STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

I. J. George Pitch / Alex Pitch
(address)

County of Elina / State of Montana

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

1. Name of Appropriator
2. The beneficial use on which the claim is based
   - Livestock
   - Water & Domestic Use

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   - 20 gals Per Min. Each well

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
   - Windmill
   - Sept. 2/23, 1954 - 5/31/55

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   - 1943-1943-1943-1943

8. The depth of water table
   - 15 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
   - Elect. Pump, 7 1/2" x 10 ft, 4 1/2 Dia.
   - Windmill

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 The estimated amount of groundwater withdrawn each year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

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

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: Dec. 16-63

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.
**WATER WELL LOG**

<table>
<thead>
<tr>
<th><strong>Owner</strong></th>
<th>Address: Hedge Craig, Box 182, Butte, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Driller</strong></td>
<td>Address: Hedge Craig</td>
</tr>
<tr>
<td><strong>Date Started</strong></td>
<td>June 5, 1959</td>
</tr>
<tr>
<td><strong>Date Completed</strong></td>
<td>June 3, 1959</td>
</tr>
<tr>
<td><strong>Location:</strong> Sec. 3 T. 34 R. 24 1/4 sec. Wd. 33 M. W.</td>
<td></td>
</tr>
</tbody>
</table>

**Type of well:** Drilled

**Equipment used:** Chili drill

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

**Casing:**
- Top: ft. to ft. 21
- Type: 1" iron well
- Size: 2" x 6" well

**Perforated or Screened:**
- From ft. 21 to ft. 65

**Type of screen or perforations:** Cutting tool

**Static Water level:**
- For non-flowing well: __________ feet

**Shut-in pressure:**
- For flowing well: lb./sq. in. on: [ ]

**Pumping water level:**
- 65 feet at 5 gal. per min.

**How tested:** [ ]

**Length of test:** [ ]

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

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

(over)
## Groundwater Index

**County**: Baine  
**Twp.**: 24 NORTH  
**Rge.**: 24 EAST

<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>BILLMAIER, JAMES</td>
<td>WELL LOG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>OHARKIST, CHESTER</td>
<td>GW-2</td>
<td>255262</td>
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<td>TURNER COLONY (JOHN H.</td>
<td>GW-2</td>
<td>247037</td>
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<tr>
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<td>BILLMAIER, JAMES</td>
<td>WELL LOG</td>
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<td>11</td>
<td>MOHR, FRANK</td>
<td>GW-2</td>
<td>257286</td>
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<td>13</td>
<td>MOORE, LOUIS, JR.</td>
<td>WELL LOG</td>
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<tr>
<td>17</td>
<td>JOHNSON, AGNES V.</td>
<td></td>
<td>0570880</td>
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</tr>
<tr>
<td>Depth, feet</td>
<td>Description of Material Drilled</td>
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<td></td>
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<tr>
<td>------------</td>
<td>---------------------------------</td>
<td></td>
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</tr>
<tr>
<td>Top - 30</td>
<td>gravel and clay</td>
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<td>30 - 60</td>
<td>gravel</td>
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</tr>
<tr>
<td>60 - 70</td>
<td>sand and gravel</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 10, 1964**

(Under Chapter 237, Montana Session Laws, 1961)

Owner: [Name]
Address: [Address]

Driller: [Name]
Address: [Address]

Date of Notice of Appropriation of Groundwater: [Date]

Date Well Started: [Date]

Date Completed: [Date]

Type of Well: [Type]

Equipment Used: [Type]

(Dug, Driven, Bored or Drilled)
(Chimney drill, rotary or other)

Water Use: [Type]

Domestic □ Municipal □ Stock □ Irrigation □

Industrial □ Drainage □ Other □

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Bit</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td></td>
<td>0</td>
<td>71</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
<td>1</td>
<td>300</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-In Pressure for Flowing Well

Pumping Water Level at [feet] gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: [Type]

Length of Test: [Length]

Remarks: (Gravel packing, cementing, packers, type of stuff).

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

(Continue on reverse side)

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

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, the same 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: [Number]
Driller's Signature: [Signature]

County Clerk and Recorder: [Name]
**Notice of Completion of Groundwater Appropriation by Means of Well**

 developed after January

(Under Chapter 237, Montana Session Laws, 1961)

**Owner**

**Owner**

**Driller**

**Driller**

**Date of Notice of Appropriation of Groundwater**

**Date of Notice of Appropriation of Groundwater**

**Date Well Started**

**Date Well Started**

**Date Completed**

**Date Completed**

**Type of Well**

**Type of Well**

**Equipment Used**

**Equipment Used**

**Water Use**

**Water Use**


<table>
<thead>
<tr>
<th>Strata</th>
<th>Initial Depth (Feet)</th>
<th>Depth from Top of Ground (Feet)</th>
<th>To Grade (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>85</td>
<td>11</td>
<td>180</td>
</tr>
</tbody>
</table>

**Static Water Level for Non-Flowing Well**

**Static Water Level for Non-Flowing Well**

**Shut-In Pressure for Flowing Well**

**Shut-In Pressure for Flowing Well**

**Pumping Water Level**

**Pumping Water Level**

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

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

**How Tested**

**How Tested**

**Length of Test**

**Length of Test**

**Remarks**

**Remarks**

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

Show exact depth of bottom.

**3.00 ft**

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, time 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 License Number**

**Driller's Signature**

**38768**
STATE OF MONTANA
County of Blaine

Filed for record this ___ day
of __________, A.D. 19__

At __:__ o'clock __. M.

                            ___.__.____
COUNTY CLERK

DEPUTY
Notice of Completion of Groundwater Appropriation by Means of Well

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 977, Montanan Session Laws, 1961)

Owner: John Miller
Address: Turner

Driller: Bill Mayer
Address: Helena

Date of Notice of Appropriation of Groundwater: 03/01/62

Date well started: 03/01/62
Date Completed: 03/01/62

Type of well drilled: Equipment Used: Churn
(Dug, driven, bored or drilled)

Water Use: Domestic Stock 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 the water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Length of Casings</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Casings</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot;</td>
<td>51</td>
<td>Torch</td>
<td>45</td>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 91 feet.

Shut-in Pressure for Flowing Well:...

Pumping Water Level: 45 feet at 5 gal. per minute.

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

How Tested: Boiler
Length of Test: 240 minutes.

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: 12345
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.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Address</td>
</tr>
</tbody>
</table>

Date Started | Date Completed

Location: Sec. | T. | R. |
| 10 | 34 | 24 |

Type of well / Equipment used

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

Casing: _ ft. to _ 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: _ feet.

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

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)
Form No. 18
8-60

<table>
<thead>
<tr>
<th>T.</th>
<th>R.</th>
<th>Sec.</th>
</tr>
</thead>
<tbody>
<tr>
<td>34</td>
<td>24</td>
<td>10</td>
</tr>
</tbody>
</table>

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG
STATE ENGINEER

Owner: [Name]
Address: [Address]
Driller: [Name]
Address: [Address]
Date Started: [Date]
Date Completed: [Date]
Location: Sec. 10 T. 34 R. 24

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Type of well: [Type]
Equipment used: [Type]

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

Industrial [ ]
Drainage [ ]
Other [ ]

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

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

Perforated or Screened: [Type] to [Type] ft. Type [Type] Size [Size]

Type of screen or perforations: [Type]

Static Water level, for non-flowing well: [Level] feet.

Shut-in pressure, for flowing well: [Level] lb. per sq. in. on: [Date]

Pumping water level [Level] feet at [Rate] gal. per min.

How tested: [Test]

Length of test: [Test]

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

<table>
<thead>
<tr>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>Depth, feet</td>
</tr>
<tr>
<td>------------</td>
</tr>
<tr>
<td>10 to 20</td>
</tr>
<tr>
<td>25 to 50</td>
</tr>
<tr>
<td>50 to 70</td>
</tr>
</tbody>
</table>
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 - 25</td>
<td></td>
</tr>
<tr>
<td>25 - 30</td>
<td></td>
</tr>
<tr>
<td>30 - 35</td>
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<td>35 - 40</td>
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<td>40 - 45</td>
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<td>45 - 50</td>
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<td>50 - 55</td>
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<td>55 - 60</td>
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<td>75 - 80</td>
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<td>80 - 85</td>
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<td>85 - 90</td>
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<tr>
<td>90 - 95</td>
<td></td>
</tr>
<tr>
<td>95 - 100</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 227, Montana Session Laws, 1961)

Owner:

Driller:

Date of Notice of Appropriation of Groundwater: Nov 17, 1965

Date Well Started: Nov 17, 1965

Date Completed: Nov 18, 1965

Type of Well: Drilled

Equipment Used: Churn, drill, rotary or drilled

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

Strata Met with in Drilling:

1. 40. Combo Shale
2. 50. Grey Shale
3. 60. Sand Rock (Grey)
4. 65. Grey Shale

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.

Perforations:

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Chisels</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind and Size.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 1/2&quot; I.D.</td>
<td>Top</td>
<td>58</td>
<td></td>
<td>Casing, 5&quot;</td>
</tr>
<tr>
<td>1 1/2&quot; I.D.</td>
<td></td>
<td>53</td>
<td>56</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 15 feet.

Static Water Level for Flowing Well: 10 feet.

Pumping Water Level: 60 feet at 10 gal per minute.

How Tested: Bailer, Length of Test: 1 hr

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.) Water comes in top of the shale.

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 Blaine

FILED FOR RECORD THIS 30th DAY
OF November A.D. 1905
At 1:10 A.M. P.M.

[Signature]

County Clerk

[Signature]

Deputy
# MONTANA BUREAU OF MINES AND GEOLOGY

## WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Louis Nitto Jr.</th>
<th>Address</th>
<th>Bagdad, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>E. C. Tappan</td>
<td>Address</td>
<td>Malta, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>January 26, 1958</td>
<td>Date Completed</td>
<td>April 22, 1958</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 13, T. 34, R. 43, 1/4 sec. 52</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Type of well
- **drilled**

### Equipment used
- **rotary**

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

### Casing
- **0** ft. to **120** ft.
- Type: [ ]
- Size: [ ]

### Perforated or Screened
- **0** ft. to **120** ft.
- Type: [ ]
- Size: [ ]

### Static Water level, for non-flowing well
- 100 feet

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

### Pumping water level
- 660 feet at 5 gal. per min

### How tested
- ball jar

### Length of test
- 6 hours

### Remarks
- (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
  - A hose was used above the top perforations

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
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<tr>
<td>800</td>
<td>820</td>
</tr>
<tr>
<td>820</td>
<td>850</td>
</tr>
</tbody>
</table>

Log of Well

STATE OF MONTANA

COUNTY OF

COUNTY OF

APPROVED: 4-5-38

A. B. 0.

DAY
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

RECEIVED
OCT 28 1963

DECLARATION OF VESTED GROUNDWATER RIGHTS

(State of Montana) 

(File No. ____________)

COUNTY OF ____________

STATE OF ____________

(Name of Appropriator) (Address) (Town)

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

1. The date on which the claim is based.

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 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

File No. ____________

County ____________

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 Blaine

FILED FOR RECORD THIS 24TH DAY
OF October, A.D. 1963

AT 3:00 P.M.

Agnes L. Bergrose
Clerk

Pvt. D. Priestly
Deputy

250880
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>35</td>
<td>HERLIG VERNON</td>
<td>GW-4</td>
<td>256643</td>
<td>SAME FORM</td>
</tr>
<tr>
<td>36</td>
<td>&quot;</td>
<td>GW-4</td>
<td>256643</td>
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</tbody>
</table>
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

Vernon Helig, of Turner, Montana

(County of Alba, State of Montana)

I have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1952, as follows:

2. The beneficial use on which the claim is based:
   - Irrigation
   - Hunting
   - Water for domestic consumption

3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
   - 1950 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   - 200 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:
   - Section 25 and 36, T. 31 S., R. 38 E., Montana
   - Vernon Helig

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:

The depth of water table:

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

The estimated amount of groundwater withdrawn each year:

The log of formation encountered in the drilling of each well if 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:

State of Montana

County of Alba

Received Aug. 6, 1965

Having first been duly sworn, I depose and say that I am of lawful age and do know the contents of said foregoing notice and that the matters and things therein stated are true.

[Signature]

Secretary of the State Water Conservation Board

[Date]
STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 5TH DAY
OF August, A.D. 1962
AT 2:30 O’CLOCK P.M.

[Signature]
[Signature]
COUNTY CLERK
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>36</td>
<td>BRADY, EARL</td>
<td>GW-4</td>
<td>250242</td>
<td></td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Earl Bray
   (Name of Appropriator)
of Sec 32 T 33 R 17
   (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.

   "A Farm Building"

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

   "Sept 19 63"

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

   "500 gal. per day"

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

   "Agricultural Lands"

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

   "Drill"

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

   "Sept 19 63"

   8. The depth of water table.

   "15 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.

   "A 6"" Domestic Pump"

   10. The estimated amount of groundwater withdrawn each year.

   "500 gal"

   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: Earl Bray
   Date: Aug 7 1963

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

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

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

FILED FOR RECORD THIS 3 DAY
OF ______________________ A. D. 19__
AT _______ O'Clock ______ M.

[Signature]

Clerk

DEPUTY
## Groundwater Index

**County:** Grange  
**Twp.:** 33 North  
**Rge.:** 16 East

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>Well 126</td>
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<tr>
<td>7</td>
<td>Paulson, Walter</td>
<td></td>
<td>252477</td>
<td></td>
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<tr>
<td>7</td>
<td>Paulson, Walter</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>14</td>
<td>Wirth, William</td>
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<td></td>
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<tr>
<td>15</td>
<td>Wiederien, Fred E.</td>
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<td>251699</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Neubauer, George</td>
<td></td>
<td>252111</td>
<td>Same Form</td>
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<td>20</td>
<td>Thompson, Ralph</td>
<td>GW-2</td>
<td>258623</td>
<td></td>
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<tr>
<td>20</td>
<td>Kleinian, Paul</td>
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<td>257399</td>
<td></td>
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<td>21</td>
<td>Thompson, Ralph</td>
<td>GW-2</td>
<td>258624</td>
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<tr>
<td>21</td>
<td>Sargent, Durne</td>
<td>GW-2</td>
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<tr>
<td>22</td>
<td>Wise, Herman</td>
<td></td>
<td>257904</td>
<td></td>
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<tr>
<td>24</td>
<td>Nash, Roy W.</td>
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<td>24</td>
<td>Wise, George</td>
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<td>257947</td>
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<td>24</td>
<td>Kueman, Ted</td>
<td>GW-2</td>
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<td>21</td>
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<td>See Sec. 17</td>
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<td>Haugen, Mark</td>
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<tr>
<td>29</td>
<td>Roberts, Lorett</td>
<td></td>
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<tr>
<td>29</td>
<td>Nemetz, James K.</td>
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<td>257986</td>
<td></td>
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<td>29</td>
<td>Nemetz, James K.</td>
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<td>29</td>
<td>School District #41</td>
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<tr>
<td>32</td>
<td>Carlson, Melvin A.</td>
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<td>33</td>
<td>Burns, Harry L.</td>
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<td>252474</td>
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<td>Burns, Tom</td>
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<td>Clark, Charles E.</td>
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<td>Stevens, Ray</td>
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</table>
Form No. 18
8-60

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
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<tbody>
<tr>
<td></td>
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<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
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<tbody>
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<td></td>
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<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
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<tbody>
<tr>
<td>1/1/60</td>
<td>1/1/61</td>
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</tbody>
</table>

<table>
<thead>
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<th>Location: Sec.</th>
<th>T</th>
<th>R</th>
<th>¼ sec.</th>
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<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Shov drill</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to</th>
<th>ft.</th>
<th>Type</th>
<th>Size</th>
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<td>d/c</td>
<td>s/c</td>
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<td></td>
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<td>d/c</td>
<td>s/c</td>
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<td>d/c</td>
<td>s/c</td>
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<table>
<thead>
<tr>
<th>Perforated or screened:</th>
<th>ft.</th>
<th>to</th>
<th>ft.</th>
<th>to</th>
<th>ft.</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Type of screen or perforations: □ □ □ □

Static water level, for non-flowing well: 12 feet.

Shut-in pressure, for flowing well: 1 lb./sq. in. on: (date)

Pumping water level: 100 feet at 20 gal. per min.

How tested: ✔

Length of test: 1 day.

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>
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</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>30</td>
</tr>
<tr>
<td>30</td>
<td>70</td>
</tr>
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<td>70</td>
<td>105</td>
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<td>130</td>
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<td>170</td>
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<td>170</td>
<td>195</td>
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<td>270</td>
<td>305</td>
</tr>
<tr>
<td>305</td>
<td>341/2</td>
</tr>
<tr>
<td>341/2</td>
<td></td>
</tr>
</tbody>
</table>
**Notice of Completion of Groundwater Appropriation by Measuring Well**

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Walter Paulson  
Address: Chinook, Montana

Driller: Simpson Drilling Co.  
Address: Malta, Montana

Date of Notice of appropriation of ground water: 2-7-1964  
Date completed: 2-10-1964

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Depth of Strata</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot; 4&quot;</td>
<td>7&quot; 17 1/2&quot;</td>
<td>102</td>
<td>133</td>
<td>3/16 107 193</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 16 feet.

Shut-in Pressure for Flowing Well: 65 feet at 25 gal. per minute.

Pumping Water Level: 65 feet at 25 gal. per minute.

How Tested: Digger  
Length of Test: 2 Hours  
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Walter Paulson
Address: Chinook, Montana

Drill: Simpson Drilling Co., Address: Malta, Montana

Date of Notice of appropriation of ground water: 1/10/1964

Date well started: 2-7-1964
Date Completed: 9-20-1964

Type of well: Drilled
Equipment used: Sable tools
dig, driven, bored or churn, drill, rotary 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, 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>Stratum</th>
<th>Weight of Cutting</th>
<th>Depth</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gravel</td>
<td>17 lbs</td>
<td>3 1/2</td>
<td>102</td>
</tr>
<tr>
<td>Sand</td>
<td>15 lbs</td>
<td>99</td>
<td>133</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 15 feet

Shut-in Pressure for Flowing Well: 65 feet

Pumping Water Level: 65 feet at 25 gal. per minute

Discharge in gal. per min. of flowing well: 15 gal.

How Tested: Driller

Length of Test: 2 Hours

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

Show exact depth of bottom.

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

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

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

Filed for Record this 19th Day of March, A.D. 1927
At 2:37 O’clock P.M.

[Signature]
[County Clerk]
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Walter Paulson  Address: Chinook, Montana
Driller: Simpson Drilling Co.  Address: Malta, Montana

Date of Notice of appropriation of ground water
Date well started: April 20, 1963  Date Completed: April 20, 1963

Type of well: Drilled  Equipment used: Cable tools
           (dug, driven, bored or Churn, drill, rotary 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, 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>Strata Met</th>
<th>Character</th>
<th>Thickness</th>
<th>Depth</th>
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<tr>
<td>Soil</td>
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<td></td>
</tr>
<tr>
<td>Clay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rock</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 10 feet.
Shut-in Pressure for Flowing Well (at 15 gal. per minute):
Pumping Water Level 35 feet.
Discharge in gal. per min. of flowing well

How Tested: Driller
Length of Test: 30 minutes
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well; and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Show exact depth of bottom.

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

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

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

FILED FOR RECORD THIS 14 DAY
OF ________________ A. D. 18__
AT __:__ O'CLOCK __.M.

BEAVER COUNTY CLERK

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

Owner: Name ________________________ Address: ___________________________

Driller:Name ________________________ Address: ____________________________

Date of Notice of appropriation of ground water ___________________________

Date well started ___________________________ Date Completed ______________________

Type of well: ______ (dug, driven, bored or churn, drill, rotary or other)

Equipment used: ________ (Tools, pumps, etc.)

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>Step</th>
<th>Size and Depth of casing</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well ______ feet.
Shut-in Pressure for Flowing Well ______ psi.
Pumping Water Level ______ feet.
Discharge in gal. per min. of flowing well ______ gal. per minute.

How Tested ______ pumped
Length of Test ______ 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)

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 School of Mines and Quadruplicate for Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Walter Paulsen  
Address: Chilnook, Montana

Driller: Spooner Drilling Co.  
Address: Miles, Montana

Date of Notice of appropriation of ground water

Date well started: July 22, 1965  
Date Completed: July 24, 1965

Type of well: Drilled  
Equipment used: Cased, Screened

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>Depth 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></td>
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<td></td>
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</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 12 feet
Shut-in Pressure for Flowing Well:
Pumping Water Level:
Discharge in gal. per min. of flowing well:

How Tested: pumped  
Length of Test:

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

1/4 Sec. 7 T. 48 R. E
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; Tripplicate to the School of Mines and Quadruplicate for Appropriator.
STATE OF MONTANA
County of Blaine

Filed for record this 9th day
of September, A.D. 1965
at 9:05 o'clock A.M.

[Signature]
County Clerk

[Signature]
Deputy
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: William Welworth  Address: Chico, Montana
Driller: Nancy Macland  Address: Chico, Montana

Date of Notice of Appropriation of Groundwater: None
Date well started: 12/19/61  Date Completed: 12/29/61

Type of well: Drill  Equipment Used: Drill

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Pencillations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 7/8&quot;</td>
<td>5 1/2&quot;</td>
<td>0</td>
<td>12.5</td>
<td></td>
</tr>
<tr>
<td>5 1/2&quot;</td>
<td>3 1/4&quot;</td>
<td>12.5</td>
<td>16.5</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 10.5 feet
Shut-in Pressure for Flowing Well: Not flowing
Pumping Water Level: 130 feet at 50 gal. per minute.
Discharge in gal. per min. of flowing well: Not flowing
How Tested: Balancing
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 similar pertinent information, including number of acres irrigated, if used for irrigation)

不孕

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

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

1. Fred E. Wiedersen, of Havre, Blaine County, 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: March 1960, continuously

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: March 15, 1961

8. The depth of water table: 85 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 and such other information as may be useful in carrying out the policy of this act, including reference to book and page of any county record:

10. The estimated amount of groundwater withdrawn each year: 180,000 gal.

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: Fred E. Wiedersen
Date: Dec 17, 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, state, otherwise the form will be returned.
STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS ___DAY
OF__________________________ A. D. 19___
AT ___________________ C. M.

CAPT. ____________
COUNTY CLERK
DEPUTY
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

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

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

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

Owner

Address

Date well started

Type of well

Equipment used

Water Use

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

PERFORATIONS

Static water level

Pumping water level

Head size

From (Foot)

To (Foot)

Top of Ground

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.

County

Top of Ground

Driller’s Signature

Driller’s Address

LICENSE NO.

Show exact depth of bottom

52.54/8
**STATE OF MONTANA**  
**ADMINISTRATOR OF GROUNDWATER CODE**  
**MONTANA WATER RESOURCES BOARD**  
**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**  
**Developed after January 1, 1962**  
(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

**Owner**  
**Address**  
**Date well started**  
**Date well completed**  
**Type of well**  
**Equipment used**  
**Water Use:** Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ] Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

*Describe*

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

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Size of Well</th>
<th>Flow Rate</th>
<th>Total Flow</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 3/4</td>
<td>55/8</td>
<td>206</td>
<td>25-69</td>
</tr>
</tbody>
</table>

**Driller’s Log**

- Static water level: 31 feet.
- Pumping water level: 63 feet.
- Perforations: 25 gallons per minute, measured 7 minutes after pumping began.
- Measured from ground level.
- Well developed by:............................................ for................. hours.
- Power:........................................... HP
- Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller’s Signature:...........................................
Driller’s Address: 1609 MAIN STREET, BILLINGS, MONTANA

Show exact depth of bottom
STATE OF MONTANA
County of Blaine

Filed for record this 5th Day of March, A. D. 1929
M. 11:30 O'Clock A.M.

County Clerk

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. GEORGE MEIBAUER, of Chinook
   (Name of Appropriator) (Address) (Town)
   County of Blaine
   State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Well No. 1, over 15 yrs.; No. 2, appr. 1938; No. 3, appr. 1938; No. 4, 1935. Continuous in all cases.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): wells No. 1, 2, 3, and 4, 2 gallons per min. in each case.

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: Each well has pump with electric motor. Locations: No. 1, 40 acres of Section 17; Nos. 2 and 3, 40 acres of Sec. 20; No. 4, 80 acres of Sec. 21; T13N, R. 18 E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: No. 1, 1943; Nos. 2 and 3, 1938; No. 4, 1935.

8. The depth of water table: 70 ft.; 20 ft.; 20 ft.; 180 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: In case of each well, withdrawal is by means of pump on 3/4 in. pipe, powered by elec. motor.

10. The estimated amount of groundwater withdrawn each year: No. 1, 180,000 gals.; Nos. 2, 3, 240,000 gals. each; No. 4, 216,000 gals.

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: George Meibauer
Date: December 27, 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 & Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(UNDER CHAPTER 237, MONTANA SESSION LAWS, 1961)

Owner: 
Address: 

Date of Notice of appropriation of groundwater: 6-1-66

Date well started: 6-25-66 Date completed: 6-26-66

Type of well: 
Equipment used: 

Water use: 

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>Pumping Water Level</th>
<th>Shut-in Pressure for Flowing Well</th>
</tr>
</thead>
<tbody>
<tr>
<td>9&quot;</td>
<td>9&quot; KXKX</td>
<td>6</td>
<td>10</td>
</tr>
<tr>
<td>5&quot;</td>
<td>5&quot; KXKX</td>
<td>59</td>
<td>16 H</td>
</tr>
<tr>
<td>8/12&quot;</td>
<td>8/12 KXKX</td>
<td>16 H</td>
<td>18 H</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 10 feet
Shut-in Pressure for flowing well: 10 ft
Pumping Water Level: 100 ft at 20 gal. per minute.
Discharge in gal. per min. of flowing well: 100 gal.

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

County Clerk and Recorder in the county in which the well is located, must copy this form 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. 

CONSERVATION BOARD
TRIPLICATE

SEP 22 1966

3 3 R 18

[Diagram and additional textual information]
State of Montana

Petersburg

Statutory Court

Received

19th Day

of September, 1966

At 11:15 o'clock A.M.

County Clerk

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

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

STATE ENGINEER

1. Paul Kleinman
   (Name of Appropriator)
   of Red Rock Route, Chinook
   (Address)
   (Town)
   County of
   State of
   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.
   3. Date or approximate date of earliest beneficial use; and how continuous the use has been since
   1923. Conclusion.
   4. The amount of groundwater aimed (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; Tripletic to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS ___ DAY
OF ________ A. D. 19__
AT _______ O'CLOCK ___ M.

__________________________
COUNTY CLEK/R

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

Owner:

Driller:

Date of Notice of appropriation of groundwater:

Date well started:

Date completed:

Type of well:

Equipment used:

(Dig, 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 Drill</th>
<th>Size and Weight of Details</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well:

Shut-in Pressure for Flowing Well:

Pumping Water Level:

Discharge in gal. per min. of flowing well:

How Tested:

Length of Test:

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

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

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

Driller's License Number:

Driller's Signature:

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1963
(Under Chapter 237, Montana Session Laws, 1961)

Owner: 
Address: 
Driller: 
Address: 

Date of Notice of appropriation of groundwater: 1-1-66
Date well started: 
Date completed: 

Type of well:  
Equipment used:  
(Dug, Driven, bored or drilled) (Chisal drill, rotary or other)

Water use:  
Domestic  
Municipal  
Stock  
Irrigation  
Industrial  
Drainage  
Other  

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PREPARATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>14&quot; X 26' 6&quot;</td>
<td></td>
<td>11' 0&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11' 0&quot;</td>
<td></td>
<td>171</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 10 feet.

Shut-in Pressure for Flowing Well.

Pumping Water Level at 100 feet gal per minute.

Discharge in gal. per min. of flowing well.

How Tested: 
Length of Test: 

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

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

...(Continues on reverse side)...

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

Driller's License Number:  
Driller's Signature:  

(This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissues copy to be retained by driller.)
STATE OF LOUISIANA  
Parish of Caddo  

Find the record 19th Day  
of  January  A. D. 19-64  
At 11:12 o'clock A.M.  
County Clerk  

Fee 2.00  

Deputy
Notice of Completion of Groundwater Appropriation by Means of Well

Developed after January 1, 1962

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

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

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

Owner: [Name]

Address: [Address]

Date well started: 4-26-71

Type of well: [Type]

Equipment used: [Equipment]

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

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

*Describe [ ]

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

State number of acres and location or other data (i.e. Lot, Block and Addition).

Estimated Annual Withdrawal

<table>
<thead>
<tr>
<th>Size of Unit</th>
<th>Rate and yield</th>
<th>From</th>
<th>To</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level: 15 ft.

Pumping Water Level: 13.5 ft.

at 1.5 gpm. measured 12 minutes after pumping began.

*Measured from ground level.

Well developed by [Method for development].

Power: [Type of Pump].

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

Driller’s Signature: [Signature]

Driller’s Address: [Address]

License No. [Number]

Show exact depth of bottom

49.284
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Herman Wirth
   (Name of Appropriator)
   of Chinook, Montana
   (Address)
   Town
   County of Blaine
   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 is:
      Livestock
      heating and cooling
      garden irrigation

   3. Date of approximate date of earliest beneficial use and how continuous the use has been since 1937:
      Continuous use

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 500.7

   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, Platte Valley F. M. #2, Blaine County

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
      Drilled well 150 feet deep

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1987

   8. The depth of water table:
      One 16.7 feet, one 14.7 feet deep, 50 feet above ground level

   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:
      One drilled 140 feet, one 14 feet deep

   10. The estimated amount of groundwater withdrawn each year: 2 acres

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

   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: Herman Wirth
   Date: Dec 26, 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.
STATE OF MONTANA
County of Blaine
FILED FOR RECORD THIS RG DAY
OF A. D. 1963
AT 10:15 O'CLOCK A. M.

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

1. ROY W. NASH, of
   County of BLAINE, State of MONTANA

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

   The beneficial use on which the claim is based: STOCK-WATER AND HOUSEHOLD USE

   The date or approximate date of earliest beneficial use and how continuous the use has been:
   WELL NO. 1 1950
   WELL NO. 2 1952

   The amount of groundwater claimed (in miner's inches or gallons per minute):
   WELL NO. 1 4 GMPR.
   WELL NO. 2 10 GMPR.

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

   The date of commencement and completion of the construction of the wells, or other works for withdrawal of groundwater:
   WELL NO. 1 1950
   WELL NO. 2 1950

   The depth of water table:
   WELL NO. 1 140 FT
   WELL NO. 2 150 FT

   The log of formations encountered in the drilling of each well if available:
   WELL NO. 1 SAND 125 FT SHALE
   WELL NO. 2 SAND 118 FT SHALE

   The estimated amount of groundwater withdrawn each year: CONTINUOUSLY

   The log of formations encountered in the drilling of each well if available:
   WELL NO. 1 SAND 125 FT SHALE
   WELL NO. 2 SAND 118 FT SHALE

   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: Roy W. Nash
   Date: Dec 26 - 1963

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

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

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

FILED FOR RECORD THIS 26 DAY
OF DECEMBER A. D. 1943
AT 1:30 O'CLOCK P. M.

S. L. MORGAN
COUNTY CLERK

G. L. CLARK
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. Name of Appraiser (Sec.)
   Address (Town)
   County of
   State of

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 land 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.

2198