## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 2</td>
<td>Top soil</td>
</tr>
<tr>
<td>2 - 49</td>
<td>Gravel</td>
</tr>
</tbody>
</table>

[Bottom handwritten notes:]

- Shredded Cotton #1 tone R.
- Red Cotton #2 Tone R.
- In red ink: "2-19-20"
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Date of Notice of appropriation of groundwater</th>
<th>Date well started: Dec. 11-65 Date completed: Dec. 31-65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date well started</td>
<td>Date completed</td>
</tr>
</tbody>
</table>

**Type of well:** Drilled | **Equipment used:** Cable Tools

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>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

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested: **BAILER**

Length of Test: **14 HR**

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

(Continued on reverse side)

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

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

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

**Driller's License Number**

**Driller's Signature**
State of Montana
County of Gallatin

File: 425 7-1905
At 10:45 a.m.

By

Feb 5, 1906
## MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

### WATER WELL LOG

<table>
<thead>
<tr>
<th>Type of well:</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use:</td>
<td>Domestic</td>
<td>Municipal</td>
<td>Stock</td>
<td>Irrigation</td>
</tr>
<tr>
<td>Casing:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shut-In pressure, for flowing well:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pumping water level:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 – 55</td>
<td>Sand and gravel</td>
</tr>
<tr>
<td>57 – 87</td>
<td>Sand and gravel</td>
</tr>
<tr>
<td>87 – 92.5</td>
<td>Sand and gravel</td>
</tr>
</tbody>
</table>

By Signature

Date: 27
## WATER WELL LOG

**Location:** Sec. __, T __ R __, __ sec. __

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

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Dug, driven, bored, or drilled)</td>
<td>(Chisel drill, rotary, others)</td>
</tr>
</tbody>
</table>

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

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

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

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

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

**Pumping water level:** feet at gallons 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: Norman E. Address: 
Driller: Bob Moore Address: 
Date Started: 11-27-1950 Date Completed: 12-31-1950

Location: Sec. 11 T. 12 S. 4 1/2 sec. W. t. x W. 4

Type of well: (Dug, driven, bored, or drilled) Equipment used: (Cable, drill, rotary, etc.)

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

Casing: [ ] ft. to [ ] ft. Type [ ] Size [ ]
Casing: [ ] ft. to [ ] ft. Type [ ] Size [ ]
Casing: [ ] ft. to [ ] ft. Type [ ] Size [ ]
Perforated or Screened: Ft. [ ] to Ft. [ ] to Ft. [ ] to Ft. [ ]
Type of screen or perforations: __________________________
Static Water level, for non-flowing well: [ ] feet
Shut-in pressure, for flowing well: __________________________ (lb/sq. in. on: __________________________ (date)
Pumping water level: 2 feet at 14 gal. per min.
How tested: __________________________
Length of test: __________________________
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) __________________________

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 2</td>
<td>Top Soils</td>
</tr>
<tr>
<td>2 - 44</td>
<td>Gravel &amp; Boulders</td>
</tr>
</tbody>
</table>

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: 
Address: 
Driller: Harold Halley
Address: 
Date of Notice of Appropriation of Groundwater:
Date well started:
Date well completed:
Type of well: Drilled
Equipment Used: churn
Water Use: Domestic
Industrial
Municipal
Drainage
Stock
Irrigation

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which 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>1&quot;</td>
<td></td>
<td>4</td>
<td>24</td>
<td>none</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well

Shut-in Pressure for flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

Length of Test

Remarks:

Driller's License Number

Driller's Signature

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

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

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

Filed June 26, 1967
at 1:00 p.m.

By J. Morris
Deputy

Fee $2.00

# 346
WATER WELL LOG

Owner: John H. Johnson  Address: 333 Main St, Butte, Montana
Driller: Van Dyken Drilling Co.  Address: 201 Broadway, Butte, Montana
Date Started: Sep 16, 1963  Date Completed: Sep 21, 1963
Location: Sec. 11 T. 2 S R. 5 E  \( \frac{1}{4} \) sec.

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Equipment Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td></td>
</tr>
</tbody>
</table>

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

Casing:  0 ft. to 34.8 ft.  Type: |w|w|w|w|w|w|w|w|
Size: 6 "  9"  17"  9 ft.  E.

Casing:  0 ft. to 0 ft.  Type:  
Size: 

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

Type of screen or perforations: 

Static Water level, for non-flowing well:  100 feet.
Shut-in pressure, for flowing well:  1 lb./sq. in. on:  (date)

Pumping water level: 18 feet at 20 gal. per min.

How tested:  

length of test:  1 ft.

Remarks:  (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<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 - 3</td>
<td></td>
<td></td>
<td>Top soils</td>
</tr>
<tr>
<td>3 - 35</td>
<td></td>
<td></td>
<td>Sand, gravel, breccia. Subterranean is sealed off and done non perforating.</td>
</tr>
</tbody>
</table>

Log of Well

By: [Signature]

Date: May 2, 1945

Place: [Place Name]
## MONTANA BUREAU OF MINES AND GEOLOGY
### Watertown, Montana

### WATER WELL LOG

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>(Driven, bored, or drilled)</td>
</tr>
<tr>
<td>Municipal</td>
<td>(Charn drill, rotary, other)</td>
</tr>
<tr>
<td>Stock</td>
<td></td>
</tr>
<tr>
<td>Irrigation</td>
<td></td>
</tr>
<tr>
<td>Industrial</td>
<td></td>
</tr>
<tr>
<td>Drainage</td>
<td></td>
</tr>
<tr>
<td>Other:</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>
<th>Industrial</th>
<th>Drainage</th>
<th>Other:</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft. to Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of screen or perforations:</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>feet</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>lb. sq. in. on:</th>
<th>(date)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pumping water level:</td>
<td>feet at</td>
<td>gal. per min.</td>
</tr>
<tr>
<td>How tested:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>P. H. Travis</td>
<td>B. - E. D. 71</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>W. E. Johnson</td>
<td>B. - E. D. 71</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/16/1960</td>
<td>7/19/1960</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location: Sec.</th>
<th>T.</th>
<th>R.</th>
<th>S.</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>1</td>
<td>5</td>
<td>7</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>De, Dr, I</td>
<td>Ch, Sh, Dr</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>X</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Industrial</th>
<th>Drainage</th>
<th>Other:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ft.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
</tr>
</thead>
<tbody>
<tr>
<td>lb/sq. ft.  in. on:</td>
</tr>
<tr>
<td>(date)</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>37</td>
<td>95</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Length of test:</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 1/2</td>
</tr>
</tbody>
</table>

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet (feet)</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From (to)</td>
<td></td>
</tr>
<tr>
<td>1.50 – 2.50</td>
<td></td>
</tr>
<tr>
<td>2.50 – 3.00</td>
<td></td>
</tr>
<tr>
<td>3.00 – 3.50</td>
<td></td>
</tr>
<tr>
<td>3.50 – 4.00</td>
<td></td>
</tr>
<tr>
<td>4.00 – 4.50</td>
<td></td>
</tr>
<tr>
<td>4.50 – 5.00</td>
<td></td>
</tr>
<tr>
<td>5.00 – 5.50</td>
<td></td>
</tr>
<tr>
<td>5.50 – 6.00</td>
<td></td>
</tr>
<tr>
<td>6.00 – 6.50</td>
<td></td>
</tr>
<tr>
<td>6.50 – 7.00</td>
<td></td>
</tr>
<tr>
<td>7.00 – 7.50</td>
<td></td>
</tr>
<tr>
<td>7.50 – 8.00</td>
<td></td>
</tr>
<tr>
<td>8.00 – 8.50</td>
<td></td>
</tr>
<tr>
<td>8.50 – 9.00</td>
<td></td>
</tr>
<tr>
<td>9.00 +</td>
<td></td>
</tr>
</tbody>
</table>

Log of Well

File No. 1000

Earl Walton

F. W. P. D.

By the undersigned, signed

[Signature]

November 22/35

Redated book

File No. 1000
### 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>5</td>
<td>9</td>
</tr>
<tr>
<td>10</td>
<td>26</td>
</tr>
<tr>
<td>26</td>
<td>37</td>
</tr>
<tr>
<td>37</td>
<td>50</td>
</tr>
<tr>
<td>50</td>
<td>51</td>
</tr>
<tr>
<td>31</td>
<td>35</td>
</tr>
<tr>
<td>35</td>
<td>36</td>
</tr>
<tr>
<td>36</td>
<td>39</td>
</tr>
<tr>
<td>39</td>
<td>49</td>
</tr>
</tbody>
</table>

---

File: 12135
Date: November 9
File: 12135
Date: November 9

*Earl Walton*
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Eugene H. Holz
(Name of Appropriator)

County of
(State)

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

1. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Dec. 1953

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: Jan. 1, 1954 steady

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 15 gal. per min.

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: 3 ac. farm

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Dec. 1953

8. The depth of water table: 8

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: Installed to casing 40 deep

10. The estimated amount of groundwater withdrawn each year: 130,750

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

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: Not known

Signature of Owner: Eugene H. Holz
Date: 12-26-63

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.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: 
Address: 

Driller: 
Address: 

Date of Notice of Appropriation of Groundwater: 

Date well started: 
Date completed: 

Type of well: Drilled 
Equipment Used: Chisel Drill 
(dug, driven, bored or drilled) 

Water Use: Domestic 
Irrigation 
Industrial 
Municipal 
Stock 
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 water rises in the well.

<table>
<thead>
<tr>
<th>Depth of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Evidences of Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6x4 00</td>
<td>1'</td>
<td>4'</td>
<td></td>
</tr>
</tbody>
</table>

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

How Tested: Pump 
Length of Test: 1/2 hr. 45 min.

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)

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

Show exact depth of bottom.

Driller's License Number
Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. **JOSEPH H. UHLRICH**
   - **Name of Appropriator**
   - **R. #1, Box 58**
   - **Address**
   - **County of**
   - **State of 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>S</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Sept. 15, 1954

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 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: Jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Completion private September 15, 1954

8. The depth of water table: 9 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: 8 inch casing 46 feet deep second water table Van Dyken well drillers

10. The estimated amount of groundwater withdrawn each year: 350,000 gallons

11. The log of formations encountered in the drilling of each well if available: N/A 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: December 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
1634

Colton Co. Inc.
Savannah, Mo.

File: Dec. 31, 1963

Clerk: Earl Halton

By: G.R.

Acc. 20c
<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Castle Tools</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use:</td>
<td>Domestic [x]</td>
<td>Municipal [ ]</td>
<td>Stock [ ]</td>
</tr>
<tr>
<td></td>
<td>Industrial [ ]</td>
<td>Stock [ ]</td>
<td>Irrigation [ ]</td>
</tr>
<tr>
<td>Casing:</td>
<td>0 ft. to 6 ft.</td>
<td>Type 1</td>
<td>Size 1</td>
</tr>
<tr>
<td></td>
<td>6 ft. to 12 ft.</td>
<td>Type 2</td>
<td>Size 2</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>0 ft. to 6 ft.</td>
<td>Type 3</td>
<td>Size 3</td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>16 feet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>[lb./sq. in.] (date)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>42 feet at 42 gal. per min.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td>Kalia</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td>1 hr.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Depth, feet</td>
<td>Description of Material Drilled</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>---------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>to 60</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>all sand, boulders (mixed)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Owner: James Wheeler
Address: Rosanna, Montana
Date of Notice of appropriation of groundwater: May 7, 1970
Date completed: July 5, 1970
Type of well: Drilled Equipment used: Cable Tool
Driller: Potts Drilling and Dev. Address: Route 1, Bozeman, Mont.

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.

Static Water Level for non-flowing well: 29 feet
Shut-in Pressure for Flowing Well:

Pumping Water Level: 45 feet
at 85 gal. per minute.

Discharge in gal. per min. of flowing well:

Length of Test: 4 hours
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

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

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

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

[Diagram and table filled in with details]

File No. T 58 35 11
County: Gallatin

GW 2
State of Montana
County of Gallatin

Filed: May 19, 1976
at 10:30 o'clock A.M.

Carl D. Stockton

By: Alba M. Hassig

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

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

James L. Edick, sole owner  
of 278 W. Belvood  
Bryant  

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:  

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.
MONTANA BUREAU OF MINES AND GEOLOGY
BUTTE, MONTANA

WATER WELL LOG

Owner: Roy V. Wiegand  Address: Pt. 1, Bozeman, Mont.
Driller: Van Dyken Drilling Co  Address: Bozeman

Date Started: Dec 2, 1948  Date Completed: Dec 11, 1948

Location: Sec. 11 T. 35 R. 5 E 1/4 sec. 3 E 4 1/2 S

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

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
</table>
| 5 ft. to 18 ft. | Prime Steel | 6 1/2"

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

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
</table>

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

Static Water level, for non-flowing well: 7 ft.
Shut-in pressure, for flowing well: 15 lb. sq. in. on: (date)
Pumping water level: 19 feet at 60 gal. per min.

How tested: Bailer
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</td>
<td>Top soil + Clay</td>
</tr>
<tr>
<td>5' 4&quot;</td>
<td>All boulders, gravel + Sand</td>
</tr>
</tbody>
</table>

Log of Well
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: Ray V. Niemand
Address: Bozeman, MT

Driller: Not applicable
Address: Not applicable

Date well started: May 10, 1965
Date completed: Oct 15, 1965

Type of well: Dug
Equipment: Shovel
(dug, driven, bored or drilled)
(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>Strata Met with</th>
<th>Height (Feet)</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>gravel</td>
<td>8</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: (below surface) 5 feet.
Shut-in Pressure for Flowing Well: Not applicable
Pumping Water Level: 7.4 ft (from surface)
Discharge in gal. per min. of flowing well: Not applicable
How Tested: Pump Discharge Length of Test: 1 hour

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

Small garden

(Dug well) Not applicable
Driller's License Number
Ray V. Niemand
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.

File No. 23  Day of June 19, 1971
A.D. 1971

Filed for record

Original

Approved Stock Form—State Publishing Co., Helena, Montana—1971

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>Elev. above sea level: 4750 ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil</td>
<td>5 ft</td>
</tr>
<tr>
<td>gravel</td>
<td>8 ft (8 ft Hm)</td>
</tr>
</tbody>
</table>

Small square represents 10 acres

Show exact depth of bottom.

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

Filed June 22, 1971
at 3:24 o'clock P.M.

County Clerk & Recorder

Fee $0.25
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Harlan Willem
Address: Boxman

Driller: M.E. Jones
Address: Boxman

Date of Notice of Appropriation of Groundwater: Dec. 20, 1963

Date well started: Dec. 18, 1963

Type of well: Drilled
Equipment Used: Churn Drill

Water Use: Domestic

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

<table>
<thead>
<tr>
<th>Stratum</th>
<th>Depth (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gravel</td>
<td>15</td>
</tr>
<tr>
<td>Clay</td>
<td>10</td>
</tr>
<tr>
<td>Gravel/Clay</td>
<td>30</td>
</tr>
<tr>
<td>Sand Gravel</td>
<td>35</td>
</tr>
<tr>
<td>Clay</td>
<td>40</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 61 feet

Shut-in Pressure for Flowing Well:

Pumping Water Level: 41 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Pump
Length of Test: 15 Hours

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

Driller's License Number: 17
Driller's Signature: M.E. 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.
Chanty of Gallatin

Filed 2006-10-26
at 1:16 PM

County of Gallatin

Court Wilcox

COUNTY CLERK & RECORDER

By

DEPUTY

Fee $2.00
**Water Well Log**

Owner: [Name]  
Address: [Address]  
Driller: [Driller's Name]  
Address: [Driller's Address]  
Date Started: [Date]  
Date Completed: [Date]  
Location: Sec. [Section], T. [Township], R. [Range], S. [Quarter Section]

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to</th>
<th>40 ft.</th>
<th>Type</th>
<th>Size</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>40 ft. to</th>
<th>100 ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or screened:</th>
<th>100 ft. to</th>
<th>120 ft.</th>
<th>120 ft. to</th>
<th>140 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
<th></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: [Pressure] lb./sq. in. on: [Date]

Pumping water level: [Feet] feet at [GPM] gal. per min.

How tested: [Test Method]

Length of test: [Time]

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

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 6</td>
<td>To 2</td>
</tr>
<tr>
<td>2</td>
<td>42</td>
</tr>
</tbody>
</table>

- 6 to 2: Clay
- 2 to 42: Fractured sand and gravel
Notice of Completion of Groundwater Appropriation by Means of Well

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

Owner: Harry Wilson Address: 
Driller: Donald C. Jones Address: Bozeman, Montana

Date of Notice of Appropriation of groundwater: ____________
Date well started: July 6, 1965 Date completed: July 12, 1965

Type of well: Drilled Equipment used: Chuck 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.

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and Weight of Comblng</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PER FORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled Hole</td>
<td>6 in.</td>
<td>6 ft 00</td>
<td>3 ft 4 in.</td>
<td>S4 ft</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
Shut-in Pressure for Flowing Well: N/A
Pumping Water Level: S4 ft feet at 20 gal per minute.
Discharge in gal. per min. of flowing well: N/A
How Tested: Pump
Length of Test: 45 min.
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, tissues copy to be retained by driller.

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

Driller's License Number:
Driller's Signature:

---

Notice of Completion of Groundwater Appropriation by Means of Well

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

Owner: Harry Wilson Address: 
Driller: Donald C. Jones Address: Bozeman, Montana

Date of Notice of Appropriation of groundwater: ____________
Date well started: July 6, 1965 Date completed: July 12, 1965

Type of well: Drilled Equipment used: Chuck 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.

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and Weight of Comblng</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PER FORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled Hole</td>
<td>6 in.</td>
<td>6 ft 00</td>
<td>3 ft 4 in.</td>
<td>S4 ft</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
Shut-in Pressure for Flowing Well: N/A
Pumping Water Level: S4 ft feet at 20 gal per minute.
Discharge in gal. per min. of flowing well: N/A
How Tested: Pump
Length of Test: 45 min.
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, tissues copy to be retained by driller.

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

Driller's License Number:
Driller's Signature:

---
State of Montana
County of Gallatin
Filed July 27, 1966
at 9:30 a.m.

Carl L. Stuck
County Clerk & Recorder
By

Fee $2.00

#1021
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Montana Fish & Game Commission of Helena, (Address) (Town)
   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: Fish Hearing Pond

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: March 30, 1931

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. Not Applicable

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

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

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: /s/ L. J. Clark
Date: 6/16/76

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.
Graham County, k.
State of Missouri, Fa.
Filed: Jan. 16, 1864
at __________ 4:37 o'clock P. M.
Carl Nation
CLERK CLARK & WOODRUFF
By __________ DEPUTY
Fee $2.75
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Henry H. Moore
(Name of Appropriator) 304 N. Western Dr. (Address) Bozeman (Town)
County of Gallatin  State of 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>E</th>
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<tbody>
<tr>
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</tr>
</tbody>
</table>

1. The beneficial use on which the claim is based: **household use yard and garden**

2. Date or approximate date of earliest beneficial use: **Sept 7, 1959**

3. Completely continuous use: **Yes**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **35 gal**

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

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

   1 well located at 304 N. Western Dr.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **Sept 3, 1959 - Sept 7, 1959**

8. The depth of water table: **Well depth: 45 ft**

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: **6 pipe (concrete)**

10. The estimated amount of groundwater withdrawn each year: **Approx. 5000 gal**

11. The log of formations encountered in the drilling of each well if available: **Rock and hard pan**

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: Jane A. Moore**

Date: **Dec 31, 1963**

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Walter A. White
   (Name of Appropriator)
   of 1960 West Endcock
   Bozeman
   (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:

2. The beneficial use on which the claim is based: household, mining, and irrigation

3. Date or approximate date of earliest beneficial use: July 5, 1958

4. The amount of groundwater claimed (in inches or gallons per minute): 18 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:
   Irrigation of lot 10 in block 1 of the 11th subdivision of Bozeman, Lot 75.6' x 125'. Walter A. White

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: a well with an electric pump.
   Well location same as part 5

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   Commencement: July 5, 1958
   Completion: ____________

8. The depth of water table: 10 feet, drawn to 20 feet at 10 Gal. per min

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, fifty feet deep, with a six inch casing.

10. The estimated amount of groundwater withdrawn each year: 130,000 gallons

11. The log of formations encountered in the drilling of each well if available: Sand, gravel and boulders.

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: not applicable

Signature of Owner: ________________________________
Date: 12-30-1963

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.
State of Missouri
County of Gallatin

Filed 12-20-1963
at 11:04 a.m.

Carl Jackson

By

Deb
### WATER WELL LOG

**Owner:** Bozeman High School District  
**Address:** Bozeman

**Driller:** Bert Van Dyken  
**Address:** Bozeman

**Date Started:** May, 1957  
**Date Completed:** May, 1957

**Location:** Sec. 12  
**T. 25**  
**R. 58**  
**1/4 sec. 321/4 NW**

#### Type of well: Drilled  
**Equipment used:** Cable tool

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

#### Casing:  
- **0 ft. to 104 ft.**  
  **Type:** Steel  
  **Size:** 12"

#### Perforated or Screened:  
- **7/16 x 1' slot**

#### Static Water level, for non-flowing well:  
- **8'**

#### Shut-in pressure, for flowing well:  
- **230 lb. per sq.in.**

#### Pumping water level:  
- **15' 6"**  
- **210 gal. per min**

#### How tested:  
- **Bailer**

#### Length of test:  
- **10 hours**

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

- None

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td>To 104</td>
</tr>
</tbody>
</table>
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)

Top of Ground
(Elev. above sea level) 5' Soils and clays.

5' Claybound sand and gravels. Water @ 25'.

64' Cleaner sand and gravels. Less clay binder than above water.

60' Bailed 70 G.P.M.

80' Claybound sand and gravels. Very little water.

80' Bailed 105 G.P.M.

89' Clean sand and gravels. Water.

93' Claybound sand and gravels. Little water.

T.D. 93' 12' 12 3/4" O.D., 0.5" Hall

PERFORATIONS

<table>
<thead>
<tr>
<th>Size of Bailed</th>
<th>She and Weight of Cable</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4&quot;</td>
<td>12'</td>
<td>0</td>
<td>93'</td>
</tr>
</tbody>
</table>

License No 1
Driller's License Number

Driller's Signature

41,628

Show exact depth of bottom.
State of Montana
County of Gallatin ss.
Filed: October 10, 1966 at 2:15 o'clock p.m.
Carl L. Sterley
County Clerk & Recorder
By: N. L. Haskett
Deputy
Fees $
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: M. Alice Eldridge
Driller: J. John Brown
Address: Bismarck, Mont.

Date of Notice of Appropriation of Groundwater

Date well started: Sept. 7, 1962
Date completed: Sept. 7, 1962

Type of well: Drilled
Equipment used: Drill, rotary or bored

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.

Static Water Level for non-flowing Well 10 1/2 feet.
Shut-in Pressure for flowing Well
Pumping Water Level 35 1/2 feet at 35 gal. per minute.
Discharge in gal. per min. of flowing well
How Tested: Length of Test 4 5/16
Remarks: Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation.

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

Show exact depth of bottom.

Driller's License Number
Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
State of Montana
County of Gallatin

Pet April 21, 1966
at 12:35 o'clock p.m.

Z. L. Stucky
County Clerk

Fee $2.00

D. J. McIver
Duty
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth V. Harmon
   (Name of Appropriator)
   (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:

2. The beneficial use on which the claim is based.
   Gardens and lawns

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   1950 Has been used continuously during summer each year since 1950

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   100 gallons per minute June 1 to Sept 30

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.
   Irrigating lawns and garden, Lot 6 Block 22
   Norman B. Beaman
   Kenneth V. Harmon

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   Shallow well pump
   Lot 6 Block 22 Norman B. Beaman

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

8. The depth of water table.
   6 to 8 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.
   3 inch casing 14 feet deep

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

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

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

   Signature of Owner
   Date

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
State of Montana
County of Gallatin
Filed April 18, 1966
at 3:40 P.M.
CO-1 at Stacey
County Clerk & Recorder
By: Lowell C. Murphy
Deputy
Fee $ 10.00
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>Bruce E. &amp; Margaret Bentley</th>
<th>of 438 lat. W</th>
<th>Powell, Wyoming</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name of Appropriator)</td>
<td>(Address)</td>
<td>(Town)</td>
</tr>
</tbody>
</table>

County of WYOMING
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:
   - for domestic use

2. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   - will have been in use about forty years, continuous use.

3. The amount of groundwater claimed (in miner's inches or gallons per minute):
   - 75 gal a minute, about 400 gal per day

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:
   - not used for irrigation

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - electrically operated hand pump, 1 well located under house

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - not known

7. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - electrically operated hand pump, 1 well located under house

8. The depth of water table:
   - wall is about 40 ft. deep

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   - well depth 40 feet

10. The estimated amount of groundwater withdrawn each year:
    - about 400 gal. per day, about 14,000 gal. per year

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

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:
    - The exact date of drilling is not known, water is good, and well has never gone dry. Well located 1507 College Ave., Bozeman, Mont. Gallatin County Tract 12, Sec. 12, TWN 24 NW

Signed by Owner:
Date 12/26/63

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 OF ARKANSAS
County of Gallatin

Filed December 11, 1963
at 1:55 o'clock P.M.

EARL WALTON

By (Signature)

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

Owner: Morris Jaffe  Address: Bozeman, Mont.
Driller: Van Dyken Drilling  Address: Bozeman, Mont.

Date of Notice of Appropriation of Groundwater: None
Date well started: Oct. 1/64  Date completed: Oct. 2/64

Type of well: Drilled  Equipment Used: Cable tools
(dug, driven, bored or drilled)

Water Use: Domestic  Municipal  Other  Irrigation  Car wash

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 Cable</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 6 1/2&quot; O.D. 0</td>
<td>1/2&quot; per ft. Prime steel</td>
<td>41</td>
<td>48</td>
<td></td>
</tr>
</tbody>
</table>

Static water level for non-flowing well: 12′6" feet.
Shut-in pressure for flowing well: None.
Pumping water level: 21′ feet at 30 gal. per minute.
Discharge in gal. per min. of flowing well: None.
How tested: Bailer  Length of test: 1 hr.

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

Driller's License Number
Driller's Signature

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

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

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

Filed: February 3, 1965
at 10:40 o'clock A.M.

CARL L. STUCKY
COUNTY CLERK AND RECORDER

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

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

ALFRED H. and EVA A. KENNEY, 1120 W. BABCOCK BOZEMAN
(Name of Appropriator) (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:

2. The beneficial use on which the claim is based: HOUSEHOLD, LAWN AND GARDEN, IRRIGATION

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: MAY 1946 CONTINUOUS USE SINCE THAT DATE

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 500 GAL. PER HR

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 OF LAWN AND GARDEN

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: SEPT 15 1945 - SEPT 30 1946

8. The depth of water table: 40 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, CASED, 1 INCH CASING

10. The estimated amount of groundwater withdrawn each year: 305,000 GAL PER YA MAXIMAL

11. The log of formations encountered in the drilling of each well if available: 4 FT. TO 10.15 FT. GRAVEL, 20 FT. HARDPAN, 3 FT. BLACK SAND

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
EVA A. KENNEY
Date Dec 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 Quadraplicate for the Appropriator.
State of Montana  
County of Gallatin

Filed: Dec 30, 1963
9:00 A.M.

Carl Walter  
COUNTY CLERK & RECORDER  
By: J. T. Morrow  
DEPUTY

Fee $2.00 PA
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Arthur J. Jurgens

and

F. E. Jurgens

of 2305 W. Babcock

Boxeman

Gallatin County

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 use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been—October, 1885 Daily

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Has never been determined

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof—Not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal—Section 12, 38-58

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

8. The depth of water table—20 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater—Drilled 40 ft. 5 in. casing

10. The estimated amount of groundwater withdrawn each year—Impossible to estimate

11. The log of formations encountered in the drilling of each well if available—Sand and gravel

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

Signature of Owner: Arthur J. Jurgens
Date: March 21, 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.
March 25
3:00 P.M.

Earl Hilton

J. Morrow

Fee $