## WATER WELL LOG

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dug, driven, bored, or drilled</td>
<td>Spudder</td>
</tr>
</tbody>
</table>

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

### Casing
- From 0 ft. to 174 ft.
  - Type: Steel
  - Size: 6"

### Perforated or Screened
- From 150 ft. to 174 ft.
  - Type: 3/8" I.D.

### Static Water level
- For non-flowing well: 94 feet

### Shut-in pressure
- For flowing well: 150 lb./sq. in. on: [date]

### Pumping water level
- 150 feet at 4 gal. per min.

### How tested
- Drilled x Pump

### Length of test
- 1 week

### Remarks
- (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 17</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>17 - 171</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>131 - 136</td>
<td>Coal</td>
</tr>
<tr>
<td>136 - 145</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>145 - 174</td>
<td>Blue Sandy Clay</td>
</tr>
</tbody>
</table>

Log of Well
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

   (Name of Appropriator)
   Address

   County of Richland, 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 well.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1950. This well has been in continuous use since it was drilled.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): This well will water approximately 50 head of cattle.

   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.

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1950.

   8. The depth of water table: Fifty 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: dug well, galvanized curbing, 1-1/4" pipe, 3rd cylinder.

   10. The estimated amount of groundwater withdrawn each year: 125,000 gallons. Estimate.

   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: [Signature]
   Date: Dec 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Calvin Steppler
Address: Brookton, Mont

Driller: Simpson Drill Co.
Address: Malta, Mont

Date of Notice of appropriation of ground water: 9 Oct 1963
Date Completed: 10 Oct 1963

Type of well: Drilled (dug, driven, bored, etc., or drilled)
Equipment used: Churn drill, rotary drill

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>4&quot; 11#</td>
<td>0</td>
<td>191</td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per minute of flowing well

How Tested

Length of Test

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

open hole 198 200

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 Appropitator.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Calvin Stegler
Address: Butte, Mont.

Driller: David Sullivan
Address: Butte, Mont.

Date Started: Oct. 28, 1960
Date Completed: Nov. 24, 1960

Location: Sec. 26, T. 26, R. 54, NW 1/4

Type of well: Drilled
Equipment used: Spudler

Water use: Domestic X  Municipal  Stock  Irrigation

Industrial  Drainage  Other:

Casing: 0 ft. to 90 ft. Type Steel  Size 6

Casing: 90 ft. to 103 ft. Type 4" Size

Casing: to 103 ft. Type 4" Size

Perforated or Screened: 95 ft. to 103 ft. Type 1/2 3 holes

Type of screen or perforations: 3 holes

Static Water level, for non-flowing well: 7 feet

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

Pumping water level: 115 feet at 15 gal./min.

How tested: Balance pump

Length of test: 3 weeks

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

Ground water level

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>15</td>
<td>Yellow clay</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>18</td>
<td>Coal</td>
</tr>
<tr>
<td></td>
<td>18</td>
<td>47</td>
<td>Blue clay</td>
</tr>
<tr>
<td></td>
<td>47</td>
<td>57</td>
<td>Blue sandy clay</td>
</tr>
<tr>
<td></td>
<td>57</td>
<td>61</td>
<td>Blue clay</td>
</tr>
<tr>
<td></td>
<td>61</td>
<td>65</td>
<td>Coal</td>
</tr>
<tr>
<td></td>
<td>65</td>
<td>97</td>
<td>Blue clay</td>
</tr>
<tr>
<td></td>
<td>97</td>
<td>115</td>
<td>Hard clay</td>
</tr>
<tr>
<td></td>
<td>115</td>
<td>193</td>
<td>Blue sandy clay</td>
</tr>
</tbody>
</table>

**Leg of Well**

Date of Report: 2/4/95

[Signature]
STATE OF MONTANA
ADMINISTRATIVE OFFICE OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 297, Montana Session Laws, 1961)

1. Clifford J. Martin
   (Name of Appropriator)

   of 622 4th St. S., Sidney, Montana
   (Address)

   County of Richland
   State of Montana

   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1982, as follows:

   The beneficial use on which the claim is based. This well is used just for family use in the house.

   Date or approximate date of earliest beneficial use; and how continuous the use has been. 1945. This well has been used continuously since it was dug.

   The amount of groundwater claimed (in miner’s inches or gallons per minute) and how much is approximately 10,000 gallon a month.

   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.

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


   The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1945.

   The depth of water table. Fifty-five feet.

   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. Dug well. Wood-surfing. Deep well jet pump.

   The estimated amount of groundwater withdrawn each year. 120,000 gallons - estimate.

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

   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: Clifford J. Martin

   Date: Jan 30 1983.

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

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

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

<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>Spurgeon Jim</td>
<td>57.2</td>
<td>378834</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Spurgeon Jim</td>
<td>57.2</td>
<td>378303</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Miller Ray Jr.</td>
<td>57.2</td>
<td>257214</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>SpurgeonRay Jr.</td>
<td>57.2</td>
<td>360420</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Smith</td>
<td>57.4</td>
<td>366900</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Peterson</td>
<td>57.4</td>
<td>366744</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Peterson</td>
<td>57.2</td>
<td>325108</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Spurgeon Jim</td>
<td>57.2</td>
<td>360447</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Spurgeon Jim</td>
<td>57.2</td>
<td>360446</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Spurgeon</td>
<td>57.2</td>
<td>320540</td>
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<tr>
<td>11</td>
<td>Spurgeon</td>
<td>57.2</td>
<td>278511</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Spurgeon</td>
<td>57.2</td>
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<td></td>
</tr>
<tr>
<td>13</td>
<td>Spurgeon</td>
<td>57.4</td>
<td>278570</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Spurgeon</td>
<td>57.4</td>
<td>278574</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Spurgeon</td>
<td>57.4</td>
<td>328509</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

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

Driller: Richard Smith
Address: 456 Oak Rd, Butte, MT

Date of Notice of Appropriation of Groundwater: 7-1-68

Date well started: 7-1-68
Date Completed: 7-5-68

Type of well: Drilled
Equipment Used: Rotary
(Cut, driven, bored or drilled)

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

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

<table>
<thead>
<tr>
<th>Depth of Strata Met</th>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cutting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clay</td>
<td>3 1/8&quot;</td>
<td>2 1/8 D</td>
<td>0</td>
<td>126</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 5 feet.

Shut-in Pressure for flowing Well: 20 psi.

Pumping Water Level: 10 feet at 20 gal. per minute.

Discharge in gal. per minute of flowing well: 1 gallon per minute.

How Tested: Pump test
Length of Test: 1 hour

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

Driller's License Number: 0123456
Driller's Signature: [Signature]

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 Appropriator.
STATE OF MONTANA,
County of Richland,

Filed this ______ day of
A. D. 19_____
at ________ o'clock ______

_____________________
John Locke
County Recorder

_____________________
Deputy

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

Owner: [Name]
Address: [Address]
Driller: [Name]
Address: [Address]

Date of Notice of Appropriation of Groundwater: 8-15-62
Date well started: 8-29-62
Date Completed: 8-31-62

Type of well: [Churn, drill, rotary or other]
Equipment Used: [drilled]

Water Use: [Domestic □ Municipal □ Other □ Irrigation □]

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

```
<table>
<thead>
<tr>
<th>Kind</th>
<th>Size of</th>
<th>Weight of</th>
<th>Depth of</th>
<th>Type of</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Drilled</td>
<td>Hole</td>
<td>Drill</td>
<td>from</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>to</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
```

Static Water Level for non-flowing Well: 44.0 feet
Shut-in Pressure for Flowing Well
Pumping Water Level: 65 feet at 6 gal. per minute.
Discharge in gal. per min. of flowing well
How Tested: [Pump]
Length of Test: 5 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]

Driller's License Number:
Driller's Signature:

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

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

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

I this 2 day of A.D. 1962,

\[\text{Signature}\]

E. H. Knudsen
County Recorder

\[\text{Date: 2-10-62}\]
**Notice of Completion of Groundwater Appropriation by Means of a Well**

(Under Chapter 287, Montana Session Laws, 1961)

**Top of Ground**

- Elev. 2,700 ft.
- To 4 ft. - topsoil
- To 6 ft. - gravel
- To 15 ft. - light sand
- To 50 ft. - fine and gray clay
- To 62 ft. - gravel
- To 65 ft. - Wooley and some water
- To 70 ft. - sand and clay
- To 80 ft. - unit layer of more water
- To 86 ft. - clay

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

**Static Water Level for non-flowing Well:** 20 feet

**Shut-in Pressure for Flowing Well:** not the case

**Pumping Water Level:** 72 feet

**Discharge in gal. per minute:** not the case

**How Tested:** Drill bailer

**Length of Test:** 35 hours

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

**Driller's License Number:** Raymond J. Petersen

**Driller's Signature:**

---

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

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

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

Filed this Day of January, A.D. 19__.

At __ o'clock, A.M.

[Signature]

County Recorder

[Signature]
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: HERBERT S. SURGEON Address: ANDYS
Driller: ANDY MASON Address: SIDNEY
Date Started: APR 13 Date Completed: 15-58
Location: Sec 9 T. 36 R. 56 H. 4 sec.

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

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

Casing: 10 8 ft. to ft. Type: C-D Size: 6 INCH

Casing: ft. to ft. Type: Size: 

Casing: ft. to ft. Type: Size: 

Perforated or Screened: Ft. 10 to ft. Ft. to ft.
Type of screen or perforations: Cut with cutting torch

Static Water level, for non-flowing well: feet.
Shut-in pressure, for flowing well: lb./sq. in. on: (date)
Pumping water level: 6 feet at gal. per min. 60

How tested: DRAINING
Length of test: ONE AND HALF HOURS

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>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>10</td>
<td></td>
<td>Sand</td>
</tr>
<tr>
<td>10</td>
<td>70</td>
<td></td>
<td>Blue clay</td>
</tr>
<tr>
<td>70</td>
<td>103</td>
<td></td>
<td>Sand and very strong vein of water</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)

1. William Ochs
   (Name of Appropriator)
   of Richland
   (Address)
   (Town)
   County of Richland
   State of Montana

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

2. The beneficial use on which the claim is based. [Signature]

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. [Expiration Date]
   Since 1957

4. The amount of groundwater claimed (in miner's inches or gallons per minute). [Claimed Amount]
   [Unsure]

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 and Description]

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. [Means of Withdrawal]
   [Pump and Meter]

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. [Construction Dates]
   [Sept 6, 1934]

8. The depth of water table. [Depth]
   [18 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.
   [Specification]

10. The estimated amount of groundwater withdrawn each year. [Estimated Amount]
    [Unsure]

11. The log of formations encountered in the drilling of each well if available.
    [Log of Formations]

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.
    [Additional Information]

Signature of Owner: William Ochs
Date: Jan 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.
STATE OF MONTANA,
County of Richland.

Filed this 3rd day of January, A.D. 1966,

at 3:30 o'clock, P.M.

Frank Kowalczyk
County Recorder

fee $2.00
filed
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Name of Approprietor**: Henry O. Peterson  
   **Address**:  
   **Town**: Colburn  
   **County**: Richland  
   **State**: Montana  
   They have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

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

(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:  
   **Stock**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:  
   **June 1946**

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

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:  
   **1946**

8. The depth of water table:  
   **117 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:  
   **Wood casing**

10. The estimated amount of groundwater withdrawn each year:  
    **Daily use**

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

**Signature of Owner**: Henry O. Peterson  
**Date**: Jan 6, 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 Approprietor.
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: Henry O. Peterson
Address: Gallatin County, Montana

Date well started: Dec. 19, 1972
Completed: Jan. 5, 1973

Type of well: Drilled
Equipment used: 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: 1,440,000 gallons

<table>
<thead>
<tr>
<th>Well Diameter</th>
<th>Size of Gravel</th>
<th>Depth of</th>
<th>Flow (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9&quot;</td>
<td>5/8&quot;</td>
<td>0</td>
<td>230</td>
</tr>
</tbody>
</table>

Top of Ground

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Gravel</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 21</td>
<td>yellow clay</td>
<td></td>
</tr>
<tr>
<td>21 - 27</td>
<td>rock</td>
<td></td>
</tr>
<tr>
<td>27 - 48</td>
<td>yellow clay</td>
<td></td>
</tr>
<tr>
<td>48 - 132</td>
<td>blue clay</td>
<td></td>
</tr>
<tr>
<td>132 - 142</td>
<td>rock</td>
<td></td>
</tr>
<tr>
<td>142 - 156</td>
<td>blue sandy clay</td>
<td></td>
</tr>
<tr>
<td>156 - 160</td>
<td>blue clay</td>
<td></td>
</tr>
<tr>
<td>160 - 166</td>
<td>blue sandy clay</td>
<td></td>
</tr>
<tr>
<td>166 - 221</td>
<td>sandstone (water)</td>
<td></td>
</tr>
<tr>
<td>221 - 300</td>
<td>blue clay</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 144 ft.
Pumping water level: 180 ft.
Flow: 60 gallons per minute, measured 10 minutes after pumping began.

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: David J. White
Driller's Address: Box 303-B

Show exact depth of bottom: 230 ft.
STATE OF MONTANA,
County of Richland, ss.

Filed this 12th day of December, 1972,
at 11:30 a.m. clock P.M.

Helga Drake
County Recorder

Filed
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner: Jim Spurrier</th>
<th>Address: Andrews, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller: Andy Mode</td>
<td>Address: Sidney</td>
</tr>
<tr>
<td>Date Started: June 15</td>
<td>Date Completed: 10/50</td>
</tr>
<tr>
<td>Location: Sec. 20 T. 26 R. 5S. 4 sec.</td>
<td></td>
</tr>
</tbody>
</table>

**Type of well:**
- (Drill, driven, bored, or drilled)
- (Churn drill, rotary, other)

**Equipment used:**
- (Churn drill, rotary, other)

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

**Casing:**
- 125 ft. to __ ft. Type: OD
- Size: __ inch

**Perforated or Screened:**
- 22 ft. to __ ft.
- Type of screen or perforations: Cutting Torch

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

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

**Pumping water level:** 20 feet at __ gal. per min. __

**How tested:** Bullied

**Length of test:** Three Hours

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-20</td>
<td>yellow clay</td>
</tr>
<tr>
<td>20-115</td>
<td>blue clay</td>
</tr>
<tr>
<td>115-125</td>
<td>coal and water</td>
</tr>
</tbody>
</table>
WATER WELL LOG

Owner: Fred Thompson          Address: Andes, Mont.
Driller: Ron Sluitner         Address: Savage, Montana
Location: Sec. 26 T. 26 R. 1/4 sec. Range 55

Type of well: drilled          Equipment used: rotary (twin drill, rotary, other)

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

Casing: steel ft. to 100 ft. Type: steel Size: six inch
Casing: ft. to ft. Type: Size:
Casing: ft. to ft. Type: Size:

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

Type of screen or perforations: perforations

Static Water level, for non-flowing well: APPROX 96 feet
Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: 9 ft. at 5 gallons gal. per min.
How tested: Pump attached

Length of test: four days

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 20</td>
<td>Top soil</td>
</tr>
<tr>
<td>20 - 30</td>
<td>Sand &amp; gravel</td>
</tr>
<tr>
<td>30 - 50</td>
<td>Blue clay</td>
</tr>
<tr>
<td>50 - 70</td>
<td>Water vein coal</td>
</tr>
<tr>
<td>70 - 100</td>
<td>Blue shale</td>
</tr>
</tbody>
</table>
ADDRESSOR 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.

<table>
<thead>
<tr>
<th>Owner: Baker Plutonium</th>
<th>Address: Roberts, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date well started: 12 Oct 1971</td>
<td>Date well completed: 14 Oct 1971</td>
</tr>
<tr>
<td>Type of well: drill</td>
<td>Equipment used: churn</td>
</tr>
<tr>
<td>Water Use: Domestic</td>
<td>Water Use: Other</td>
</tr>
</tbody>
</table>

*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: 275,000

### Driller's Log

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>(Excl. above see level)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 62 ft
Pumping water level: 25 ft
at 26 gallons per minute, measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by... hours before power.
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Pipe: 5" perforated 75-96 ft.
Crane-banked 55-12 ft.

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

Driller's Signature: ____________________________
Driller's Address: Box 1102, Sidney, Montana
LICENSE NO.: 77

SHOW EXACT DEPTH OF BOTTOM.
STATE OF MONTANA
County of Richland,

Filed this 14th day of
Oct. A.D. 19
at 4:15 clock, P.M.

County Recorder

Filed

$5.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Frances Jorgensen (formerly Frances of Finnicum) P. O. Andes
(Name of Appropriator) (Address) (Town)

County of Richland 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 well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1958 with continuous use since that date

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 6 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: None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pump and pump jack - NW 1/4 Sec. 29, Twp. 26 N., Rgs. 55 E., M.P.M.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1958

8. The depth of water table: 54'

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: 2' casing = 76 to 100'

10. The estimated amount of groundwater withdrawn each year: 468,720 gallons

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: Frances Jorgensen
Date: June 13, 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
County of Richland,

Filed this ______ day of __________, A. D. 19______.

At ______ o'clock, ______ M.

[Signature]
County Recorder

[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)

Frances Jorgensen (formerly Frances, of Finnicum)
P. O. Andes

(Name of Appropnator) (Address) (Town)

County of Richland State of Montana

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

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

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1949 with continuous use since that date

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 6 gallons per minute daily use for drinking, washing, etc.

4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: None

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pressure pump on Lot 4, Sec. 30, Twp. 26 N., Range 55 E., Richland

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

7. The depth of water table: 14'

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: 22' deep - hand dug - 24'' casing

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

10. The estimated amount of groundwater withdrawn each year: 73,000 gallons (estimated)

11. 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: Frances Jorgensen

Date: June 13, 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 Appropnator.
STATE OF MONTANA,

County of Richland,

on the 27th day of 1942,

Filed this the 27th day of January, A.D. 1942, at 10 o'clock, A.M.

L.S. Henderson

County Recorder

L. S. Henderson

Deputy

For $2.00

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

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

<table>
<thead>
<tr>
<th>Frances Jorgensen (formerly Frances Finnicum)</th>
<th>F. O. Anes</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name of Appropriator)</td>
<td>(Town)</td>
</tr>
<tr>
<td>County of Richland</td>
<td>State of Montana</td>
</tr>
</tbody>
</table>

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **1947 with continuous use from that date**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **Hand pump, domestic use - 6 gallons per minute as required daily**

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: **Hand pump on Lot 4, Sec. 30, Twp. 26 N., Rge. 55 E., M.P.M.**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **1947**

8. The depth of water table: **14 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: **27 ft.**

10. The estimated amount of groundwater withdrawn each year: **18,250 gallons (estimated) yearly**

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: **Frances Jorgensen**

Date: **June 13, 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,
County of Richland,

Filed this ______ day of September, A.D. 19___ at ______ o'clock ______ M.

__________________________
County Recorder

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

Frances Jergensen (formerly Frances),
County of Richland, State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. The beneficial use on which the claim is based is Stock water well.

2. The date or approximate date of earliest beneficial use; and how continuous the use has been since that date.

3. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gallons per minute, 5 hours per day, 12 months per year.

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. None other than for garden plot.

5. The date of commencement and completion of the construction of the well, 1957.

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. The type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.

9. So far as it may be available, the log of formations encountered in the drilling of each well if available.

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: Frances Jergensen
Date: June 13, 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

County of Richland,

Filed this ______ day of

September, 19__ A.D., 19__

at ______ o'clock ______ M.

County Recorder

[Signature]

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

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

1. Frances Jorgensen (formerly Frances Fjarnicum) P. O. Andes
   (Name of Appropriator) (Address) (Town)
   County of Richland 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 well

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      1957 with continuous use since that date.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      6 gallons per minute, 5 hours per day, 4 months per year

   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
      Pump and pump jack on 30' drilled well 6" casing

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      1957

   8. The depth of water table
      20'

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
      Drilled well, 36' Deep - 6" casing

   10. The estimated amount of groundwater withdrawn each year
      223,200 gallons based on 6 gal.
      per minute, 5 hours per day, 4 months per year

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

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

   Signature of Owner Frances Jorgensen
   Date June 13, 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,
County of Richland,

Filed this 6th day of June, A.D. 1909, at 9 o'clock A.M.

[Signature]
County Recorder
[Signature]
Deputy

For $2.00
[Signature]
<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>Custer, Clark</td>
<td>IW-4</td>
<td>286208</td>
<td>Domestic Stock</td>
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<tr>
<td>5</td>
<td>Custer, Clark</td>
<td>IW-4</td>
<td>286207</td>
<td>Safe-water</td>
</tr>
<tr>
<td>6</td>
<td>J. B. Siver</td>
<td>IW-4</td>
<td>286161</td>
<td>Safe-water</td>
</tr>
<tr>
<td>7</td>
<td>Custer, Clark</td>
<td>IW-4</td>
<td>286162</td>
<td>Safe-water</td>
</tr>
<tr>
<td>11</td>
<td>Custer, Clark</td>
<td>IW-4</td>
<td>286209</td>
<td>Safe-water</td>
</tr>
<tr>
<td>12</td>
<td>Myron, Bess</td>
<td>SW-2</td>
<td>319054</td>
<td>Yard-yard</td>
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<td>16</td>
<td>Custer, Ernest</td>
<td>SW-2</td>
<td>58917</td>
<td>Stock</td>
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<td>16</td>
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<td>17</td>
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<td>SW-2</td>
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<td>20</td>
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<td>327846</td>
<td>Stock</td>
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<td>23</td>
<td>Buckley, Thomas</td>
<td>IW-2</td>
<td>321079</td>
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<td>Buckley, Johnnie T</td>
<td>IW-2</td>
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<td>Buckley, Henry T</td>
<td>IW-2</td>
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<td>IW-2</td>
<td>285797</td>
<td>Stock</td>
</tr>
<tr>
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<td>Buckley, Thomas</td>
<td>IW-2</td>
<td>317345</td>
<td>Stock</td>
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<tr>
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<td>Buckley, Sandra Lee</td>
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<td>25</td>
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<td>57H61</td>
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<tr>
<td>25</td>
<td>Buckley, Ernie</td>
<td>57H61</td>
<td></td>
<td>Stock</td>
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<tr>
<td>27</td>
<td>Busch, Virgil M</td>
<td>SW-4</td>
<td>284685</td>
<td>Drilling</td>
</tr>
<tr>
<td>29</td>
<td>Gassner, Frankie</td>
<td>SW-4</td>
<td>378270</td>
<td>Safe-water</td>
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<td>30</td>
<td>Weidler, Carl</td>
<td>57W5</td>
<td>257583</td>
<td>Stock</td>
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<tr>
<td>31</td>
<td>United States, Banks</td>
<td>IW-2</td>
<td>286165</td>
<td>Stock</td>
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<tr>
<td>34</td>
<td>Custer, Ernest</td>
<td>SW-2</td>
<td>301889</td>
<td>Stock</td>
</tr>
<tr>
<td>35</td>
<td>Buckley, Lee</td>
<td>IW-4</td>
<td>286504</td>
<td>Steelwell</td>
</tr>
<tr>
<td>36</td>
<td>Travis, Donald</td>
<td>IW-4</td>
<td>286196</td>
<td>Steelwell</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights

(State of Montana, Office of State Engineer)

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

Conrad W. Gustafson, Columbia
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana

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

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

2. Date or approximate date of earliest beneficial use; and how continuous 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 lands to which water has been applied and name of the owner thereof.

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

6. The depth of water table.

7. 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.

8. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner

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

County of Residence:

Filed this 30 December 1963 at 1:30 P.M.

G. L. Keeler

County Clerk

fee $2.00

T. J. [illegible]
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: 
Address: 
(Town)

County of: Richland
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 Appropriator.
STATE OF MONTANA
County of Richland

Filed this 30th day of December, A.D. 1963,
at 1:28 o'clock, P.M.

E. D. Koehl
County Recorder

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

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

1. Helen E. Flesher, of Helena, Mont.
   (Name of Appropriate)
   (Address)
   (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 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 QuadriPLICATE 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)

Name of Appropiiitoy (Address) (Town)
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

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, walls, or other means of withdrawal of groundwater

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

Date

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

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

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

COUNTY OF BABN,  

CASE NO. 22662

Plaintiff

Defendant

Day of

December A.D. 19-

Hour 11:58 A.M.

E. E. Thompson

County Register

E. Cook

Defendant
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 Appraiser (Address) (Town)
   County of State have appropriated groundwater according to the Montana laws in effect prior to January 1, 1902, 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 Appraiser.
STATE OF MONTANA, 1 pc.
County of Richland.  
Filed this ________ 30.
December 6, 1863.
           Ex't done.
E. L. Kerkes
County Clerk.

ge "20".
Julie
STATE OF MONTANA

LOG MAY 24 1971

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
developed after January 1, 1962
(under chapter 237, Montana Session Laws, 1961)

Owner: Earnest Bros. Address: Colburn, Montana
Driller: J. Peterson Address: Sidney, Montana

Date of Notice of appropriation of groundwater: 9-19-71
Date well started: 4-9-71 Date completed: 4-14-71

Type of well: Drilled Equipment used: Tool
(Dug, driven, bored or drilled)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

Indicate on the diagram the character and thickness of the different strata
met with in drilling, such as soil, clay, gravel, rock 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
76 feet.

Shut-in Pressure for Flowing Well
60 feet.
Pumping Water Level
67 gal. per minute.
Discharge in gal. per min. of flowing well

How Tested
Bore test pump
Length of Test
20 hours.
Remarks: (Gravel packing, cementing, pack-
ers, type of shutoff)
8 ft. of sand filter, 1 ft. of gravel filter and 6 ft.
in casing.

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).

100\% foot.

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.
These copies to be retained by driller.

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

Driller's License Number
Ray J. Peterson
Driller's Signature
45002
STATE OF MONTANA, \y
County of Richland, \y

Filed this \text{21.} \text{ day of May, 1971.} \y
\text{At 11:26} \text{ A.M.} \y

Helen \text{Lindsko} \y
County Recorder \y

\text{James Black} \y
Deputy

Fee $2.00 \y
Filed
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Lawrence Baker
Address: Deer Park, Montana

Date of Notice of Appropriation of Groundwater: May 5, 1964
Date well started: 4-28-64
Date completed: 4-29-64

Type of well: Drilled
Equipment Used: Charm drill

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

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

Static Water Level for non-flowing Well: 11 feet.
Shut-In Pressure for Flowing Well: 50 feet.
Pumping Water Level: 9 gal. per minute.
Discharge in gal. per min. of flowing well: 2 gal. per min.

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

Driller's License Number
Raymond L. Peterson
Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA,
County of Richland,
Filed this 8 day of June, A.D. 19__
1:15 o'clock, P.M.

[Signature]
County Recorder

[Signature]
Deputy

Filed 2-20-__
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

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

Owner

Address

Date well started: May 3-70

completed: May 3-70

Type of well: Drilled

Equipment used: 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

<table>
<thead>
<tr>
<th>Size of Drilling Hole</th>
<th>Size and Weight of Cutting</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 1/2 ft</td>
<td>4 inch</td>
<td>0</td>
<td>179</td>
<td>1/2 inch</td>
</tr>
</tbody>
</table>

Static water level: 30 ft
Pumping water level: 179 ft

Power: Pump

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

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

Each small square represents 40 acres.

Driller's Signature

Driller's Address

LICENSE NO. -

COUNTY

1/6/69

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

I. Everett A. Baxter, of Culbertson
   (Name of Appropriator) (Address) (Town)
   County of Richland 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 Appropriator.
STATE OF MONTANA
County of Richland,

Filed this __ day of January, 1964, at ___ o'clock, P.M., in the circuit court of the State of Montana in and for the county of Richland, Montana.

L. L. Rosden
County Recorder

Deputy

Filed