<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface 23 ft</td>
<td>yellow clay</td>
</tr>
<tr>
<td>23 ft 46 ft</td>
<td>hard black soil</td>
</tr>
<tr>
<td>46 ft 85 ft</td>
<td>blue-green mud</td>
</tr>
<tr>
<td>85 ft 87 ft</td>
<td>gravel</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)

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: Paul Denari
Address: 125 Wapitiya Dr., Missoula, Montana 59801

Date well started: April 28, 1972
Date well completed: May 2, 1972

Type of well: Drilled

Equipment used: Churn Drill

Water Use: Domestic and Municipal

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

Top of Ground

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>35 Gala.</th>
<th>Power 356</th>
<th>Sawzels</th>
<th>1 ½ &quot; x 4&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>6</td>
<td>Clay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>22</td>
<td>Clay &amp; Gravel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>35</td>
<td>Light tan shale</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>90</td>
<td>Blue Grey Shale &amp; Water</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>90</td>
<td>55</td>
<td>Gray Shale &amp; Water</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>55</td>
<td>103</td>
<td>Dark Brown Shale &amp; Water</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>103</td>
<td>112</td>
<td>Blue Grey Shale</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>112</td>
<td>123</td>
<td>Dark Brown Shale</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>123</td>
<td>143</td>
<td>Gray Shale</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>143</td>
<td>148</td>
<td>Light Brown Shale</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>148</td>
<td>150</td>
<td>Gray Shale</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

LICENSE NO. 7

59427
I received and filed this instrument on
record on the 11th day of May, 1872
in the office of the Register
of Missaukee County, State of Michigan
Witness my hand

[Signature]

By: [Signature] Register

Pd. [Signature] Clerk
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: Eugene Miller
Address: Bonner, Montana

Date well started: June 2, 1972
completed: June 10, 1972

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: 2,500,000 gallons

<table>
<thead>
<tr>
<th>Size of Gravel</th>
<th>Size and Depth of Gravel</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot; 17# up 92</td>
<td></td>
<td></td>
<td>burned 95</td>
</tr>
<tr>
<td>5&quot; 14#</td>
<td>89</td>
<td>110</td>
<td></td>
<td>1/6x2</td>
</tr>
</tbody>
</table>

Static water level: Flowing
Pumping water level: 95

*Measured from ground level.
Well developed by driller for 5 hours.
Power: HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature: Charles Williams

Driller's Address: C.K.G. Drilling, P.O. Box 679, Missoula, Montana LICENSE NO. 189

Show exact depth of bottom
## 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

**Gary Fobell**

**Address**

Potomac, Montana

**File No.**

24, 61, 334, 839

**Date well started**

April 3, 1973

**Date well completed**

April 13, 1973

### 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>Date of Well</th>
<th>Start of Pumping</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/10/73</td>
<td>2:00 p.m.</td>
<td>230</td>
<td></td>
</tr>
</tbody>
</table>

### PERFORATIONS

<table>
<thead>
<tr>
<th>Depth (Foot)</th>
<th>Kind</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>none</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Static water level

*Note: 176 ft.*

### Pumping water level

*Note: 176 ft.*

*Measured from ground level.

Well developed by compressor for 2 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**

**Driller’s Address**

1822 S. 164th St., Missoula, Montana 59807

**License No.**

3314

**Show exact depth of bottom**

Page 53, 13/
I received and filed this instrument for record on the 6th day of December, 1973, at 10 o'clock A.M., in the probate files of Middletown County, State of Maryland.

Witness my hand:

Dorothy L. Head, County Recorder

By: __________________________________, Deputy

Fee $____.00 ____________ Paid ____________
**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1962

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

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

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

---

**Owner:** Lester D. Zimmerman

**Address:** Pattee C., Montana

**File No.:** 2291-3/1972

**Date:** June 13, 1972

**Well No.:** GW 1

---

**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).

---

**Top of Ground**

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>(Gain above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Clay &amp; Gravel</td>
</tr>
<tr>
<td>8</td>
<td>Clay, Rock &amp; Gravel</td>
</tr>
<tr>
<td>22</td>
<td>Tan Shale</td>
</tr>
<tr>
<td>26</td>
<td>Blue Gray Shale</td>
</tr>
<tr>
<td>28</td>
<td>Blue Gray Shale A</td>
</tr>
<tr>
<td>51</td>
<td>Blue Gray Shale A</td>
</tr>
<tr>
<td>79</td>
<td>Blue Brown Shale A</td>
</tr>
<tr>
<td>81</td>
<td>Blue Brown Shale A</td>
</tr>
<tr>
<td>82</td>
<td>Blue Brown Shale A</td>
</tr>
</tbody>
</table>

**Estimated Annual Withdrawal:**

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Depth (Feet)</th>
<th>Width of Hole</th>
<th>Production (Gallons per minute)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; I.D.</td>
<td>6' I.D.</td>
<td>118&quot; above g.s.</td>
<td>4717&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5&quot; I.D.</td>
<td>Plastic</td>
<td>48&quot;</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 37 ft. Pumping water level: 38 ft. at 74 gallons per minute measured 18 minutes after pumping began.

*Measured from ground level. Well developed by 1971. Pump for 20 hours. Power: 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: [Signature]

Driller's Address: 1822 S. 14th W., Missoula, Montana 59801

---

Show exact depth of bottom

59.65
I received and filed this instrument for record on the ..., day of ..., 1977, at , o'clock A.M., and it is recorded as instrument number 3179.73 in the County of Missouri, State of Missouri, on ..., 1977.

Witness my hand.

Vergeen W. Crison, County Recorder
By: (Signature), Deputy

Fee: $12.00

Return to
(Seal)
Address: ...
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

Notice of Appropriation of Groundwater
NOV 22 1963

1. Name of Appropriate
   (Address) _____________________________________________
   (Town) ____________________________
   County of _______________, 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
   ____________________________
   (describe lands to be benefited, if for irrigation)

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

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

5. The probable or intended date of first beneficial use
   ____________________________

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

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

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

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

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.
I received and filed this instrument on the __ day of ___________ at __:__ AM in the Office of the Clerk of Minnawa County, State of ___________.

Witness my hand:

[Signature]

By: [Signature]

For [Signature]
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1925

Owner: Marshall Brondum
Address: Potomac, Montana

Contractor (if any): None
Address of Contractor: None

Date Started: 1925
Date Completed: Unknown

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Two springs running water through 1 inch pipe after being dug by hand to 6 feet deep. Water is at ground level.

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. Water runs through 1 inch pipe continuously and is used to water livestock and for domestic use.

Signature of Owner: Marshall Brondum
Date: Dec. 3, 1963

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

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

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

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

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

We, Russell E. Hall and Muriel J. Hall of Potomac
(Name of Appropriator)
(Home Address)
(Town)

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

2. The beneficial use on which the claim is based: domestic
   livestock, garden, and lawn

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1909

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   pump in elevation 13-13-16, flat H-1 and A; electrical pump draws water in pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1909

8. The depth of water table: 8 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: the well was dug was 20 ft. deep.

10. The estimated amount of groundwater withdrawn each year: 200,000 gals.

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

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:
   The old county road runs just to the south of an old house on the foregoing property.

_____________________________
Signature of Owner:
_____________________________
Date: December 18, 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.
Copy

I received and filed this instrument for record on the 26th day of August, 1963,
at 10:42 o'clock A.M., permanent time of Missoula County, State of Montana.

Witness my hand:

MARTIN E. KINNEY, County Recorder

Dated: September 9, 1963

Deputy Sheriff
# Declaration of Vested Groundwater Rights

**State of Montana**
**Administrator of Groundwater Code**
**Office of State Engineer**

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

**Russell E. Hall and Muriel J. Hall**

(Name of Appropriator)  
(Addres)  
(Town)

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

<table>
<thead>
<tr>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.</td>
</tr>
<tr>
<td>T. 13</td>
</tr>
<tr>
<td>R. 16</td>
</tr>
</tbody>
</table>

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

- **domestic, livestock, garden, and lawn**

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

- **1942; in continuance flow since**

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

- **50 gals. 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

- **16 acres, garden and lawn**

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

- **Pump and galvanized iron pipe running in a northwesterly direction to a stock water trough and for irrigation**

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

- **1942**

### 8. The depth of water table

- **16 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

- **Drill well, 6" casing, 242 ft. deep**

### 10. The estimated amount of groundwater withdrawn each year

- **300,000 gals. per year**

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

- **Gravel and different formations of clay to thin hard pan**

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

- **None.**

---

**Russell E. Hall**

Signature of Owner  

Muriel J. Hall

Date: **July 24, 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.
APPEAL
I received and filed the instrument for record on the 17th day of June, 1963,
at 10 o'clock A.M., pursuant to the laws of Missoula County, State of Montana.
Witness my hand:

[Signature]
MAURICE E. PRICE, COURT RECORER
MISSOULA COUNTY, MONTANA

[Signature]
Field
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1913
Owner: Nina G. Eugene and Robert G. Hall
Address: Potomac, Montana
Contractor (if any): None
Address of Contractor: None
Date Started: 1913 Date Completed: 1913

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

Cemented Walls
Connected by Pipe line
200 feet to dwelling.

Flow plus shallow well pump
Depth of boxed spring 8 feet

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.

25 gal. per minute measured and timed by clock. Used in dwelling
Pump house, coral and barn.
Water for fish water lawns in summer.

Signature of Owner: Robert G. Hall
Date: December 53, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
I received and filed this case on the 15th day of Jan., 1946, at 1:36 p.m., Clerk of the Circuit Court of Wisconsin County, State of Wisconsin.

Witness my hand,

MARTIN E. BROWN

County Recorder

[Signature]

Deputy

[Signature]
Marshall Brondum, of Potomac

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 purposes.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1910, Continuous from that date.

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

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

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

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

8. The depth of water table: Unknown.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Hand dug, 16 feet deep, 2 inch soil pipe, electric pump used for withdrawal of water.

10. The estimated amount of groundwater withdrawn each year: For domestic use.

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

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: Unknown.

Signature of Owner

Date Nov. 23, 1963

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

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

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

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

Date of Appropriation of Groundwater: 1900
Owner: Marshall Bronnum
Address: Potomac, Montana
Contractor (if any): None
Address of Contractor: None
Date Started: Natural Date Completed: Not applicable.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes." Include depth to water when applicable. Natural spring flowing through road culvert under Montana Highway and 20 feet into a 1 inch pipe.

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. Water runs through 1 inch pipe continuously and is used to water livestock and to irrigate pasture lands.

Signature of Owner:
Date: Dec. 3, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
I received the foregoing instrument for record on the 9th day of Dec. 1893 at 11:30 o'clock A.M., permanent time of Mineral County, State of Montana, Witness my hand.

MARTIN E. BISSEL, County Recorder
By: Martin E. Bisssel
Fed. 2, 1893
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

**Leonard & Clyde Hoyle Pasture Montana**

County of Missoula State of Montana

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

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

- Household
- Irrigating lawn & garden

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

- Has been used for a good many years (Continuous)

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

- 65 gpm for own irrigation

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

- Plat A Dec 14, 1913, A 1/16

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

- Electric pump

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

- Undetermined

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

- Fifty feet (50 ft) or under

**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.**

- Undetermined

**10. The estimated amount of groundwater withdrawn each year.**

- 5,000,000 gal

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

- Not known

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

- Leonard & Clyde Hoyle

**Signature of Owner:**

Leonard & Clyde Hoyle

**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.
I received and filed this instrument for
registration 11th day of Nov. 1901
at 10 o'clock A.M., permanent files
of Missoula County, State of Montana.
Witness my hand.

William E. Bickford, County Recorder
By: _______________ Deputy
Paid: _______________
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1951)

Date of Appropriation of Groundwater: APRIL 1956
Owner: NICK GABRIEL
Address: POTOMAC, MONT.
Contractor (if any): NICK GABRIEL
Address of Contractor: TWILIGHT, CREEK, MONT.
Date Started: APRIL 1956 Date Completed: APRIL 1956

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

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

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. 100 C.A.R.D. PER DAY, USED DAILY.

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.
I removed and filed this instrument for record on the 3rd day of May, 1909, at 3:00 o'clock P.M., in the office of the Recorder of Mineral County, State of Montana.

William A. Swinehart, Register

Mabel Lane, Deputy

For 12½. Pub.
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

HENRY F. HAYES, Petitioner,

1. Petitioner and the Hayes, of Potomac, Montana,

(Name of Appropriator)

County of Missoula, State of Montana,

(Address) (Town)

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

2. The beneficial use on which the claim is based: For domestic use at the home of Henry F. Hayes.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June, 1894, and continuously thereafter up to the present time.

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

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof: Only use for irrigation is occasionally in the yard at the house.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: A spring in the Southeast Quarter of the Northwest Quarter (SE¼NW¼) of the Southeast Quarter (SE¼) of Section 17, Township 13 North, Range 16 West, and an electrical pump pumping the water at a rate of 20 gals. per minute through a galvanized pipe about 720 ft. in an easterly direction to the residence of Henry F. Hayes. About June, 1894.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: About June, 1894.

8. The depth of water table: Two (2) to Four (4) 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: No other wells used for this purpose.

10. The estimated amount of groundwater withdrawn each year: Continuous flow of approximately Twenty (20) inches.

11. The log of formations encountered in the drilling of each well if available: No log of formations encountered.

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: No County record of this appropriation.

On said described land, which residence is about 150 feet East of the East side line of said described premises.

Signature of Owner: Henry F. Hayes

Date: Dec 12, 1963

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

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

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

15/66
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1962)

File No. T.13 R.16 Sec.14

County of

STATE OF MONTANA

T.13 T.16 Sec.14

DUPLICATE

County of

Declaration of Vested Groundwater Rights

I, [Name of Appropriator], of [Address], have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

2. Date or approximate date of earliest beneficial use, and how continual the use has been:

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

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

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

6. The depth of water table:

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: [Signature]

Date: [Date]

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

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

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

1. Name of Appropriator (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.

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 Appropiator.
I received and filed this instrument in record on the 25th day of July, 1957, at Augusta, Me., pursuant to law of Augusta County, State of Maine.

Witness my hand.

[Signature]

[Notary Public in Maine]

[Recorded by]

[Notary Public in Maine]
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

#### STATE OF MONTANA

**ADMINISTRATOR OF GROUNDWATER CODE**  
**OFFICE OF STATE ENGINEER**

**Declaration of Vested Groundwater Rights**

(State Engineer)

**County**

**File No.**

**DUPPLICATE.**

#### STATE ENGINEER

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

County **MISSOURI**  
State of **MONTANA**

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

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

2. **The beneficial use on which the claim is based:**  
   **HOUSEHOLD AND BUSINESS USE**

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

4. **The amount of groundwater claimed (in miner's inches or gallons per minute):**  
   **TEN GALLONS 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**
   **NO**

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

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

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

9. **So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:**
   **PAKED WELL - 125 FEET DEEP**

10. **The estimated amount of groundwater withdrawn each year:**
    **150 GALLONS PER DAY**

11. **The log of formations encountered in the drilling of each well if applicable:**
    **GRAY FORMATION WITH VERY LITTLE 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:**

   ```
   Signature of Owner: [Signature]
   Date: Dec 30, 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)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

NAME OF APPROPRIATOR:Potomac

ADDRESS: Potomac

TOWN: Potomac

COUNTY: MISSOURI

STATE: MONTANA

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

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

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 area 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 depth of water table.

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

9. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner: 

Date: Dec, 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.
Copy

I received and filed this instrument for record on the 2... day of... 19... at... o'clock... M., in the name... of... County, State of... Witness my hand:

MARTIN S. SMITH
County Recorder

By: """"""""""""""""""""""""""""
Deputy

For $2.00... filed
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level)

<table>
<thead>
<tr>
<th>0 to 20'</th>
<th>20' to 35'</th>
<th>35' to 50'</th>
<th>50' to 55'</th>
<th>55' to 60'</th>
<th>60' to 105'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dig hole</td>
<td>Sandy clay &amp; gravel</td>
<td>Silty sand</td>
<td>Yellow clay</td>
<td>Soft grey shale &amp; water</td>
<td>Soft yellow shale &amp; water</td>
</tr>
</tbody>
</table>

Owner: Delph Vills Address: Polson, Montana
Driller: Glenn Camp Address: Missoula, Montana

Date of Notice of Appropriation of Groundwater: 10/23/64
Date Well Started: 10/06/64
Date Completed:

Type of Well: Drilled
Equipment Used: Churn drill
(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>6&quot;</td>
<td>6&quot; I.D.</td>
<td>6' above S.L.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>10' to 65'</td>
<td>65' to 105'</td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 21'.
Shut-in Pressure for Flowing Well:
Pumping Water Level: 44 feet at 15 gal. per minute.
Discharge in gal. per min. of flowing well:
How Tested: Test pump Length of Test: 3 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.

[Diagram with coordinates and notes]

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

Show exact depth of bottom.

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

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

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

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>(Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 15' Clay &amp; gravel</td>
<td></td>
</tr>
<tr>
<td>15' to 28' Silty Sand</td>
<td></td>
</tr>
<tr>
<td>28' to 68' Silty Sand</td>
<td></td>
</tr>
<tr>
<td>68' to 132' Soft grey</td>
<td></td>
</tr>
<tr>
<td>Water Use: Domestic □ Municipal □ Other □ Irrigation □</td>
<td></td>
</tr>
<tr>
<td>Indicate in 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>
</tr>
</tbody>
</table>

<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>18' 9'7&quot; to 68' 11'6&quot;</td>
<td>6' T.D. 1' 4&quot; above s.f.</td>
<td>1' 0&quot;open 1' 0&quot;to</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well...15 feet. Shut-in Pressure for flowing well...
Pumping Water Level...28 feet at...1 1/2 gal. per minute.
Discharge in gal. per min. of flowing well...
How Tested...pump Length of Test...2 hours
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)...

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

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

License #7
Driller's License Number

License #7
Driller's License Number

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

Date of Appropriation of Groundwater: 5 June 1969
Owner: Roy R. Wilks
Address: Potomac
Contractor (if any): None
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. Since storage tank was constructed 60' above water, there has been much more water.

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. Quantity varies from May 1 to August 1.

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

Signature of Owner: Roy R. Wilks
Date: 5 June 1969

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 Appropriate.
I received and filed this instrument for record on the 12th day of January, 1957, at 11:30 a.m. in the permanent files of Mineral County, State of Montana.

Witnesss my hand:

Veronica K. Cruse, County Recorder
By Jan. 12, 1957, Deputy
For M.E.C., J. P. }
Notice of Completion of Groundwater Appropriation by Means of Well

(Shaped, 237, Montana Session Laws, 1961)

所有权人: John Smith
地址: 705 Alder, Helena, Montana

日期: 1964年7月10日

井类型: 汉登

用水类型: 管道

设备: 汉登

钻井日期: 1964年7月10日

完成日期: 1964年7月13日

用水: 管道

其他: 管道

灌溉: 管道

井中所遇不同层次的特性及厚度:

<table>
<thead>
<tr>
<th>层次</th>
<th>材质</th>
<th>厚度</th>
</tr>
</thead>
<tbody>
<tr>
<td>6英尺</td>
<td>混凝土</td>
<td>1英尺</td>
</tr>
<tr>
<td>18.07英尺</td>
<td>花岗岩</td>
<td>5英尺</td>
</tr>
</tbody>
</table>

静止水位: 37英尺

抽水压力: 8英尺/每分钟

排水量: 8英尺

测试长度: 1小时

备注:

在图中指示井的位置和用途,如果可能的话。每个小的正方形代表10英亩。

静态水位,对于非流动的井

灌溉

此表由钻井工填写,并将三份副本由井的业主提交给县委员会书记。

请回答所有问题。如果答案不适用,请注明。 otherwise the form will be returned.
I received and filed this instrument for record on the 25th day of Sep't., 1876, at 11 o'clock A.M. pursuant to the laws of Marquette County, State of Michigan.

By:

Wm. A. Cox, County Recorder.

By: R. L. Chamberlin, Deputy.

Fee 1 — D. 1. 80 — Paid.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level_________)

| 0 to 5' Top soil | Owner: Roy Mills Address: Potomac, Montana |
| 5' to 25' Clay | Driller: Glenn Gasp Address: Missoula, Mont |
| 25' to 90' Sand & gravel | Date of Notice of Appropriation of Groundwater |
| 90' to 40' Water, sand & gravel | Date well started: 7/15/63 Date Completed: 7/22/63 |
| 40' to 55' Clay | Type of well: Drilled |
| 55' to 90' Shale | Equipment Used: Churn drill |
| 90' to 94' Sandstone, water & clay | (dig, driven, bored or drilled) |
| 94' 95' water, sand & gravel | (Churn, drill, rotary or other) |
| 95' to 125' Shale & clay 6' | Water Use: Domestic | Municipal | Other | Irrigation |
| 6' I.D. 1' above G.L. | Industrial | | | |
| 1' Im to 9' - 1' | Drainage | | | |

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 15' from G.L. feet |
| Shut-in Pressure for Flowing Well |
| Pumping Water Level 90 feet at 8 gal. per minute |
| Discharge in gal. per min. of flowing well |
| How Tested: | Baller Length of Test: 2 hours |

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

Show exact depth of bottom.

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

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

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

5546.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Appropriation by Means of Well

Date of Notice of appropriation of groundwater: None filed

Date well started: 4/21/69 Date completed: 4/25/69

Type of well drilled: Gravel and sand gravel.

Equipment used: Cable tools

Water use: Domestic

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

Static Water Level for non-flowing well

71 16" feet

Shut-in Pressure for Flowing Well: None.

Pumping Water Level: 64 feet

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

How Tested: Air Lift Pump

Length of Test: Three hours

Remarks: (Gravel packing, cementing, packers, type of shutoff). All water entering well is coming through open bottom of six inch casing. Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50% of the tested capacity of the aquifer.

Lot 12 and 13, Block 3, West Riverside

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

Driller's Signature

82

4/5/69
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 Tom Wells
Address Blackfoot

Date well started 5-29-73
completed 5-31-73

Type of well Drilled
Equipment used Air rotary
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 (EAW)

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and Kind of</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hole</td>
<td>Pipe or Casing</td>
<td></td>
</tr>
<tr>
<td>6&quot;</td>
<td>17 lb. +1 per ft.</td>
<td>none</td>
</tr>
</tbody>
</table>

From 10' to 260'
P.V.C. & Wire installed 260 160

Static water level 87 ft.
Pumping water level 10 ft.
at 10 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by air compressor
for 31/2 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 3726 Mount Ave., Missoula, Mt. 59801

LICENSE NO. 269

Show exact depth of bottom

Top of Ground

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>10</td>
<td>Soil &amp; rock layers</td>
</tr>
<tr>
<td>10</td>
<td>75</td>
<td>Blue clay layers</td>
</tr>
<tr>
<td>75</td>
<td>100</td>
<td>Brown clay with carbon layers</td>
</tr>
<tr>
<td>100</td>
<td>150</td>
<td>Blue &amp; gray clay layers</td>
</tr>
<tr>
<td>150</td>
<td>200</td>
<td>Brown clay with carbon layers</td>
</tr>
<tr>
<td>200</td>
<td>220</td>
<td>Gray shale layers</td>
</tr>
<tr>
<td>220</td>
<td>245</td>
<td>Gray shale with water layers</td>
</tr>
<tr>
<td>245</td>
<td>295</td>
<td>Gray shale with water 9' 248 ft.</td>
</tr>
</tbody>
</table>

53,983.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1910

Owner: [Name]
Address: [Address]

Contractor (if any): [Name]
Address of Contractor: [Address]

Date Started: [Date]
Date Completed: [Date]

Describe means of obtaining groundwater without a well "as by sub-irrigation 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 approximate lengths of periods of use.

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

Signature of Owner: [Signature]
Date: [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.

File No. [Number]
County: [County]

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

STAI

RECEIVED
JAN 3 1965

T 13 R 16 W

File No. [Number]
County: [County]

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

STAI

RECEIVED
JAN 3 1965

T 13 R 16 W

File No. [Number]
County: [County]

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

STAI

RECEIVED
JAN 3 1965

T 13 R 16 W

File No. [Number]
County: [County]
I received and filed this instrument for record on the 30th day of Dec., 1960 at 11:30 A.M., permanent files of Muskingum County, State of Ohio.

Witness my hand:
MARTIN E. BOWNER, County Recorder
By: ________________________

For: ________________________

2/5/60
<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>
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<td>Case, Arnold H</td>
<td>GW3</td>
<td>745470</td>
<td></td>
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<tr>
<td>12</td>
<td>Scott &amp; kunne</td>
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<tr>
<td>13</td>
<td>Case, Arnold H</td>
<td>GW3</td>
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<tr>
<td>14</td>
<td>Halle, Ruth J</td>
<td>GW4</td>
<td>215369</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Case, Arnold H</td>
<td>GW3</td>
<td>745475</td>
<td></td>
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<tr>
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<td>Case, Arnold H</td>
<td>GW3</td>
<td>745474</td>
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<td>14</td>
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<td>EW4</td>
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<td>30</td>
<td>Pittsburgh, Mound</td>
<td>EW3</td>
<td>302333</td>
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<td>31</td>
<td>Clark, Jack J</td>
<td>EW3</td>
<td>329207</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Clark, Jack J</td>
<td>EW2</td>
<td>329208</td>
<td></td>
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<tr>
<td>31</td>
<td>Mitchell, Raymond H</td>
<td>EW2</td>
<td>299139</td>
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<tr>
<td>31</td>
<td>Pelton, Sidney</td>
<td>EW2</td>
<td>377346</td>
<td></td>
</tr>
</tbody>
</table>
| 29   | Coppenhouse, John H | EW1          | 334041         | Red flag
| 29   | Hagstrom, John      | EW4          | 715467         |         |
| 29   | Hagstrom, John      | EW4          | 715467         |         |
| 29   | Montgomery, Holly   | EW2          | 330335         |         |
| 29   | Pittsburgh, Mound   | EW3          | 302337         |         |
| 29   | Pittsburgh, Mound   | EW3          | 302337         |         |
| 50   | Curry, Robert R     | GW2          | 294046         |         |
| 30   | Pittsburgh, Mound   | EW2          | 295526         |         |
| 31   | Steel, Charles L    | GW2          | 300259         |         |
| 34   | Adkins, Lloyd       | GW4          | 295224         |         |
| 34   | Wood, Ida          | GW4          | 215441         |         |
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1902
Owner: 
Address: Pocatello, Montana
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.
Free-Flowing Spring Used for Stock Water:
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:
Indicate point of appropriation and place of use, if possible.
Signature of Owner: 
Date: 12-25-65

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.
I received and filed this instrument for record on the 30th day of December, 1945, at 3:30 o'clock in the morning of the permanent time of Missoula County, State of Montana.

Witnes my hand:

John A. Stagg, County Recorder

By: [Signature]

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

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

STATE ENGINEER  

1. The Forest and Conservation Experiment Station, School of Forestry, Montana State University  
(Name of Appropriator)  
(Attends)  
(W);cadc1c<1 (Town)  
County of  
State of Montana  

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

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

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 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:  

The Forest and Conservation Experiment Station, School of Forestry, Montana State University  
Signature of Owner:  
By: Rose A. Williams, Director  
Date: 2/13/62  

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropriator.
190473

I received and filed this instrument for record on the 26th day of January, 1904, at 11:27 o'clock A.M., pursuant to law, of Minerals County, State of Montana.

Witness my hand.

MAURIN E. KINNE, County Recorder

[Signature]

Jan. 6, 1904, Paid.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Date of Appropriation of Groundwater</th>
<th>1933</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>R. C. Cox, Miss.</td>
</tr>
<tr>
<td>Contractor (if any)</td>
<td></td>
</tr>
<tr>
<td>Address of Contractor</td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td></td>
</tr>
<tr>
<td>Date Completed</td>
<td></td>
</tr>
</tbody>
</table>

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

Quantify 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.

Signature of Owner: Arnold H. Cox

Date: 2-8-1965

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.