Notice of appropriation of groundwater: Sept. 1965
Date well started: Sept. 1965
Date completed: Sept. 1965

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

Indicate on the following log the character and thickness of the different strata met with in drilling, whether shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and location of the water within the well.

Static Water Level for Non-Flowing Well
36 feet
Shut-In Pressure for Flowing Well
None
Pumping Water Level
Three feet
at 25 G.P.M. per minute
Discharge in gal. per min. of flowing well
None

How Tested: [ ] static
Length of Test: None
Remarks: (Gravel packing, cementing, packers, type of shut-off, etc.)

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, third 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
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
Office of State Engineer

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

1. Leslie E. Potter or Dorothy L. Potter (Address) Troy (Town)
   County of Lincoln 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 Stock & Irrigation, Lodge & Resort

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: July 12, 1961 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 25 Gal. per Min.

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

6. The method of withdrawing such water from the ground and the location of each well or other means of withdrawing Pressure System not operated.

7. The date of measurement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. New well for above water supply will not be started before 1965. Present water supply is CURLEY GREEN

8. The depth of water table: Not Known by present owners

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 24 ft. Hole Necessary depth not known
   Present well is at the side of CURLEY GREEN its depth and other pertinent information not known by present owners

10. The estimated amount of groundwater withdrawn each year: 75,000 Gal. or More

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

12. Such other information or similar nature as may be useful in carrying out the purpose of this act, including reference to book and page of any county record: This property is located on CURLEY

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

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

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

### County: Lincoln
### Twp: 34 North Rge: 33 West

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>15</td>
<td>Sylvanite School Dist.</td>
<td>GW-2</td>
<td>126</td>
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<tr>
<td>26</td>
<td>Burke, J.C.</td>
<td>GW-2</td>
<td>1205</td>
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<tr>
<td>26</td>
<td>11</td>
<td>GW-3</td>
<td>720</td>
<td></td>
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<tr>
<td>26</td>
<td>11</td>
<td>GW-3</td>
<td>721</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Sylvania School
Address: [Address]

Date of Notice of Appropriation of Groundwater: 1-1-63

Date well started: 4-1-63
Date completed: 4-3-63

Type of well: Drilled Equipment Used: Pump drill

Chisel, 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.

Static Water Level for non-flowing Well: 28' feet.

Net Pressure for flowing Well: N.A.

Pumping Water Level: 35' feet at 20 gal. per minute.

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

How Tested: Bailor
Length of Test: 30'

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

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

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

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

Driller's License Number

Driller's Signature
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's Name: TREK, MONTANA
Driller: C & L PLUMBING & HEATING, MONTANA

Date of Notice of appropriation of groundwater: 3/11/69
Date completed: 8/15/69

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

Water use: Domestic, Municipal, Industrial, Irrigation, 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>65/8 Od</td>
<td>17#</td>
<td>0</td>
<td>133</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1/2 x</td>
<td>0</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: \(22\) hr

Length of Test

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

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

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.