**Form No. 18**

<table>
<thead>
<tr>
<th>Section</th>
<th>T.</th>
<th>R.</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>21</td>
<td>46</td>
<td>Silver Creek</td>
</tr>
</tbody>
</table>

**MONTANA BUREAU OF MINES AND GEOLOGY**

Butte, Montana

**Water Well Log**

**Owner**: [Name redacted]

**Address**: [Address redacted]

**Driller**: [Name redacted]

**Address**: [Address redacted]

**Date Started**: April 15, 1945

**Date Completed**: April 1945

**Location**: Sec. 11 T. 26 R. 46, Sec. 1

---

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

<table>
<thead>
<tr>
<th>Water use:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ft. to 29 ft.</td>
</tr>
<tr>
<td>25 ft. to 29 ft.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand point screen</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static water level, for non-flowing well:</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 feet</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
</tr>
</thead>
<tbody>
<tr>
<td>lb./sq. in. on: (date)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 feet at 10 gal. per min.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
</tr>
</thead>
<tbody>
<tr>
<td>By</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length of test</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permanent Use</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Remarks:</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>August Hill with Sand Point</th>
</tr>
</thead>
</table>

(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth From</th>
<th>Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>20</td>
<td>Blue Clay + Sand</td>
</tr>
<tr>
<td>20</td>
<td>29</td>
<td>Water Laying Sand - Course Sand</td>
</tr>
</tbody>
</table>

**123391**

Water Well Log # 135
MONTANA BUREAU OF MINES AND GEOLOGY
Suite, Montana

WATER WELL LOG

STATE ENGINEER

Owner: Ray & Roy Cuaker
Address: Wolf Point, Montana

Driller: Don Haggerty
Address: Linsday, Montana

Date Started: May 96, 20 th, 1964
Date Completed: May 29, 1964

Location: Sec. 21 T. 26 R. 46 1/4 sec. SW1/4

Type of well: drilled
Equipment used: Churn Drill

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

Casing: 5 # ft. to 156 ft. Type: screwed Size: 5 inch

Perforated or Screened: 150 ft. to 156 ft. Type: in casing

Static Water level, for non-flowing well: 130 feet

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

Pumping water level: 140 feet at gal. per min.

How tested: Slush bucket

Length of test: 2 hours

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

Gravel packed around casing from to 156 feet

(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0  -  20</td>
<td>Sandstone formation</td>
</tr>
<tr>
<td>20 - 40</td>
<td>Clay and sandstone rock</td>
</tr>
<tr>
<td>40 - 80</td>
<td>Clay and sandstone</td>
</tr>
<tr>
<td>80 - 120</td>
<td>Clay and Sandstone</td>
</tr>
<tr>
<td>120 - 150</td>
<td>Clay and Sandstone</td>
</tr>
<tr>
<td>150 - 156</td>
<td>Porous water bearing clay pocket - small gravel bed.</td>
</tr>
</tbody>
</table>

---

**Water Well Log 49**

**Date:** December 22nd, 1959

**Signatures:**

- Field Supervisor: [Signature]
- Clerk: [Signature]
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Reuben Baudbanks, of Wolf Point
   (Address) (Town)

County of McCone, 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*

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1930

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 100 ft

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:
   * Plunger Pump Electric Motor*

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1920

8. The depth of water table: 20 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:
   * Latrine 100 ft deep*

10. The estimated amount of groundwater withdrawn each year:

11. The log of formations encountered in the drilling of each well if available:
   * None*

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

Signature of Owner: Reuben Baudbanks
Date: 12-13-65

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
Water Well Log #628.

State of Montana
County of Missoula
County Clerk and Recorder.

This 13th day of December A.D. 1965
at 3:10 P.M.

[Signature]

[Stamp]

$2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Albert J. Dahl
   of Weldon Route
   (Name of Appropriator) (Address) (Town)
   County of McCona 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
   Livestock watering; irrigation & domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   Use began in 1961; used continuously from 1961 to present time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) __ 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
   Approx. 3 acres in Sec 29 of Tp 26N, R 66W, M.P.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Withdrawn by pump - located in South portion of Sec 29

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

8. The depth of water table __ 651

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   6 in. casing; 1651 depth to water table

10. The estimated amount of groundwater withdrawn each year __ 500,000 gals.

11. The log of formations encountered in the drilling of each well if available
   None available

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

Signature of Owner __________________________
Date January 19, 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 School of Mines and quadruplicate for the Appropriator.
DOC. NO. 123530
WATER WELL LOG FILE NO. 197

State of Montana
County of McCon. 
Office of Clerk and Recorder.
Filed this 22nd day of January A.D. 1962 at 8:29 o'clock A.M.

Clerk and Recorder
By
Fe$. $2.00
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. Albert J. Dahl
   (Name of Appropriator)
   (Address) State of Montana
   County of McCone
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   NE 1/4 SE 1 Sec. 28 T 26 N R 46 E
   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

   2. The beneficial use on which the claim is based  Watering of livestock

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been  Used continuously since 1916

   4. The amount of groundwater claimed (in miner’s inches or gallons per minute) 3 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  Not applicable

   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  Around 1926

   8. The depth of water table 135 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

   6 ft casing; 135 ft depth to water table

   10. The estimated amount of groundwater withdrawn each year  Approx. 75,000 gals.

   11. The log of formations encountered in the drilling of each well if available  None

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

   Signature of Owner  Albert J. Dahl
   Date  January 19, 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 School of Mines and Quadruplicate for the Appropriator.
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

## 1. Declaration of Vested Groundwater Rights

<table>
<thead>
<tr>
<th>No.</th>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
<th>County of Appropriator</th>
<th>State of Appropriation</th>
<th>Description of Groundwater Appropriated</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Albert J. Dahl</td>
<td>Weldon</td>
<td>Route</td>
<td>McConne</td>
<td>Montana</td>
<td>According to Montana laws in effect prior to January 1, 1962.</td>
</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based: Irrigation and watering of livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Used continuously from 1920 to 1935; used occasionally since 1935 to present.

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

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. Name of owner of land: Albert J. Dahl.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Withdrawn by pump - well located in southeast corner of SE SEC 12 OF T26N R66S.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commenced and completed around 1920.

8. The depth of water table: 165 ft.

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

10. The estimated amount of groundwater withdrawn each year: ___________ gal/s.

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

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

Signature of Owner: Albert J. Dahl

Date: January 19, 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 School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Name of Appropriator: David J. Thomas
   Address: P.O. Box 200
   Town: Laurel
   County of: Lewis
   State of: Montana

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   1913

4. The amount of groundwater claimed (in inches or gallons per minute):
   100 gallons

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:
   20 acres

6. The means of withdrawing such water from the ground and the location of each well or other works for withdrawal:
   Type: Pump
   Location: Wells,

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   Started in 1913

8. The depth of water table:
   10 ft to water - 30 ft depth of water

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:
   Only one well described in no. 8

10. The estimated amount of groundwater withdrawn each year:
    3,000 gallons

11. The log of formations encountered in the drilling of each well if available:
    68' Bufflehead sandstone

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

Signature of Owner: David J. Thomas
Date: October 15, 1964

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Water Well Log #611.

State of Montana
County of McCone
Office of Clerk and Recorder.
Filed this 20th day of
October, A.D. 1964
at 2:33 o'clock P.M.

By Deputy
Fee $2.00

DOC. # 128368
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Cobill, Cleo</td>
<td>Well Log</td>
<td>121989</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>'Bud</td>
<td>GW2</td>
<td>132055</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Johnson, John B</td>
<td>Well Log</td>
<td>117979</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>Johnson, Floyd</td>
<td>GW-VT</td>
<td>117542</td>
<td></td>
</tr>
</tbody>
</table>
## WATER WELL LOG

**Owner:** Cleo Cahill  
**Address:** Wolf Point, Mont.

**Driller:** Daniel Haggerty  
**Address:** Lindsay, Mont.

**Date Started:** Oct. 31, 1960  
**Date Completed:** Nov. 3, 1960

**Location:** Sec. 5 1/2, T. 26, R. 47  
3/4 sec. NW 1/4 of SE 1/4

### Type of Well

- **Type of Well:** Drilled
- **Equipment Used:** Cable Tool Rig

### Water Use

- **Water Use:** Stock

### Casing

- **Casing:** 0 ft. to 67 ft.  
  - **Type:** SPTC  
  - **Size:** 5"  
- **Casing:** 67 ft. to ft.  
  - **Type:**  
  - **Size:**

### Perforated or Screened

- **Perforated or Screened:** Ft. 56 to ft. 66  
  - **Type:**  
  - **Size:**

### Type of Screen or Perforations

- **Type of Screen or Perforations:** Shots cut in casing

### Static Water Level

- **Static Water Level:** ft.

### Shut-in Pressure

- **Shut-in Pressure:** lb./sq. in. on:

### Pumping Water Level

- **Pumping Water Level:** 12 feet at: 10 gal. per min.

### How Tested

- **How Tested:** Boiled

### Length of Test

- **Length of Test:** 1 HR.

### Remarks

- **Remarks:** Gravel packed outside casing 15'
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 4</td>
<td>Top soil</td>
</tr>
<tr>
<td>4 - 27</td>
<td>Yellow clay</td>
</tr>
<tr>
<td>27 - 56</td>
<td>Grey</td>
</tr>
<tr>
<td>56 - 67</td>
<td>Sand, producing water</td>
</tr>
</tbody>
</table>

121889

State of Michigan
County of Jackson

February 10, 19---

Filed at the Office of the Clerk of the Circuit Court of Jackson County.

A. F. M.

Fee: 

By:

Secretary
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: J. Will Canihl
Address: Wolf Point, Mont.

Driller: Daniel Q. Haggerty
Address: Lindsay, Mont.

Date of Notice of appropriation of groundwater: 9/15/69
Date well started: 9/8/69
Date completed: 9/11/69

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

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

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

<table>
<thead>
<tr>
<th>Size of Defiled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet) To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.5&quot; plastic</td>
<td>0 155</td>
<td>145 155</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
Shut-in Pressure for Flowing Well
Pumping Water Level
Discharge

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

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

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

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

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

Driller's License Number
Driller's Signature

File No. 25

State of Montana
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD
135952

Water Well Log #681.

State of Montana

County of McCone

Office of Clerk and Recorder.

Filed this 4th day of

November A.D. 1969

at 1:00 o'clock P.M.

[Signature]

Clerk and Recorder

[Signature]

Deputy

Fee $2.00
## WATER WELL LOG

### General Information
- **Owner:** John H. Johnson, Jr.
- **Address:** Wolf Point, Montana
- **Driller:** A & B Drilling Co.
- **Address:** Scobey, Montana
- **Date Started:** 9/21/58
- **Date Completed:**
- **Location:** Sec. 29, T. 24 N., R. 47 W., 5th P.

### Well Information
- **Type of well:** Drilled
- **Equipment used:** Cable tool drilling machine
- **Water use:** Domestic, Municipal, Stock, Irrigation

### Casing Information
- **Casing:** 33 1/2 feet of casing used
- **Type:** Steel, tar coated
- **Size:** 6".

### Perforations
- **Type of screen or perforations:** Tubular sheet.

### Water Level
- **Static Water level, for non-flowing well:** 171 feet.
- **Shut-in pressure, for flowing well:** 60 plus lb./sq. in. on:

### Pumping Information
- **Pumping water level:** 60 feet at 60 gal. per min.
- **How tested:** Dailer

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

---

(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
<th>Water levels</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>old hole 3 1/2' of water</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>brown clay 30' of drilling</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>gravel 33 1/2' of 6' casing</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>sand Water strata 17 on</td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>gravel GPM - 60 plus</td>
<td>Static water level - 17</td>
</tr>
<tr>
<td>40</td>
<td>rock, total depth Draw down - none @ 60</td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>Purf - 40 to 45</td>
<td></td>
</tr>
</tbody>
</table>

# 117979

J. Joins of Mapleton

County of McDowell

Office of Clerk and Recorder

[Signature]

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

Date of Appropriation of Groundwater: September, 1971

Owner: State of Montana Address: Helena, Montana
by Floyd Johnson, Lessee
Contractor (if any): David Sorens

Address of Contractor: Wolf Point, Montana

Date Started: Sept. 20, 1971 Date Completed: Sept. 25, 1971

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Ditch dug, tile laid in and
packed with gravel, plastic pipe into a wooden tank.

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:

Approx. 3/4 gal. per minute. Used about six months.

N

W

S

E

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

State of Montana

Signature of Owner: Floyd Johnson, Lessee

Date: February 10th, 1972

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.
As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide, as indicated in red on the attached form, the groundwater use claimed.

Thank you.

RECEIVED

JUN 1 & 1972

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: September, 1971

Owner: John Doe, Address: Bozeman, Montana

Contractor: John Smith, Address: Bozeman, Montana

Date Started: September 1, 1971
Date Completed: September 15, 1971

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes": Include depth to water when applicable. Equipment used: Plastic pipe into a wooden tank.

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.

Approxi. 3/4 gal. per minute. Used about six months.

Water use? for cattle and wildlife.

State of Montana

Signature of Owner:

Date: February 10th, 1972.

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.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Baker, L. E.</td>
<td>Well Age</td>
<td>121796</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Nesar, Joe</td>
<td>GW 4</td>
<td>123467</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>&quot;</td>
<td>4</td>
<td>127466</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Barrow, Harry, E.</td>
<td>—</td>
<td>123724</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Sexton, Wallace</td>
<td>—</td>
<td>123572</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Barrow, Harry, E.</td>
<td>—</td>
<td>123760</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Sarley, John</td>
<td>GW 5</td>
<td>123761</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Shelping, Orville</td>
<td>Well Log</td>
<td>123577</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Shelping, Orville</td>
<td>&quot;</td>
<td>123577</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>&quot;</td>
<td>&quot;</td>
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<td></td>
</tr>
<tr>
<td>21</td>
<td>&quot;</td>
<td>&quot;</td>
<td>123577</td>
<td></td>
</tr>
</tbody>
</table>
**Montana Bureau of Mines and Geology**

**WATER WELL LOG**

**Owner:** Leroy Baker  
**Address:** Wolf Point, Mont.

**Driller:** Simpson Drilling Co.  
**Address:** Malta, Mont.

**Date Started:** 29 Oct 80  
**Date Completed:** 2 Nov 80

**Location:** Sec. 1  
**T. 26**  
**R. 48**  
**Sec. 1/4 SE1/4 of NE1/4**

**Type of well:** Drilled  
**Equipment used:** Churn drill

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

**Industrial [ ]  
**Drainage [ ]  
**Other: [ ]

**Casing:** 0 ft. to 219 ft.  
Type: Steel  
Size: 4" I.D.

**Perforated or Screened:**

**Type of screen or perforations:**

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

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

**Pumping water level:**

**How tested:**

**Length of test:** 1 hr.

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

---

**CSq driven into: Sandstone.**

---

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 28</td>
<td>Brown sand clay</td>
</tr>
<tr>
<td>28 - 30</td>
<td>Grey shale</td>
</tr>
<tr>
<td>30 - 31</td>
<td>Coal</td>
</tr>
<tr>
<td>31 - 54</td>
<td>Grey sandy shale</td>
</tr>
<tr>
<td>54 - 68</td>
<td>Hard shale</td>
</tr>
<tr>
<td>68 - 62</td>
<td>Grey shale</td>
</tr>
<tr>
<td>62 - 64</td>
<td>Grey shale coal</td>
</tr>
<tr>
<td>64 - 76</td>
<td>Grey shale</td>
</tr>
<tr>
<td>76 - 80</td>
<td>Coal water 2 to 3 GPH</td>
</tr>
<tr>
<td>80 - 150</td>
<td>Grey shale</td>
</tr>
<tr>
<td>150 - 162</td>
<td>Grey sandy shale</td>
</tr>
<tr>
<td>162 - 170</td>
<td>Grey - green shale</td>
</tr>
<tr>
<td>170 - 183</td>
<td>Grey shale</td>
</tr>
<tr>
<td>183 - 189</td>
<td>Coal</td>
</tr>
<tr>
<td>189 - 192</td>
<td>Grey shale</td>
</tr>
<tr>
<td>192 - 193</td>
<td>Coal</td>
</tr>
<tr>
<td>193 - 215</td>
<td>Grey shale</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Joe Nashe
(Name of Appropriator)

of
(Address)

in
(Town)

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

1. My
(State of)

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1959

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 5 gpm

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: NO

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1959

8. The depth of water table: 260 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 290 FT DEEP

10. The estimated amount of groundwater withdrawn each year: 75,000 GALLONS

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

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

Signature of Owner: Joe Nashe

Date: January 6

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.
DOX. NO. 127467

WATER WELL LOG FILE NO. 591

JOE HES'N

TO

THE PUBLIC

STATE OF MONTANA

CITY OF BOZEMAN

OFFICE OF COUNTY CLERK & RECORDER

Filed this 27th day of Jan., 1964 A.D., at 12:50 O'clock P.M.

COUNTY CLERK

FEB. 32.00
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Name: John Doe
   Address: 123 Main St, Anytown, MT
   County: Missoula
   State: MT

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

3. Date or approximate date of earliest beneficial use: Jan 1, 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 gals.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   Acreage: 50
   Description: Farm land

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Well 1: Located at N 45° 30', W 120° 45', Depth: 250 ft

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Oct 1960

8. The depth of water table: 25 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:
   Well 1: 100 ft depth, 6 in diameter

10. The estimated amount of groundwater withdrawn each year: 40,000 gals

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: John Doe
Date: Jan 24, 1964

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
WATCO WELL LOG FILE NO. 590

JOE HOSIER

TO

THE PUBLIC

STATE OF MONTANA

COUNTY OF MCDONEL

OFFICE OF COUNTY CLERK & RECORDER

Filed this 27th day of Jan., 1964 A.D.

at 12:05 O'clock P.M.

FEE: $2.00
Declarations 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

1. Harvey P. Sanner
   (Name of Appropriator)
   Helena
   (Address) Montana
   County of
   State of
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: About July of 1960 for one
   of house. About September of 1960 for the one at the barn.

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   House - 2 gallon per minute
   Barn - 4 gallon 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:
   House - used for partial irrigation of garden
   Garden acreage about 4 acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   House - use jet pump located in 16 basement
   Barn - windmill located at SE corner of barn

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   Estimated date of construction - House July of 1960
   Barn September of 1964

8. The depth of water table:
   House - 50 feet
   Barn - 60 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:
   House - 8 inch casing down to 10 feet, remainder 18 inch casing
   Barn - 8 inch casing 70 feet

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

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

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

Signature of Owner:

Date:

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

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

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

Administrator of Groundwater Code 

Office of State Engineer 

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

1. Wallace Sexton          of Yuma, MT.  Wellsinton.  
   (Name of Appropriator) (Address) (Town) 

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

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: August 31, 1962 ever since

4. The amount of groundwater claimed (in miner's inches or gallons per minute): approximately four 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: none

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: in ground later well with electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: August 1, 1963

8. The depth of water table: 75 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: domestic well 75 feet

10. The estimated amount of groundwater withdrawn each year: approximately four gallons

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

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

Signature of Owner: Wallae Sexton

Date: 8/27/67

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 Appraiser.

4/14/67
Water Well Log #646
State of Montana
County of McCone

Office of Clerk and Recorder.

Filed this 26th day of April, A.D. 1967
at 11:45 A.M.

Claire L. Morin
Clerk and Recorder

By Alice L. Helms
Deputy

Fee: $2.00
**Declaration of Vested Groundwater Rights**

*Under Chapter 237, Montana Session Laws, 1961*

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

1. **Harvey L. Barnar**
   - (Name of Appropriator)
   - Address: **Wolf Point**
   - Town: **McCone**
   - County: **McCone**

   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>1</td>
<td>X</td>
</tr>
</tbody>
</table>

- **2.** The beneficial use on which the claim is based: **for household and livestock**
- **3.** Date or approximate date of earliest beneficial use; and how continuous the use has been: **October 1957.**
- **4.** The amount of groundwater claimed (in miner’s inches or gallons per minute): **10 gallons a 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: **Yes**

   - **Sweeping pump. Well on north side of house with plastic pipe to barnyard hydrant.**
- **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: **Started August 24, 1957.**
- **Completed September 11, 1957.**

- **8.** The depth of water table: **212 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: **267 feet deep, 6 inch casing.**

- **10.** The estimated amount of groundwater withdrawn each year: **35,000 gallons.**

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

   - **0 to 20 ft. - brown clay.**
   - **20" to 35" - sandy silt.**
   - **32" to 38" - sandy silt.**
   - **231" to 251" - gray shale.**
   - **231" to 253" - sandy gray shale.**
   - **253" to 273" - total depth of well.**

- **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: **John Doe** |
| Date: **March 14, 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.
DOC. NO. 123760
WATER WELL LOG FILE NO. 207

State of Montana
County of McCone
Office of Clerk and Recorder
Filed this 16th day of March A.D. 1962
at 8:10 o'clock A.M.

By

Fee $2.00
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater
Owner: Harvey F. Bennes
Address: Wolf Point, Montana
Contractor (if any)
Address of Contractor
Date Started: October 1, 1960
Date Completed: October 23, 1960

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dig out a natural spring, lined hole with treated lumber and run a pipe to a concrete trough. Bore to water about 2 feet.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dig out a natural spring, lined hole with treated lumber and run a pipe to a concrete trough. Bore to water about 2 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.

Flow of about 6 inches, watered about 35 head of cattle in 1961, runs year round.

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

Signature of Owner
Date: Nov. 14, 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 School of Mines and quadruplicate for the Appropriator.
DOC. NO. 123761
WATER WELL LOG FILE NO. 208

State of Montana
County of McCone

Office of Clerk and Recorder.

Filed this ________ day of
March, ________ A.D. 19___
at ________ o'clock ________ M.

__________________________
Clerk and Recorder

By________________________
Deputy

Fee $___.
Notice of Completion of Groundwater Appropriation by Measurement

Owner: John Sorley  Address: Wolf Point, Montana

Date of Notice of Appropriation of Groundwater: May 31, 1965

Date well started: May 22, 1965  Date completed: May 30, 1965

Type of well: Drilled  Equipment Used: Cable Tool

Water Use: Domestic  Municipal  Other  Irrigation

Driller: Boone Whitner & Sons  Address: Wolf Point, Montana

<table>
<thead>
<tr>
<th>Strata</th>
<th>Water Bearing Strata</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gray Rock</td>
<td></td>
</tr>
<tr>
<td>Yellow Sand</td>
<td></td>
</tr>
<tr>
<td>Drift Yellow</td>
<td></td>
</tr>
</tbody>
</table>

Top of Ground

<table>
<thead>
<tr>
<th>Elevation (ft)</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>0</td>
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<td>40</td>
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</tr>
<tr>
<td>53</td>
<td></td>
</tr>
<tr>
<td>64</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Strata</th>
<th>Water Sand Correct Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gray Rock</td>
<td></td>
</tr>
<tr>
<td>Yellow Sand</td>
<td></td>
</tr>
<tr>
<td>Drift Yellow</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Strata</th>
<th>Date of Notice of Appropriation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yellow Sand</td>
<td>May 31, 1965</td>
</tr>
</tbody>
</table>

Notice on the diagram the character and thickness of the different strata met with in drilling, such as sand, gravel, rock, or other similar pertinent information, including number of acres irrigated, if used for irrigation.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-inch</td>
<td>4-inch ID 9/16</td>
<td>0</td>
<td>205</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 192 feet.

Shut-in Pressure for Flowing Well: 192 psi.

Pumping Water Level: 192 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well: 2 hours.

How Tested: Driller

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.

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 #620
State of Montana
County of McCone
Office of Clerk and Recorder.
Filed this 9th day of June, A.D. 1965
at 9:30 o'clock A.M.

[Signature]
Clerk and Recorder
By: [Signature]
Deed
Fee: $5.00
Form No. 18
8-60

T. 26 R. 48
County McCone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Max Shields</th>
<th>Address</th>
<th>Wolf Gulch, Mont</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Ace Wright</td>
<td>Address</td>
<td>Wolf Gulch, Mont</td>
</tr>
<tr>
<td>Date Started</td>
<td>8-20-58</td>
<td>Date Completed</td>
<td>9-20-58</td>
</tr>
<tr>
<td>Location:</td>
<td>Sec. 21 T. 26 R. 48</td>
<td>1 sec. NE 4, NW 9</td>
<td></td>
</tr>
</tbody>
</table>

**Type of well** | Drilled | **Equipment used** | None, drill, rotary, etc |

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

**Casing:**
- Ft. to 309 ft. Type Steel Size six inch
- Ft. to Ft. Type Size
- Ft. to Ft. Type Size

**Perforated or Screened:** Ft. 280 to Ft. 300 Ft. to Ft.

**Static Water level, for non-flowing well:** 48 feet

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

**Pumping water level:** feet at gal. per min.

**How tested:**

**Length of test:**

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

(over)
<table>
<thead>
<tr>
<th>WATER WELL LOG # 85</th>
</tr>
</thead>
<tbody>
<tr>
<td>123253</td>
</tr>
<tr>
<td>C. &amp; S.</td>
</tr>
<tr>
<td>U.</td>
</tr>
<tr>
<td>M.</td>
</tr>
<tr>
<td>L.</td>
</tr>
<tr>
<td>T.</td>
</tr>
<tr>
<td>P.</td>
</tr>
<tr>
<td>C.</td>
</tr>
<tr>
<td>M.</td>
</tr>
<tr>
<td>D.</td>
</tr>
<tr>
<td>A.</td>
</tr>
<tr>
<td>14th December, 1961</td>
</tr>
<tr>
<td>12:10 P.M.</td>
</tr>
<tr>
<td>Checks and Services</td>
</tr>
<tr>
<td>Fee None</td>
</tr>
</tbody>
</table>

[Signature]
# WATER WELL LOG

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>[Name]</td>
</tr>
<tr>
<td>Address</td>
<td>[Address]</td>
</tr>
<tr>
<td>Driller</td>
<td>[Name]</td>
</tr>
<tr>
<td>Address</td>
<td>[Address]</td>
</tr>
<tr>
<td>Date Started</td>
<td>May 1941</td>
</tr>
<tr>
<td>Date Completed</td>
<td>May 1941</td>
</tr>
<tr>
<td>Location: Sec.</td>
<td>21</td>
</tr>
<tr>
<td>T.</td>
<td>36</td>
</tr>
<tr>
<td>R.</td>
<td>48</td>
</tr>
<tr>
<td>Type of well</td>
<td>Bored</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Horse drawn auger</td>
</tr>
<tr>
<td>Water use:</td>
<td>Domestic [✓]</td>
</tr>
<tr>
<td>Municipal [ ]</td>
<td>Stock [ ]</td>
</tr>
<tr>
<td>Irrigation [ ]</td>
<td>Industrial [ ]</td>
</tr>
<tr>
<td>Drainage [ ]</td>
<td>Other [ ]</td>
</tr>
<tr>
<td>Casing:</td>
<td>0 ft. to 31 ft.</td>
</tr>
<tr>
<td>Type</td>
<td>Wooden</td>
</tr>
<tr>
<td>Size</td>
<td>18&quot; diameter</td>
</tr>
<tr>
<td>Casing:</td>
<td>31 ft. to 63 ft.</td>
</tr>
<tr>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Size</td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td>63 ft. to 98 ft.</td>
</tr>
<tr>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Size</td>
<td></td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td>Ft. to Ft.</td>
<td></td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>14 feet</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in. on:</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>feet at gal. per min.</td>
</tr>
<tr>
<td>How tested:</td>
<td></td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
<tr>
<td>(over)</td>
<td></td>
</tr>
</tbody>
</table>
**WATER WELL LOG**

**Owner**: Driller: Marie Sheehan

**Address**: Wellpoint, Mont.

**Date Started**: Aug. 1935  
**Date Completed**: Aug. 1935

**Location**: Sec. 9 T. 26 R. 48  4 sec. NE^4 NW^4

**Type of well**: Aug  
**Equipment used**: Hand flood bucket

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

**Casing**: ft. to 16 ft.  Type Black  Size 2 1/2 x 2 1/2

**Casing**: ft. to ft.  Type  Size

**Casing**: ft. to ft.  Type  Size

**Perforated or Screened**: Ft. to ft.  Ft. to ft.

**Type of screen or perforations**:  

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

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

**Pumping water level**: feet at gal. per min.

**How tested**:  

**Length of test**:  

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

(over)
Water Well Log #83.

12329
State of Montana
County of McCloud
Office of Clerk and Recorder.
Filed this 1979
December 17, A.D. 1979.
at 11:50 a.m.
By...
Deputy

[Signature]

[Signature]
## WATER WELL LOG

### Owner
Mr. Orville Shaferline  
Address: Wolf Point, Montana

### Driller
A & B Drilling Company  
Address: Socoby, Montana

### Date Started
9/22/58  
Date Completed: 9/23/58

### Location
Sec. 21  
T. 26 R. 47  
M. 1958

### Type of well
Drilled

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

**Casing**

<table>
<thead>
<tr>
<th>Depth</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ft. to 300 ft.</td>
<td>Steel tar coated</td>
<td>6&quot;</td>
</tr>
</tbody>
</table>

### Perforated or Screened

<table>
<thead>
<tr>
<th>Depth</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 ft. to 300 ft.</td>
<td>Torch slot</td>
<td></td>
</tr>
</tbody>
</table>

### Static Water level, for non-flowing well:
253 1/2 feet

### Shut-in pressure, for flowing well:
5 lb./sq. in.

### Pumping water level:
5 feet at 5 gal. per min.

### How tested:
Dike

### Length of test:

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

---

(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>13</td>
<td>53</td>
</tr>
<tr>
<td></td>
<td>53</td>
<td>55</td>
</tr>
<tr>
<td></td>
<td>55</td>
<td>85</td>
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<tr>
<td></td>
<td>85</td>
<td>86</td>
</tr>
<tr>
<td></td>
<td>88</td>
<td>137</td>
</tr>
<tr>
<td></td>
<td>137</td>
<td>139</td>
</tr>
<tr>
<td></td>
<td>139</td>
<td>148</td>
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<td></td>
<td>148</td>
<td>152</td>
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<td>284</td>
<td>290</td>
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<tr>
<td></td>
<td>290</td>
<td>307</td>
</tr>
<tr>
<td></td>
<td>307</td>
<td></td>
</tr>
</tbody>
</table>

*Note: The last entry is dated #11/957.*

---

**County of McCurtis**  
Office of Clerk and Recorder  
Filed this 15 day of October, A.D. 1952.  
Compl. and Received
<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>3</td>
<td>Harris, Alma</td>
<td>EW2</td>
<td>180551</td>
<td></td>
</tr>
<tr>
<td>2H</td>
<td>St. Pauline, arv. J.</td>
<td>well dug</td>
<td>123251</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Alma Harris
Address: Wolf Point, Montana

Driller: John Johnson
Address: Wolf Point, Montana

Date of Notice of Appropriation of Groundwater

Date well started: May 15, 1963
Date completed: June 30, 1963

Type of well: Drilled
Equipment Used: Cable tool
(dug, driven, bored or churn, drill, rotary or other)

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

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

Size and Weight of Casing

<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>3/4-inch OD 9/16-in</td>
<td></td>
<td>0</td>
<td>155</td>
<td>MONO</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well 70 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level: 12 feet at 23 gal. per minute.

Discharge in gal, per min. of flowing well

How Tested:uliar Length of Test 3 months

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)

Indicate 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.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
Water Well Log #229.

State of Montana
County of McCone

Office of Clerk and Recorder.

Filed this 3rd day of September, A.D. 19..63.
at 9:56 o'clock A.M.

[Signature]
Clerk and Recorder

[Signature]
Deputy

[Stamp]
Form No. 18
8-60

T. 26 R. 49
County: McCones

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Butte Well Co.
Address: Butte, Montana

Driller: Harland
Address:

Date Started: June 1921
Date Completed: June 1921

Location: Sec. 24 T. 26 R. 49 1/4 sec. NW 1/4 SE 1/4

Type of well: Bored
Equipment used: Hand, rotary, etc.

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

Casing: ft. to 35 ft. Type [ ] Size [ ]

Casing: ft. to ft. Type [ ] Size [ ]

Casing: ft. to ft. Type [ ] Size [ ]

Perforated or Screened: Ft. to Ft. Ft. to Ft.

Type of screen or perforations:

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

Shut-in pressure, for flowing well: lb. sq. in. on:

Pumping water level feet at gal. per min.

How tested:

Length of test:

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

(over)
Water Well Log 12.94
12.351
Date of Completion: Dec 11, 1961
Location: [Redacted]

[Signature]
Date: [Redacted]
P. H. Van Leer

By: [Redacted]

Per: [Redacted]
<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>14</td>
<td>Pilgrim, Joe</td>
<td>GW</td>
<td>187481</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td></td>
<td></td>
<td>187484</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Strommer, Victor</td>
<td></td>
<td>127026</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Clingy-Smith, Eugene</td>
<td></td>
<td>127855</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Lamie, Lloyd</td>
<td></td>
<td>127923</td>
<td></td>
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<tr>
<td>27</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>30</td>
<td>Schink, Ervin</td>
<td></td>
<td>130887</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>Niederh, Jeannette S.</td>
<td></td>
<td>137720</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Lamie, Lloyd</td>
<td></td>
<td>137317</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Joe Pilgrim

1. Name of Appropriator

Poplar

2. Address

County of Montana

3. 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: Stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1913 to 1942

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 5. gal.

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 such 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: 1913

8. The depth of water table: 20 ft.

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

10. The estimated amount of groundwater withdrawn each year: 600, 200 gal.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: No record

Signature of Owner: Joe Pilgrim

Date: January 2, 1964

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
WATER WELL LOG FILE NO. 587

JOE PILGRIM

TO

THE PUBLIC

STATE OF MONTANA
COUNTY OFMcCONE

OFFICE OF COUNTY CLERK & RECORDER
Filed this 20th day of Jan. 1964, A.D.
at 4:30 O'clock, P. M.

COUNTY CLERK

FEE: $2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Joe Pilgrim
(Name of Appropriator) (Address)
County of McCone (Town)
State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1913

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: No irrigation except garden

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1913

8. The depth of water table: 22 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: Steel Iron casing 24 ft, last depth

10. The estimated amount of groundwater withdrawn each year: 91,000 gal

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: No record

Signature of Owner: Joe Pilgrim
Date: Jan. 20, 1964

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

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

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

23752