STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. H. H. Cain of Route One, Bozeman
   County of Gallatin, 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 or Commercial

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   40 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
   Stockwater Garen, Shop

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
   Date unknown

8. The depth of water table
   15 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
   Drilled well 8 inch casing 25 feet deep

10. The estimated amount of groundwater withdrawn each year
    0

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
    Unavailable

Signature of Owner

H. H. Cain

Dated: Dec. 29, 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 Gallatin

Filed

June 31, 1893

at 10:45 o'clock A.M.

Carl Johnson

Clarence G. Miller

Fee $3.00
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

**Name of Appropriator:** Harold Catm  
**Address:**  
**Town:** Bozeman  
**County:** Gallatin  
**State:** Montana

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

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

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

2. **Date or approximate date of earliest beneficial use:** March 1961

3. **The amount of groundwater claimed (in miner’s inches or gallons per minute):** 20 gal per min

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:**

6. **The depth of water table:** 14 feet

7. **The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:** March 18, 1961

8. **The estimated amount of groundwater withdrawn each year:**

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

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

**Signature of Owner:** Harold Catm  
**Date:** 19 February 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 | ss.
County of Gallatin | ss.

Filed: February 26, 1964
at 2:15 o'clock P.M.

Karl Walton

By: ________________________

Fee $2.00 pd.

#1835
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: John Doe
Address: 123 Main St., Bozeman, Mont.

Date of Notice of Appropriation of Groundwater: Nov. 24, 1962
Date Well Started: Nov. 24, 1962
Date Completed: Dec. 9, 1962

Type of Well: Drilled
Equipment Used: Crew

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

Type of Well Drilled: Drill
Equipment Used: Crew

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

**Notice of Completion of Groundwater Appropriation by Means of Well**

<table>
<thead>
<tr>
<th>Date of Notice of Appropriation of Groundwater</th>
<th>Nov. 24, 1962</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Well Started</td>
<td>Nov. 24, 1962</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Dec. 9, 1962</td>
</tr>
<tr>
<td>Type of Well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Equipment Used</td>
<td>Crew</td>
</tr>
<tr>
<td>Water Use</td>
<td>Domestic □ Municipal □ Other □ Irrigation □ Industrial □ Drainage □ Stock □</td>
</tr>
<tr>
<td>Well Depth</td>
<td>15 ft</td>
</tr>
<tr>
<td>Static Water Level</td>
<td>15 1/2 ft</td>
</tr>
<tr>
<td>Shut-in Pressure for Flowing Well</td>
<td>15 1/2 ft</td>
</tr>
<tr>
<td>Pump Pressure for Flowing Well</td>
<td>15 1/2 ft</td>
</tr>
<tr>
<td>Discharge in gal. per min. of flowing well</td>
<td>15 1/2 ft</td>
</tr>
<tr>
<td>How Tested</td>
<td>Pump</td>
</tr>
<tr>
<td>Length of Test</td>
<td>12 hrs</td>
</tr>
<tr>
<td>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)</td>
<td>15 1/2 ft</td>
</tr>
</tbody>
</table>

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.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 35, Montana Session Laws, 1961)

Owner: Jack C. Bockman
Address: 403 Garden
Montana

Driller: Harold H. Malbet
Address: 142 As Egan Avenue

Date of Notice of Appropriation of Groundwater: July 2, 1961
Date Well Completed: July 9, 1961

Type of Well: Dug

Equipment Used: Chuck

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing (Feet)</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 ft.</td>
<td>6 ft.</td>
<td>0</td>
<td>37 ft.</td>
</tr>
<tr>
<td></td>
<td>14 ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 9 feet
Shut-In Pressure for Flowing Well:
Pumping Water Level: 11 feet at 30 gal. per minute.
Discharge in gal. per min. of flowing well:
How Tested: Balance Length of Test: This
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number
Driller's Signature

Approved Stock Form—State Publishing Co., Helena, Montana 59626

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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.
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>A. B. Carter</td>
</tr>
<tr>
<td>Address</td>
<td>415 Portland Ave.</td>
</tr>
<tr>
<td>Driller</td>
<td>Jones</td>
</tr>
<tr>
<td>Date Started</td>
<td></td>
</tr>
<tr>
<td>Date Completed</td>
<td>Dec 5, 1959</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 14, T. 21, R. 4 E, S. Gallatin, Montana</td>
</tr>
</tbody>
</table>

**Type of Well**
- [ ] Dug
- [ ] Artesian
- [x] Drilled

**Equipment Used**
- [ ] Chisel drill
- [ ] Rotary
- [ ] Other:

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

**Casing**
- [ ] to ft.  
- [ ] to ft.  
- [ ] to ft.  

**Perforated or Screened**
- [ ] to ft.  
- [ ] to ft.  

**Static Water Level**

**Shut-In Pressure**

**Pumping Water Level**

**How Tested**

**Length of Test**

**Remarks**

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

(over)
Feet
Top
0 to 6 - top soil, dirt
6 to 26 - sand, gravel, rock
# WATER WELL LOG

**Owner:** R. D. Christopher  
**Address:** Bozeman  
**Driller:** M. F. Jones  
**Address:** Bozeman  
**Date Started:** May 18, 1960  
**Date Completed:** May 19, 1960  
**Location:** Sec. 14 T. 28 R. 46 W. 1/4  

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Churn Drill</td>
</tr>
</tbody>
</table>

- **Water use:** Domestic, Irrigation  
- **Type of well:** Drilled  
- **Equipment used:** Churn Drill  
- **Casing:** Surface to 32 1/2 ft.  
  - Type: Black Steel  
  - Size: 6 1/2 x 15 sq. in.  
- **Perforated or Screened:** N/A  
- **Static Water level, for non-flowing well:** 8 feet  
- **Shut-in pressure, for flowing well:** 15 lb./sq. in. on  
- **Pumping water level:** 32 1/2 feet at 20 gal. per min  
- **How tested:** Pump  
- **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 7'</td>
<td>Topsoil</td>
</tr>
<tr>
<td>2' to 36'</td>
<td>Gravel + Sand</td>
</tr>
<tr>
<td>36' to 32'</td>
<td>Loose Sand</td>
</tr>
<tr>
<td>32' to 33'</td>
<td>Fine Gravel</td>
</tr>
</tbody>
</table>
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: B. O. DesHaw

Address: 903 N. 15th St. Bozeman, Mont.

Date well started: 1961

Completed: 1961

Type of well: De. 115-D

Equipment used: (Drill, shovel, level or drills)

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>Size and Weight of Driller</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>Depth (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PERFORATIONS

<table>
<thead>
<tr>
<th>Kind</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level 10 ft.

Pumping water level 4 ft.

at 20 gallons per minute, measured from ground level. Measured from ground level.

Well developed by

for ______ hours.

Power: Pump: HP

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

Driller's Signature: Jan Lyken Drilling Co

Driller's Address: Bozeman, Mont.

LICENSE NO.

COUNTY: Gallatin

Lot 79, 80, 81, 82 Gallatin Subdivision

RECEIVED 26-4E JUL 5 1973

Show exact depth of bottom 3"
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Owner: Rudolph D. Dwight
Address: 113-13 Roosevelt

Date of Notice of Appropriation of Groundwater: 1-9-67

Date Well Started: 1-3-67

Date Completed: 1-3-67

Type of Well: Drilled (dug, driven, bored or drilled)

Equipment Used: 2 drives

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

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

Static Water Level for non-flowing Well: 7 feet

Shut-in Pressure for Flowing Well: 40 psi

Pumping Water Level: 80 feet at 80 gal. per minute.

Discharge in gal. per min. of flowing well: 800

How Tested: Chemical

Length of Test: 25 hrs

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


Driller's License Number

Driller's Signature

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

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

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

STATE ENGINEER

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Doe</td>
<td>Bigman</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Drilled</th>
<th>Address</th>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Doe</td>
<td>Bigman</td>
<td>Nov 10/57</td>
<td>Nov 11/57</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>Sec</th>
<th>T</th>
<th>R</th>
<th>Sec</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>14</td>
<td>24</td>
<td>46</td>
<td>34</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Water use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing</th>
<th>ft. to</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>28</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing</th>
<th>ft. to</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing</th>
<th>ft. to</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened</th>
<th>Ft. to Ft.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Static water level, for non-flowing well</th>
<th>feet</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Pumping water level</th>
<th>feet at</th>
<th>gal. per min.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>18</td>
<td>20</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How tested</th>
<th>Length of test</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bailey</td>
<td>1 hr.</td>
</tr>
</tbody>
</table>

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>28</td>
<td>All sand, gravel, Boulders</td>
</tr>
<tr>
<td>Form No. 18</td>
<td>T. 3 S. R. 4 E.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>County: Gallatin</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG
STATE ENGINEER

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charlie and Eugene Austin</td>
<td>Bozeman, Mont.</td>
</tr>
</tbody>
</table>

Driller Address 1

Date Started 1925

Date Completed

Location: Sec. 14 T. 9 S. R. 4 E. 1 sec. Brush Sub-Dir.

Type of well

<table>
<thead>
<tr>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
</table>

Equipment used

<table>
<thead>
<tr>
<th>Chime, drill, rotary, other</th>
</tr>
</thead>
</table>

Water use:

<table>
<thead>
<tr>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Industrial</th>
<th>Drainage</th>
<th>Other</th>
</tr>
</thead>
</table>

Casing: 14 ft. to __ ft. Type __ Size __ inches __

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: __ 1/3 __ feet.

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

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)
Gallatin County, State of Montana.

Filed: Dec 19, 1961
at: 3:19 o'clock M.

C. Hall
COUNTY CLERK & RECORDER

By: AD

Fee: $2.00
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Sessions Laws, 1961)

Owner: James S. Lena
Address: Route 1, Bismarck

Date of Notice of Appropriation of Groundwater: June 13
Date well started: June 19
Date well completed: June 27

Type of well: Drilled
Equipment Used: Churn

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, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Drilling</th>
<th>From (Feet)</th>
<th>To (Feet)</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 __
Pumping Water Level __feet at __gal. per minute.
Discharge in gal. per min. of flowing well __
How Tested: __
Length of Test __

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

Driller's License Number:
Driller's Signature:

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

(under Chapter 237, Montana Session Laws, 1991)

William Joseph & Dorothy May Hathaway
Owner: William Joseph
Address: Monte Carlo

Driller: Harold Hallstatt
Address: Bole

Date of Notice of Appropriation of Groundwater: ________________

Date well started: ________________ Date Completed: ________________

Type of well: Drilled
Equipment Used: ________________
(Chisel, 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>Strata Met</th>
<th>Character</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rock</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>Water Bearing Strata</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well ________________ feet.

Shut-in Pressure for Flowing Well ________________ feet.

Pumping Water Level ________________ feet at ________________ 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 similar pertinent information, including number of acres irrigated, if used for irrigation).

None

Driller’s License Number

Driller’s Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Form No. 18

T. 25 R. 4E

Montana Bureau of Mines and Geology

Butte, Montana

Water Well Log

Owner

Edwin Mercury
Address 6697 Rigeman

Driller

Van Dyke Drilling
Address Rigeman

Date Started

9/22/61
Date Completed

9/25/61

Location:

Sec. 14 T. 25 R. 4E 1 sec. 16 314

Type of well: Drilled

Equipment used: Cable Tote

(Dug, driven, bored, or drilled)

Water use:

Domestic ✔ Municipal □ Stock □ Irrigation □

Industrial □ Drainage □ Other □

Casing:

0 ft. to 27'10" ft.

Type: PVC steel

Size: 6" x 0.017" P.E.

Casing:

□ ft. to □ ft.

Type: □

Size: □

Casing:

□ ft. to □ ft.

Type: □

Size: □

Perforated or screened: □ to □ ft. □ to □ ft.

Type of screen or perforations:

Static water level, for non-flowing well:

4 feet.

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

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

How tested:

□

Length of test: □ 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>6 to 12</td>
<td>Soil clay</td>
</tr>
<tr>
<td>12 to 26</td>
<td>Gravel stone</td>
</tr>
</tbody>
</table>
**WATER WELL LOG**

**Owner**: Jack Wiltz  
**Address**: Butte, Montana

**Driller**: Harold Wiltz  
**Address**: Butte, Montana

**Date Started**: April 21, 1960  
**Date Completed**: April 27, 1960

**Location**: Sec. 14 T. 25 R. 4E Lot 66, Rainbow Sub-Div., Bozeman Hot Springs Tract

---

**Type of well**: Drilled  
**Equipment used**: Chain

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

**Casing**: 0 ft. to 33 ft.  
**Type**: Steel  
**Size**: 6 1/2 in.  

**Casing**:  
**Type**:  
**Size**:  

**Perforated or Screened**:  
**Type**:  
**Size**:  

**Type of screen or perforations**:  

**Static Water level**, for non-flowing well: 15 feet.  
**Shut-in pressure**, for flowing well: [ ] lb./sq. in. on: [ ]

**Pumping water level**: 15 feet at 20 gal. per min.  
**How tested**: Bailey

**Length of test**: [ ]

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

---

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-1</td>
<td>Dail</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1-30</td>
<td>Gravel, broken sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30-31</td>
<td>Clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>31-35</td>
<td>Water C.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: David A. Jones
Driller: John D. Jones

Date well started: July 1, 1961
Date completed: July 1, 1961

Type of well: Drilled
Equipment Used: Chimes, drill, rotary or other

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

Table:

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and Weight of Casing</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>Skin</th>
<th>Effluent</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N 60'</td>
<td>141'00</td>
<td>0</td>
<td>21'</td>
<td>4</td>
<td>none</td>
<td>4</td>
<td>none</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 8 feet

Shut-in Pressure for Flming Well: 45 feet

Pumping Water Level: 12 feet at 35 gal. per minute.

Discharge in gal. per min. of flowing well: 25 gal.

How Tested: Driller's Length of Test: 25 ft

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

Driller's License Number: 47
Driller's Signature: J. D. Jones

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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

CARLE JONES

County of GALLATIN
State of MONT

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

1. The type of ground water, if not surface water, is:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 3/16/61

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 36 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: Has been irrigated 10 acres, land owned by C. Jones

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

7. The date of commencement and completion of the construction of the well(s), or other works for withdrawal of groundwater: 12/25/61 - 11/61 completed: 12/25/61

8. The depth of water table: 96 ft to 114 ft

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

10. The estimated amount of groundwater withdrawn each year: 133,725 gallons

11. The log of formation 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: C. JONES

Date: 4/14/63

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 Appropriator.
STATE WATER CONSERVATION BOARD

JAN 28 1955

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: CARROLL KEMP
Address: BOZEMAN MONT

Driller: POITS DRILLING
Address: BOZEMAN MONT

Date of Notice of appropriation of groundwater: JAN-10-66

Date well started: JAN-10-66
Date completed: JUN-13-66

Type of well: DRILLED
Equipment used: Cable Tool

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>Permeability</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bottom</td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>18-24</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand + Gravels</td>
<td>30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rock &amp; Gravels</td>
<td>12-18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dirty Course Gravels</td>
<td>0-13</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dirty Course Rocks</td>
<td>12-18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Topsoil</td>
<td>0-1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 19 ft.

Pumping Water Level: 19.28 ft.

Discharge in gal. per min. of flowing well: 30 gal. per minute.

How Tested: BAILER
Length of Test: 1 1/2 HR

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

Tracts 433,434, Rainbow Subdiv. Bozeman Hot Springs

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, times copy to be retained by driller.

Please answer all questions. If not applicable, no space, otherwise the form will be returned.

Driller's License Number

Driller's Signature

1570
# Declaration of Vested Groundwater Rights

*Under Chapter 237, Montana Session Laws, 1961*

1. **Jack O. Kyle**  
   (Name of Appropriator)  
   of P.O. Box 217, Bozeman, Mont.  
   (Address)  
   (Town)  
   County of Gallatin  
   State of Montana  
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<p>| | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based  
   **household, yard, and garden**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.  
   **June 1958 continuous**

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.  
   **1/4 acre - lawn and garden**  
   **Jack O. Kyle**

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

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

8. The depth of water table  
   **32 feet to bottom of well, water level 8 feet below surface**

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.  
   **6" steel casing 38 feet deep**

10. The estimated amount of groundwater withdrawn each year.  
    **700,000 gallons**

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.  
    **Property located as follows:**  
    North 100 feet of tract 453 and north 100 feet of west 10 feet of tract 452 Rainbow Subdivision, Bozeman Hot Springs Tract  
    **Signature of Owner**
    **Date December 30, 1963**

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

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

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

Owner: Todd and Dionne Lippard
Address: Route 2, Bozeman, Mt.

Driller: Harold Hubert
Address: Route 2, Bozeman

Date of Notice of Appropriation of Groundwater:

Date well started: July 19, 1966
Date Completed: July 20, 1966

Type of well: Drilled
Equipment Used: Churn

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

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

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and</th>
<th>From</th>
<th>To</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled Hole</td>
<td>Wealth of</td>
<td>Date</td>
<td>Date</td>
<td></td>
</tr>
<tr>
<td>7 ft</td>
<td>6 5/8</td>
<td>0.0 D</td>
<td>27</td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 6 feet

Shut-in Pressure for Flowing Well: 15 feet at 80 gal per minute

Pumping Water Level: 12 feet

Discharge in gal. per min. of flowing well: 

How Tested: Pump
Length of Test: 4 hrs

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

Driller's License Number

Driller's Signature

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

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 275, Montana Revised Laws, 1945)

Owner: Harold H. Hart
Address: Box 10, Huntley, MT
County: Huntley
State: Montana

Date of Notice of Appropriation: 1955

Type of Well: Groundwater

Water Use: Domestic

Remarks:

(Chisel plowing, cultivating, pasturing, type of operation, purpose of use of groundwater; if not answered, add other similar pertinent information, including acres irrigated, if used for irrigation)

Driller's License Number: 2523
Driller's Signature: Harold H. Hart

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, no 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, as amended)

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**STATE WATER CONSERVATION BOARD**

**Notice of Completion of Groundwater Appropriation by Means of Well**

**OWNER**

HIGHWAY DEPT.  HELENA, MONTANA

**DRILLER**

VAY DYKES DRILLING CO.  BOX 90, BILLINGS, MONTANA

**DATE OF NOTICE OF APPROPRIATION OF GROUNDWATER**

**DATE WELL STARTED**

**DATE COMPLETED**

**TYPE OF WELL**

Drilled  Equipment used: Cable tool

**WATER USE**

Domestic  Municipal  Stock  Irrigation  Other

Type of well: Drilled  Equipment used: Cable tool

**NATURAL WATER LEVEL**

**SHT-IN PRESSURE FOR FLOWING WELL**

**PUMPING WATER LEVEL**

at  gal. per minute.

**DISCHARGE IN GAL. PER MIN. OF FLOWING WELL**

**TEST PUMP**

**LENGTH OF TEST**

4 hrs.

**REMANTS**

(Gravel pack, cementing packers, type of shutoff). Pullled clay and bentonite shutoff outside of casing from 0' to 40'.

Show exact depth of bottom.

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

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

**LICENSE NO. 1**

Driller's License Number

Bert Van Dykes

Driller's Signature

47402
Notice of Completion of Groundwater Appropriation by Means of Well

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

Owner: M. Marshall & Laura PHIPPS
Address: Route 1, Box 78

Driller: Harold Gulbert
Address: Box 78

Date of Notice of appropriation of groundwater: May 11, 1970

Date well started: May 11, 1970
Date completed: May 20, 1970

Type of well: Drilled
Equipment used: Cable Tool
(Drag, 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.

In Tract 453, Rainbow Subdivision of
Bosman Hot Springs Tr acts.

<table>
<thead>
<tr>
<th>Size of Diameter</th>
<th>Size and Shrinkage of Casing</th>
<th>From Surface</th>
<th>To Water</th>
<th>Preparations</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 ft.</td>
<td>19 lb.</td>
<td>10 ft.</td>
<td>33 1/2 ft.</td>
<td>None</td>
</tr>
</tbody>
</table>

Stat: Water Level for non-flowing well

10 ft. feet

Shut-in Pressure for Flowing Well

14 ft. feet

Pumping Water Level

at 40 gal. per minute.

Discharge in gal. per min. of flowing well

Bailer & Pump

How Tested

Length of Test

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

Ink Tested

(Continue on reverse side)

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

Driller's License Number

Driller's Signature

File No.

Duplicate

Log

Top of Ground
(Elev. above sea level)

0-4 sand
4-83 rock & gravel
27-8 rock & clay
33-34 sand
54-56 sand & gravel water
34 ft. bottom of well

Declared by

Driller's License Number

Driller's Signature

46511
State of Montana  
County of Gallatin  
Filed May 18, 1970  
at 10:00 a.m.  
Clerk & Recorder  
By:  
Fee $22.50  
#2784
WARRANTY DEED

(JOINT TENANCY)

For Value Received, WILLIAM MARSHALL PHIPPS and LAURA M. PHIPPS,
husband and wife, of Bozeman, Montana,

CONTRARY TO, do hereby grant, bargain, sell, convey and confirm unto

W. LOCKART and EVELA J. LOCKART, husband and wife, of

Bozeman, Montana,

the following described tract of land situated and lying in the State of Montana, and more particularly described as follows:

That portion of Tract 463 located in Rainbow Subdivision of Bozeman Hot Springs Tract in Gallatin County, Montana, described as follows:

Commencing at the Southeast corner of said Tract 463; thence for a distance of 285 feet East along the West boundary line of said Tract to the point of beginning; thence for a distance of 80 feet continuing along the West base of said Tract; thence East for a distance of 94 feet, thence South for a distance of 80 feet along the West boundary of said Tract; thence West a distance of 94 feet to the place of beginning:

The above described tract is subject to any easement for roadway, together with any other easements for utilities or rights of way as shown by the records of the County Clerk and Recorder of Gallatin County, Montana.

TOGETHER WITH a certain well located upon the above described premises which provides the domestic water to the residence located thereon.

AND TO HOLD the said premises, with their appurtenances, the said Grantors, as

their heirs, assigns, and with right of possession (and not as tenants in common) and their assigns, and to the heirs

and assigns of said Grantors, and the said Assignees, and their assigns, forever. And the said Grantors

do hereby warrant to and with the said Grantor, that they are

the owners

of the above described premises; that they are free from all liens whatsoever.

Date: May 11, 1970.

WILLIAM MARSHALL PHIPPS

LAURA M. PHIPPS

[Signature]

N. S. 306

COUNTY OF MONTANA, COUNTY OF

Gallatin

This 11th day of May, A.D. 1970, I, a Notary Public in and for said County, Montana, personally appeared before me, \n
WILLIAM MARSHALL PHIPPS and \n
EVELA J. LOCKART, whose names I know to be true, and \n
subscribed their names to this Instrument.

I have caused the same to be executed in the presence of the above named parties.

COUNTY OF MONTANA, COUNTY OF

Gallatin

This 11th day of May, A.D. 1970, I, a Notary Public in and for said County, Montana, personally appeared before me, \n
WILLIAM MARSHALL PHIPPS and \n
EVELA J. LOCKART, whose names I know to be true, and \n
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Gallatin

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Gallatin

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EVELA J. LOCKART, whose names I know to be true, and \n
subscribed their names to this Instrument.

I have caused the same to be executed in the presence of the above named parties.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 527, Montana Session Laws, 1961)

Owner: Pat Remier
Address: Pie 1 - Boxman

Driller: Donald C. James
Address: 3202 Medicine Bow

Date of Notice of appropriation of groundwater:

Date well started: June 3, 1948
Date completed: August 1, 1948

Type of well: Bored (Drilled, bored or drilled)

Equipment used: Chisum Drill

Water use: Domestic

Indicate 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>Water level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand</td>
<td>Gravel</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well __ feet.
Shut-in Pressure for flowing well __ feet
Pumping Water Level __ feet
Discharge in gal. per minute.

Length of Test __ hours

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

Lot 371 Rainbow Subdivision

Show exact depth of bottom.

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
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

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 may be returned.

Owner: Patrick and Sharon Reiniers
Address: R#1 Box 104, Boyman
Contractor (if any): ""
Address of Contractor: ""
Date Started: June 29, 1971 Date Completed: ""

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drain, etc) drain from Boyman Hot Spring

2. Means of withdrawing water (gravity, pump, canal, etc) pump

3. Depth of water table: ""

4. Use of the water: irrigation

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 50 inches

6. If used for irrigation, give number of acres and description of land: 1/2 acres

7. Estimate amount of water used each year: 200 inches

8. Months of year spring flows: year around

Signature of Owner: Patrick S. Reiniers
Date: 6/29/71
WATER WELL LOG

Owner: H. O. Malcom
Address: 1211 E. Main

Driller: Weyer Drilling Co.
Address: Bozeman

Date Started: Nov. 28, 1987
Date Completed: Nov. 28, 1987

Rainbow Tract 452

Location: Sec. 14 T.25 N. 4E

Type of well: Bored
Equipment used: Cable Tools

Water use: Domestic ✗
Municipal ❑
Stock ❑
Irrigation ❑

Industrial ❑
Drainage ❑
Other: ❑

Casing: 0 ft. to 29'6" ft.
Type: Reinforced Steel
Size: 6" OD. 17#

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

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

Type of screen or perforations:

Static Water level, for non-flowing well: 16 feet
Shut-in pressure, for flowing well: lb/sq. in. on: (date)

Pumping water level: 3 ft. above down: 4 ft. at 4.5 gal. per min.

How tested: (over)

Length of test: 1 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>0 to 296'</td>
<td>All sand and gravel. Beulena</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: E. M. 
Address: Bowman 
Route 1, 

Driller: Harold B. Wallis 
Address: 
Route 1, 

Date of Notice of Appropriation of Groundwater: 
Date well started: 
Date well completed: 

Type of well: Drilled 
Equipment Used: (Cone, drill, rotary or bored)

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>Strata Weight of Gravel</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>Incorporations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.200</td>
<td>0</td>
<td>25</td>
<td></td>
</tr>
</tbody>
</table>

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

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

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

Driller's License Number: 
Driller's Signature: 

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

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

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

Filed: Nov 7, 1963

Ex Parte

By

Fee $27.50
Form No. 18
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

Owner: William Shunk
Address: 94 Callahan Gateway

Driller: William Shunk
Address: 94 Callahan Gateway

Date Started: 7/3/60
Date Completed: 1/20/61

Location: Sec. 1 T. 2 R. 4E ¼ sec. 5

Type of well Log & driven: Equipment used Shovel & hammer

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

Industrial [ ] Drainage [ ] Other [ ]

Casing: ft. to 16 ft. Type Gal/ Size

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened: Ft. 16 to ft. 18. Ft. to ft.

Type of screen or perforations: sand point

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

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

Pumping water level feet at gal. per min.

How tested: Electric pressure pump

Length of test: hr.

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

<table>
<thead>
<tr>
<th>Depth (Feet)</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td><strong>Surface</strong> 5′</td>
<td>DIRT</td>
</tr>
<tr>
<td>5′</td>
<td>14′</td>
</tr>
<tr>
<td>14′</td>
<td>19′</td>
</tr>
</tbody>
</table>

Gillespie County, 1951
State of Montana, 1951

By

[Signature]

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

WATER WELL LOG

| Owner          | Art Thompson          |
| Driller       | Harold Hubert          |
| Location      | Section 4, T.25, R.45, W.45, S.4 |
| Date Started  | June 10, 1961          |
| Date Completed| June 25, 1961          |

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment</td>
<td>Churn</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Casing Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel</td>
<td>4 1/2&quot; OD 15#</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing Type</th>
<th>Size</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Perforated</th>
<th>Screened</th>
</tr>
</thead>
</table>

| Static Water level, for non-flowing well: | 12 feet |
| Shut-in pressure, for flowing well: | lb/sq. in. on: |
| Pumping water level: | 13 feet at 20 gal. per min |
| How tested: | BAILER |
| Length of test: | 2 hours |

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 5</td>
<td>Soil &amp; Clay</td>
</tr>
<tr>
<td>5 - 16</td>
<td>Gravel &amp; Boulder</td>
</tr>
<tr>
<td>16 - 22</td>
<td>Sand</td>
</tr>
<tr>
<td>22 - 25</td>
<td>Clay, gravel, then water</td>
</tr>
</tbody>
</table>

Log of Well

Saline County, State of Montana, on 11-16-1981
by Allied Oil Co. A. M.

BELL, MALCOLM, CHIEF A. M.

Signed: S. C. D.

Res: 2,000 Dc.
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 337 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.

James B. & Bonnie L. Williams
Owner

Address

Date well started: 6-25-72

Date well completed: 6-25-72

Type of well: DRILLED

Equipment used: Cable tools

Water Use: Domestic □ Municipal □ Stock □ Irrigation □ 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).

ESTIMATED ANNUAL WITHDRAWAL

Static water level __ ft.*

Pumping water level __ ft.*

at __ 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

Driller's Address

License No.

Show exact depth of bottom

51, 284
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 27, Montana Session Laws, 1961)

Owner: Buell Reed & Eugene E. Reed
Address: Bozeman, Mont.

Driller: Vern Dykman Drilling Co.
Address: Bozeman, Mont.

Date of Notice of Appropriation of Groundwater: N/A
Date Well Started: Sept. 21, 65
Date Well Completed: Sept. 26, 65

Type of Well: Drilled
Equipment Used: Cable tools
(Dig, driven, bored or rotary or drilled)

Water Use:
- Domestic
- Municipal
- Other
- Irrigation

Strata met within drilling, such as soil, clay, shale, gravel, rock or sand, etc.

Depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well:

<table>
<thead>
<tr>
<th>Depth</th>
<th>Strata</th>
<th>Thickness</th>
<th>Character</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ft</td>
<td>Top soil</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 ft</td>
<td>37' Gravels and clays</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17'</td>
<td>37' Gravels and clays</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>37'</td>
<td>Course gravels, 20 G.P.R.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>52'</td>
<td>Course gravels, 30 G.P.R.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>53'</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>53'</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10'</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Top of Ground (Elev. above sea level)

- Static Water Level for non-flowing Well: 22 ft.
- Shut-in Pressure for Flowing Well: None
- Pumping Water Level: 36 ft.
- Discharge in gal. per min. of flowing well: None
- Bailer: 1 hr.
- How Tested: Length of Test

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

<table>
<thead>
<tr>
<th>Date of Notice of Appropriation of Groundwater</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
</tr>
</tbody>
</table>


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.

License No. 1

Driller's License Number

Driller's Signature

3 9847