Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 287, 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 well completed: [Date]

Type of well: [Type]
Equipment Used: [Equipment]

Water Use: Domestic [X] 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: [Feet]
Shut-in Pressure for Flowing Well: [Feet at] [Gallons per minute]

Discharge in gal. per min. of flowing well: [Flow Rate]

How Tested: [Test Method] Length of Test: [Length]

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): [Remarks]

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

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

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

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

December 31, 1962
at 25 minutes past 10 o'clock P.M.

Anna Quigley
County Recorder

Carol McFarland
Recorder
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner:</th>
<th>J. Jitschel</th>
<th>Address: Anaconda, Mont.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller:</td>
<td>C. F. Troub</td>
<td>Address: Anaconda, Mont.</td>
</tr>
<tr>
<td>Date Started:</td>
<td>Sept. 17, 1928</td>
<td>Date Completed: Sept. 20, 1928</td>
</tr>
<tr>
<td>Location:</td>
<td>Sec. 26, T. 4, R. 10 W. 1/4</td>
<td></td>
</tr>
</tbody>
</table>

Type of well: Drilled
Equipment used: Churn Drilled
(Dig, driven, bored, or drilled)

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

Casing: Surface ft. to 40 ft. Type Common black Size 6"
Casing: ft. to ft. Type Size
Casing: ft. to ft. Type Size
Perforated or Screened: Ft. to Ft. to Ft.
Type of screen or perforations:
Static Water level, for non-flowing well: 7 ft.
Shut-in pressure, for flowing well: lb./sq. in. on: (date)
Pumping water level: 11 ft. at 22 gal. per min.
Flow tested: Kwaged
Length of test: 6 hr.
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>Surface</td>
<td>37' Sand and gravel with some clay</td>
</tr>
<tr>
<td>37'</td>
<td>39' Clay</td>
</tr>
<tr>
<td>39'</td>
<td>40' Clean gravel water bearing</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Sec. 1, Laws, 1961)

Date of Appropriation of Groundwater: [Date]
Owner: [Name]
Address: [Address]
Contractor (if any): [Name]
Address of Contractor: [Address]
Date Started: [Date]
Date Completed: [Date]

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent, estimate approximate lengths of periods of use.

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

Signature of Owner: [Signature]
Date: [Date]

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

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

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

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

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

1. Name of Appropriaor:
   Address:
   Town:
   County:
   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, 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.
FILED FOR RECORD

December 31, 1969
At 58 minutes past 7 o'clock

M. A. Smith
County Recorder

200
Deeds
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: Box 141, Opportunity, Mont. 59771
Date well started: 2/14/73; completed: 2/14/73

Type of well: Drilled
Equipment used: Churn drill

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

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drifted Pipe</th>
<th>Depth of Drift Cemented</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 5/8&quot; od x .250</td>
<td>6' 25'</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Cutting torch: 18' 33'

Static water level: 9 ft.
Pumping water level: 15 ft.
Gallons per minute: 135
Minutes after pumping began: __________

*Measured from ground level.

Well developed by: drilling for 300 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: 2004 Harvard Avenue, Butte, Montana 59701
LICENSE NO.: 8

<table>
<thead>
<tr>
<th>Top of Ground (below sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0' 1' Top well</td>
</tr>
<tr>
<td>4' 17' Gravel</td>
</tr>
<tr>
<td>0' 15' Sand &amp; gravel</td>
</tr>
<tr>
<td>12' 18' Cemented gravel</td>
</tr>
<tr>
<td>18' 25' Sand &amp; gravel-water</td>
</tr>
</tbody>
</table>

Show exact depth of bottom: 25'.
FILED FOR RECORD

June 29, 1873
at 15 minutes past 11 o'clock
A.M.

HELEN L. LOVELL

County Recorder

Register

200
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 Law, 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: R.C. R.G. Ferguson
Address: East 141

Date well started: 2/14/72
completed: 2/21/72

Type of well: Drilled

Equipment used: Churn drill

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

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

"Describe:

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

ESTIMATED ANNUAL WITHDRAWAL:

<table>
<thead>
<tr>
<th>Size of Pipe</th>
<th>Rate and Depth of Coding</th>
<th>Top of Ground</th>
<th>Top of Pump</th>
<th>Water Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 5/8&quot;</td>
<td>250</td>
<td>6&quot;</td>
<td>18'</td>
<td>23'</td>
</tr>
</tbody>
</table>

Static water level: 6 ft.
Pumping water level: 3 ft.

gallons per minute, measured minutes after pumping began.

*Measured from ground level.

Well developed by drilling for 25' for 8 hours.

Power: Pump: 1 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: O'FELPE CONTRACTING COMPANY

Driller's Address: 2094 Harvard Avenue

Butte, Montana 59701

LICENSE NO. 25' Show exact depth of bottom
FILED FOR RECORD

June 29, 1973
at 16 minutes after 11 o'clock

HELEN L. LOVELL
Recorder

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

---

**Owner:**

**Address:**

**Opportunity, Montana**

**Date well started:** 5/12/73

**Type of well:** Drilled

---

**Equipment used:** Rotary Drill

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

**Indicate:** Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

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

---

**Estimate Annual Withdrawal**

<table>
<thead>
<tr>
<th>Size of Bore 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>12&quot; 5/8&quot; od x .250</td>
<td>490' cutting torch</td>
<td>375'</td>
<td>490'</td>
<td></td>
</tr>
</tbody>
</table>

---

**N**

**W**

---

**Indicate Location of Well and Place of Use, if Possible. Each Small Square Represents 40 Acres.**

Driller's Signature: O'Keefe Contracting Company

**Driller's Address:** 3804 Harvard Avenue

Butte, Montana 59701

**License No.**

---

**Top of Ground** (Enter above sea level)

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>3'</td>
<td>120' Gravel, boulder, water 15 gpm</td>
</tr>
<tr>
<td>120'</td>
<td>240' Gravel, clay</td>
</tr>
<tr>
<td>240'</td>
<td>320' Sand, gravel &amp; water</td>
</tr>
<tr>
<td>320'</td>
<td>360' Banking, gravel</td>
</tr>
<tr>
<td>360'</td>
<td>450' Sand, gravel, clay</td>
</tr>
<tr>
<td>450'</td>
<td>500' Sandy clay, water</td>
</tr>
</tbody>
</table>

---

**Date well started:** 5/12/73

---

**Date well completed:** 6/28/73

---

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

---

**County:** Deer Lodge

---

**Show exact depth of bottom:**

---

**Batt:** Montana 59701
FILED FOR RECORD

June 29, 1973
at 9:36 minutes past 4 o'clock

M Helen B. Cowell
County Recorder

By Mahalo M. King
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: Dr. R. E. Purgeon
Address: Box 141
Opportunity, Montana

Date well started: 5/30/73
Completed: 6/10/73

Type of well: Drilled
Equipment used: Rotary Drill

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and</th>
<th>Flow Rate</th>
<th>Depth to</th>
<th>Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hole</td>
<td>Depth</td>
<td>(GPM)</td>
<td>(Feet)</td>
<td>(Feet)</td>
</tr>
<tr>
<td>12&quot;</td>
<td>5/8&quot; od</td>
<td>450&quot;</td>
<td>370&quot;</td>
<td>450&quot;</td>
</tr>
</tbody>
</table>

Static water level: ft.
Pumping water level: ft.

Water: 450 gallons per minute, measured minutes after pumping began.

*Measured from ground level.

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

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

Each small square represents 40 acres.

Driller’s Signature: O’Keefe Contracting Company
Driller’s Address: 2904 Harvard Avenue

Butt, Montana 59701  LICENSE NO. 0 450’ Show exact depth of bottom
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>The Anaconda Company</th>
<th>Box 640, Anaconda</th>
</tr>
</thead>
<tbody>
<tr>
<td>County of</td>
<td>Deer Lodge</td>
</tr>
<tr>
<td>State of</td>
<td>Montana</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

1. **The Anaconda Company**  
   Box 640, Anaconda  
   County of Deer Lodge  
   State of Montana

2. The beneficial use on which the claim is based:  
   Domestic, stock and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:  
   Approximately 1931 - continuous use.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:  
   The Anaconda Company  
   Section 37, Township 4 North, Range 10 West.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:  
   Scott Fork Ranch Well  
   Section 37, Township 4 North, Range 10 West.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:  
   Approximately 1931.

8. The depth of water table:  
   8 feet 7 inches.

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:  
   Dry Well. Diameter 48"-60".

10. The estimated amount of groundwater withdrawn each year:  
    Capacity of walls:  

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:

   [Signature of Owner]
   [Date: Dec 19, 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

DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Haggin Livestock
Address: Anaconda, Montana

Driller: O'Keefe Drilling Co.
Address: Butte, Montana

Date of Notice of appropriation of groundwater: March 10, 1967
Date well started: March 10, 1967
Date completed: March 10, 1967

Type of well: Drilled
Equipment used: Submersible pump

Water use: Domestic
Industrial
Stock
Irrigation
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 characteristic of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Perforations</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Collar</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>25</td>
<td>5 x 1 in.</td>
<td>17 lb.</td>
</tr>
<tr>
<td></td>
<td>18</td>
<td>22</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: 15 feet
Discharge in gal. per min. of flowing well:

How Tested: baler
Length of Test: 2 hr.
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Indicate location of well and place of use, if possible. Each small square represents 40 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, tinsie copy to be retained by driller.

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

Duplicate

Driller's License Number

Driller's Signature
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: Louis Marschak
Address: Crackleville
Anacortes, Mont.
Date well started: April 1973
Date completed: May 1973

Type of well:
Equipment used:
Water Use:
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 Column</th>
<th>Size and Weight of Cutting</th>
<th>From (Fee)</th>
<th>To (Fee)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 111' 11½" ft.*
Pumping water level: 111' 11½" ft.*
at 111' 11½" ft.* gallons per minute, measured 5 minutes after pumping began.

*Measured from ground level.

Well developed by
for 50 hours.

Power: Pump HP

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

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

EACH SMALL SQUARE REPRESENTS 10 ACRES.

Driller's Signature: Louis Marschak
Driller's Address: Crackleville

Show exact depth of bottom

59/64
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: Lloyd Daniels
Address: Cracksville

Date well started: July 1922

Type of well: Drilled

Equipment used: Drill

Water Use: Domestic □ Municipal □ Stock □ Irrigation □

*Describe: __________

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Date of Cut Off</th>
<th>Size and Weight of Cut</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
</table>

PERFORATIONS

<table>
<thead>
<tr>
<th>Ind. No.</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
</table>

Static water level: ______ ft.
Pumping water level: ______ ft.

Power: Pump __ HP
Remarks: (Gravel packing, cementing, packers, type of shutoff).

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

Driller's Signature: Lloyd Daniels
Driller's Address: Cracksville

Show exact depth of bottom: ______

LICENSE NO. ______
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **[Name of Appropriator]**
   
2. **[Address]**
   
3. **[Town]**
   
4. **[County of]**
   
5. **[State of]**
   

**[Declaration of Vested Groundwater Rights]**

I, the undersigned, 

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

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

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the 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)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Owner: John E. James
Address: ___

Driller: C. Pross
Address:illoworks, MT

Date of Notice of Appropriation of Groundwater: ___

Type of well: Drilled
Equipment Used: Churn drill
(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, 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.

Pumping level 63' at 16 gpm.

Static Water Level for non-flowing Well: 26'

Shut-in Pressure for Flowing Well: ___

Pumping Water Level: 63 feet at 16 gal. per minute.

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

How Tested: ___

Length of Test: ___

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other 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 the Appropriator.

Driller's License Number: ___

Driller's Signature: ___
F I L E D  F O R  R E C O R D

December 27, 1963
12:00 minutes past 10 o'clock
P.M.

Anna Quigley

Paul McCarty
Registrar
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. John E. Jones, 10 P. O. Box 967, Anaconda
   (Name of Appropriator) (Address) (Town)

   County of Deer Lodge State of Montana

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1953 continuous since

   4. The amount of groundwater claimed (in winter’s inches or gallons per minute): 30 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: Pump

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Started Oct 1952 Finished Nov 1952

   8. "in of water table: 25 feet

   9. Or as it may be available, the type, size and depth of each well or the general specifications of any other for the withdrawal of groundwater: Drilled well 40 casing 79 feet depth

   10. The estimated amount of groundwater withdrawn each year:

   11. The log of formations encountered in the drilling of each well if available: Sand gravel & large boulders at 39' Intermittent layers sand & gravel & clay mix at 77' Sand & gravel Water bearing at 79'

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

   Signature of Owner: John E. Jones
   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 Appropriate.
FILED FOR RECORD

December 27, 1963
at 05 minutes past 10 o'clock
P.M.

ANNA QUIGLEY
County Recorder

PAUL McCARTHY
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: James Bay
Box 3362 Butte, MT 59701
Address: Crackerville 59701

Date well started: 5/31/73
Date well completed: 5/31/73

Type of well: Drilled

Equipment used: Churn Dril

Water Use: Domestic □ Municipal □ Irrigation □ Other □ Garden/Lawn □

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cutting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 5/8&quot; OD</td>
<td>32&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>x .250 + 1&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 5/8&quot; OD</td>
<td>x .250</td>
<td>29&quot;</td>
<td>31&quot;</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 18' ft.
Pumping water level: 20' ft.
at 20 gallons per minute, measured minutes after pumping began.

*Measured from ground level.

Well developed by pumping...

for ... hours.

Power: Pump: HP.

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

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

Driller's Signature: O'Keefe Contracting Company

Driller's Address: 2034 Harvard Avenue

Butte, Montana 59701 LICENSE NO. 8

Show exact depth of bottom

5' 3/2
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Gilbert J. Tauscher**
   - **Address**: Box 73 (Matherville), Musselmans
   - **Town**: Broadwater

   **County of**: Broadwater
   - **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: House Use.

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1.5 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: Lawn, trees, and flowers;

   **Gilbert J. Tauscher**.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal (deep or shallow wells):

   - Deep well.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: June 15, 1961, completed June 23, 1961.

   8. The depth of water table: 17 feet of water.

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

   - **Type**: Hand Drilled Well
   - **Casing**: 6 inch, 10 feet
   - **Depth**: 17 feet

   10. The estimated amount of groundwater withdrawn each year: 150,000 gallons per year.

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

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

   Signature of Owner: **Gilbert J. Tauscher**
   - Date: 7/5/61

   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; Triplet to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriate.
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

G. J. Tauscher

(Name of Appropriator)

PC Box 122, Pollock, MT

(Address)

Town of Bear Lodge

County of Bear Lodge

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: Sept. 1961.

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 50 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 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. The estimated amount of groundwater withdrawn each year:

10. The estimated amount of groundwater withdrawn each year:

11. The type 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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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


County of Bozeman
State of Montana

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

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1967

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Ten (10) 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: Used for Domestic use. Ja. Darrah

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Ten (10) gallons per minute

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Imminent plans for 1968 and completed in April 1968

8. The depth of water table: Bozeman

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: Ten (10) feet, size 6 x 6 inches. Depth for Domestic use. 60 feet. Depth for irrigation 100 feet, size 12 x 12 inches

10. The estimated amount of groundwater withdrawn each year: Undetermined

11. The log of formations encountered in the drilling of each well if available: 2000

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

Signature of Owner: John S. Darrah
Date: 06-30-1963

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

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

Original to the County Clerk and Recorder, duplicate to the State Engineer, triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriate.
Filed for record.
December 30, 1963
at 74 minutes past 10 o’clock
A.M.
Anna Quigley
County Court
Deputy
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

**County of** [Name of Appropriator]

**State of** [Address] of [Town]

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

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

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 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: [Signature]

Date: [Date]

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

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

Fannie Johnston Sr.  Bruceville Arrocondo
(Name of Appropriator) (Address)

County of

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

1. Name of Appropriator: Fannie Johnston Sr.
2. The beneficial use on which the claim is based: Household Use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1948
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:
   Electric Water Pump
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.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>RUDOLPH A. PRESKAR</td>
<td>Route 1</td>
<td>Anaconda</td>
</tr>
</tbody>
</table>

**County of** Deer Lodge  
**State of** Montana

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

1. **Name of Appropriator**
   - RUDOLPH A. PRESKAR
2. **Address**
   - Route 1
3. **Town**
   - Anaconda

**County of** Dear Lodge  
**State of** Montana

4. The beneficial use on which the claim is based **domestic use**

5. Date or approximate date of earliest beneficial use; and how continuous the use has been **April of 1941**

6. The amount of groundwater claimed (in miner's inches or gallons per minute) **20 gallons per minute**

7. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
   - **For irrigating lawn**

8. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **electric pump on west side of house**

9. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **first well, hand drilled in 1942, second well drilled in 1959**

10. The depth of water table **42 feet**

11. The log of formations encountered in the drilling of each well if available **driven by Price and Lindsey of Clancy, Montana**

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**  
RUDOLPH A. PRESKAR  
**Date** 12/31/43

---

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

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

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

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

MICHAEL B. RYAN, of DEER PARK, 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:
   HOUSE-HALT USE

2. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   WELL-15 GALLONS PER MINUTE
   USE-CONTINUOUS

3. The amount of groundwater claimed (in miner’s inches or gallons per minute):
   ABOUT 300 GALLONS

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:
   WELL IS ON WEST SIDE OF HOUSE
   WITHDRAWN BY ELECTRIC PUMP
   FARM: 284.28 ACRES
   B: 34.67 ACRES

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   WELL 284 DEEP 2 CASEN

6. The depth of water table:
   824

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 date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   1943

9. The estimated amount of groundwater withdrawn each year:
   100500 GALLONS

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

11. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:
   TAX HOM PAGE 240
   LINE 35
   "Michael B. Ryan"
   Date: 3-30-1962

Signature of Owner:

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
DEVELOPED AFTER JANUARY 1, 1952
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: Opportunity Fire Dept.
Address: Opportunity, Mont.

Driller: Ken Lindley
Address: Clancy, Mont.

Date of Notice of appropriation of groundwater: June 12-69
Date completed: June 14-69

Type of well: Drilled
Equipment used: Churn

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</th>
<th>Depth (ft)</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-6 ft.</td>
<td>Topsoil &amp; Gravel</td>
<td></td>
</tr>
<tr>
<td>6 ft. to 15 ft.</td>
<td>Clay &amp; Gravel</td>
<td></td>
</tr>
<tr>
<td>15 ft. to 32 ft.</td>
<td>Sand &amp; Gravel</td>
<td></td>
</tr>
<tr>
<td>32 ft. to 41 ft.</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>41 ft. to 42 ft.</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 8 ft.
Shut-in Pressure for Flowing Well
Pumping Water Level 10 ft. at 30 gal. per minute.
Discharge in gal. per min. of flowing well

Hyd Test Pump
Length of Test 3 hrs.
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

For Fire Department
Filling trucks & Domestic use

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

Driller's License Number: 38
Driller's Signature: Ken Lindley
Date: 11/13/69
FILLED FOR RECORD

July 9, 1919
at 10 minutes past 10 o'clock

Helen L. Smith
County Recorder

Mary Clark
Deputy
Recently a copy of a groundwater appropriation form was forwarded to this office by the County Clerk and Recorder.

This form is identified by
Owner: Opportunity Fire Department
Address: Opportunity, Montana

Document No.

The form is complete as filed. This is to inform you your GW form has been received and no further action is necessary on your part.

The form is incomplete. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Other.

County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.

Document filing number is needed.
<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
<th>Water use</th>
<th>Casing:</th>
<th>Perforated or Screened:</th>
<th>Static Water level, for non-flowing well:</th>
<th>Shut-in pressure, for flowing well:</th>
<th>Pumping water level:</th>
<th>How tested:</th>
<th>Length of test:</th>
<th>Remarks:</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Domestic</td>
<td>ft to ft</td>
<td>ft to ft</td>
<td>feet</td>
<td>lb/sq. in. on: (date)</td>
<td>feet at</td>
<td></td>
<td></td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
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<td>Municipal</td>
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**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
<th>Charte or Other</th>
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<tbody>
<tr>
<td>Domestic</td>
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<tr>
<td>Municipal</td>
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<tr>
<td>Stock</td>
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<tr>
<td>Irrigation</td>
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<tr>
<td>Industrial</td>
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<tr>
<td>Drainage</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Location:** Section 7

**Portion Tract 66-Opportunity Subdivisions**

**Owner:** James E. Rogers  
**Address:** Anaconda

**Date Started:** August 24, 1958  
**Date Completed:** August 21, 1958

**Type of well:** Drilled, bored, or drilled

**Water use:** Domestic

**Casing:**
- Surface: ft. to ft.
- Type: Siltite
- Size: 4

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

**Type of screen or perforations:**

**Static Water level, for non-flowing well:** 6 ft.

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

**Pumping water level:** 15 ft.

**How tested:** 12 gal. per min.

**Length of test:** 24 hrs.

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

...
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>Top well</td>
</tr>
<tr>
<td>3' - 5'</td>
<td>Clay and sand</td>
</tr>
<tr>
<td>8' - 23'</td>
<td>sand and gravel, some boulders</td>
</tr>
<tr>
<td>23' - 27'</td>
<td>hard pan</td>
</tr>
<tr>
<td>27' - 30'</td>
<td>water-bearing sand and gravel</td>
</tr>
<tr>
<td>Depth, feet</td>
<td>Description of Material Drilled</td>
</tr>
<tr>
<td>------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>From 17</td>
<td>Top well</td>
</tr>
<tr>
<td>From 22</td>
<td>Clay and silt</td>
</tr>
<tr>
<td>From 27</td>
<td>Sand and gravel</td>
</tr>
<tr>
<td>From 27²</td>
<td>Hard pan</td>
</tr>
<tr>
<td>From 28²</td>
<td>Water-bearing sand and gravel</td>
</tr>
</tbody>
</table>

# WATER WELL LOG

**Owner:**

**Address:**

**Driller:**

**Address:**

**Date Started:** May 9, 1957

**Date Completed:** May 11, 1957

**Location:** Sec. 11, T. 10 N., R. 14 W.

### Type of well

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

### Casing

- Depth: to 49 ft.
- Type: 
- Size: 

### Equipment used

- Churn drill
- Other:

### Water use

- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other:

### Perforated or Screened

- From ft. to ft.
- From ft. to ft.

### Type of screen or perforations

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

### Shut-in pressure, for flowing well

- lb./sq. in.
- (date)

### Pumping water level

- feet at
- gal. per min

### How tested:

### Length of test

### Remarks:

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

(over)
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: O. D. Howard
Address: 328910-6733

Driller: C. F. Wroble
Address: 308170-6733

Date Started: May 9, 1957
Date Completed: May 11, 1957

Location: Sec. 15, T. 8 N., R. 19 W., M. I., 1/4 sec., T. 10 N., R. 10 E., 1/4 sec.

Type of well: Drilled
Equipment used: Churn drill

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

Industrial [ ] Drainage [ ] Other: [ ]

Casing:
Surface to 60 ft. Type: Common, Liquid 5"

Casing: ft. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. to Ft.

Type of screen or perforations:

Static Water level, for non-flowing well: 19 ft.

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

Pumping water level: 38 ft.

How tested: Compression

Length of test: 2 hr.

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

__________________________________________

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sur. to 3 ft</td>
<td>2 ft. sand</td>
</tr>
<tr>
<td>2 ft. to 17 ft</td>
<td>coarse gravel</td>
</tr>
<tr>
<td>17 ft. to 58 ft</td>
<td>sand and gravel with clay mixture</td>
</tr>
<tr>
<td>59 ft. to 46 ft</td>
<td>sand and gravel, water bearing</td>
</tr>
<tr>
<td>Sec.</td>
<td>Name of Appropriator</td>
</tr>
<tr>
<td>------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>26</td>
<td>E.L. Trent Farms</td>
</tr>
<tr>
<td>26</td>
<td>J.C. Trent Farms</td>
</tr>
</tbody>
</table>

County: Deer Lodge  
Twp.: 3N  
Rge.: 2W
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Driller: Bill Hennesey
Date of Notice of Appropriation of Groundwater:
Date well started: Nov 18/63. Date Completed: Nov 28/63
Type of well: Drilled
Equipment Used: Above
(Churn, drill, rotary or other)

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

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

---

<table>
<thead>
<tr>
<th>Rise of Drilled Hole</th>
<th>Rise and Weight of Column</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>63/6&quot;</td>
<td>75.0</td>
<td>59.0</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well...
Shut-in Pressure for Flowing Well...
Pumping Water Level...
Discharge in g.p.m. 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 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 Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.