State of Montana
County of Gallatin
Filed: January 16, 1971
at 9:00 o'clock A.M.
By: Allan W. Neuman
Deputy
Fee: $1.00
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.

Owner:
Address: Helena, Mt.
File:
Date well started: 8/1/72
completed: 9/1/72

Type of well: Drilled
Equipment used: Churn Drill
Water Use: Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □ Garden/Lawn □

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL:

<table>
<thead>
<tr>
<th>Size of Drawn Area</th>
<th>Size and Shape of Cut</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot;</td>
<td>89.5&quot;</td>
</tr>
</tbody>
</table>

Static water level: 32.01 ft.*
Pumping water level: 69.71 ft.*

Power: 3 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: [Signature]
Driller's Address: Helena, Mt.

LICENSE NO. 208

[Top of Ground Diagram]

Show exact depth of bottom
**WATER WELL LOG**

<table>
<thead>
<tr>
<th><strong>W</strong></th>
<th><strong>E</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner: Dan L &amp; Esther Nelson</td>
<td>Address: Rt. 1, Bozeman</td>
</tr>
<tr>
<td>Driller: Bert Van Dyken</td>
<td>Address: Bozeman</td>
</tr>
<tr>
<td>Date Started: July 5, 1956</td>
<td>Date Completed: July 7, 1956</td>
</tr>
<tr>
<td>Location: Sec. 1 T. 2S R. 5E 1/4 sec. Tract 14</td>
<td></td>
</tr>
</tbody>
</table>

**Type of well drilled**
- Domestic ☒
- Municipal ☐
- Stock ☐
- Irrigation ☐
- Industrial ☐
- Drainage ☐
- Other: ☐

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

**Casing:**
- 0 ft. to 42 ft.
- Type: steel
- Size: 6 in.
- Perforated or Screened: 0 ft. to ft.

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

**Shut-in pressure, for flowing well:** 60 lb./sq. in. on (date)

**Pumping water level:** 22 feet at 35 gal. per min.

**How tested:** bailer

**Length of test:** 1 hour

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

0

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 42</td>
<td>all gravel and boulders</td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY
STATE ENGINEER

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remler, Pete</td>
<td>Bozeman</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Van Dyken, Walter</td>
<td>Bozeman</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jul 13, 1960</td>
<td>Dec 1, 1960</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>Sec</th>
<th>T</th>
<th>RSE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>28</td>
<td>R5E</td>
</tr>
</tbody>
</table>

**Type of well:** Drilled

**Equipment used:** (Chis, drill, rotary, other)

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

**Casing:**
- 1st down to 110 ft. Type: Remler Shield 5 1/2 in. 17 1/2 ft.

**Casing:**
- 1st to ft.
- Type: 
- Size: 

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

**Type of screen or perforations:** 

**Static Water level, for non-flowing well:** 30 feet

**Shut-in pressure, for flowing well:** 

**Pumping water level:** 60 feet at 45 gal. per min.

**How tested:** Bailes

**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>From 0 to 10</td>
<td>Cooper Clay</td>
</tr>
<tr>
<td>From 10 to 110</td>
<td>Sand and Gravel</td>
</tr>
<tr>
<td>From 105 to 106</td>
<td>Bailer, tested @ 30 HP in. total</td>
</tr>
<tr>
<td>From 107 to 108</td>
<td>&quot; &quot; &quot; 15 HP in.</td>
</tr>
<tr>
<td>From 108 to 110</td>
<td>&quot; &quot; &quot; 45 HP in. 60 to 100</td>
</tr>
<tr>
<td>110</td>
<td>White Sand</td>
</tr>
</tbody>
</table>

**Log of Well**

State: Ohio  
County: Gallia

**Number:** 1896  
**Mark:** 1025

**By:** David Willian 
**Date:** 11-22-20

**Inspector:** Ed Whalen 
**Date:** 1-16-20
## WATER WELL LOG

**Owner**: Mary Joe Shane  
**Address**: Boyman, Mont.

**Driller**: P. E. Shane  
**Address**: Boyman, Mont.

**Date Started**: June 1956  
**Date Completed**: June 1956

**Location**: Sec. 1, T. 25 R. 5 E. 1/4 sec. 5W

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

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

**Industrial** [ ]  **Drainage** [ ]

**Type of well**

- Drilled
- Cased
- Driven
- Bored
- Drilled

- [ ] Other

**Type of equipment**

- [ ] Borehole
- [ ] Rotary
- [ ] Other

**Owner's Name**: Mary Joe Shane  
**Address**: Boyman, Mont.

**Driller**: P. E. Shane  
**Address**: Boyman, Mont.

**Date Started**: June 1956  
**Date Completed**: June 1956

**Location**: Sec. 1, T. 25 R. 5 E. 1/4 sec. 5W

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

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

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

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

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

**Pumping water level**: __________ feet at __________ gal. per min.

**How tested**: [ ]

**Length of test**: [ ]

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

**Location:** Sec 1 T 25 R SE 1/4 sec 5 NW

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Owner:</strong></td>
<td>Mary Joe Shane</td>
</tr>
<tr>
<td><strong>Address:</strong></td>
<td>Bozeman, Mont.</td>
</tr>
<tr>
<td><strong>Driller:</strong></td>
<td>Yang Dykem</td>
</tr>
<tr>
<td><strong>Address:</strong></td>
<td>Bozeman, Mont.</td>
</tr>
<tr>
<td><strong>Date Started:</strong></td>
<td>Jan. 1953</td>
</tr>
<tr>
<td><strong>Date Completed:</strong></td>
<td>Jan. 1953</td>
</tr>
</tbody>
</table>

**Type of Well:** Drilled

**Equipment Used:** Drill

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

**Casing:** 4 ft. to 40 ft.

**Type:** Casing

**Size:** 6"

**Perforated or Screened:** To ft.

**Type of Screen or Perforations:**

**Static Water Level, for non-flowing well:** 10 feet

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

**Pumping Water Level:** feet at: gal. per min

**How Tested:**

**Length of Test:**

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

---

(Note: The form includes sections for additional details such as remarks, which are not filled out in this example.)
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Warren B. Stevens
Address: 917 N. 17th

Driller: Harold Hallert
Address: MT Agaman

Date of Notice of Appropriation of Groundwater: April 16, 1964

Date well started: April 10, 1964
Date Completed: April 18, 1964

Type of well: Piled
Equipment Used: 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>Size of Drilled Hole</th>
<th>Size and Weight of Driller</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERforMATIONs</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>6&quot; D.</td>
<td>0</td>
<td>28</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 10 feet
Shot-in Pressure for Flowing Well: —
Pumping Water Level: 20 feet at 20 gal. per minute.
Discharge in gal. per min. of flowing well: —
How Tested: —
Length of Test: 2 hrs.

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: 47
Driller's Signature: Harold B. Hallert

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 207, Montana Session Laws, 1961)

Owner: Les Wheeler
Address: Bismarck
Driller: Donald Jones
Address: Bismarck

Date of Notice of Appropriation of Groundwater: Aug. 16, 1962
Date Completed: Aug. 23, 1962

Type of Well: Drill
Equipment Used: Churn Drill

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

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

<table>
<thead>
<tr>
<th>Type of Defined Stratum</th>
<th>Depth (Feet)</th>
<th>Name (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand</td>
<td>61</td>
<td>460.15</td>
</tr>
<tr>
<td>Gravel</td>
<td>37</td>
<td>492</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 4 feet
Shut-in Pressure for Flowing Well: 14.5
Pumping Water Level: 42.5 feet at 30 gallons per minute
Discharge in gal. per min. of flowing well: 14.5
How Tested: Pump
Length of Test: 1 Hour

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

Driller's License Number: Donald Jones
Driller's Signature: Donald 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, 1961)

R. M. Williamson

(Name of Appropriator)

of 917 Noble

(Address)

Bergman

(Town)

County of

Garfield

(State of Montana)

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

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: About 1910

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 30 gals. 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:
   Gardening

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Before 1910

8. The depth of water table: 30 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: 500,000 gals.

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

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

Signature of Owner

R. M. Williamson

Date: 11/2/3

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1983
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Schultze
Owner: John Lawrence Address: 505 N. Valley Ave.
Driller: Harold Holbert Address: Route One, Forman

Date of Notice of appropriation of groundwater: __________ Date completed: __________

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

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

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

<table>
<thead>
<tr>
<th>Strata Depth</th>
<th>Soil and Weight of Cutting</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 5/8</td>
<td>0. D. above</td>
<td>0</td>
<td>39</td>
<td>NONE</td>
</tr>
<tr>
<td>19 1b</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: (Gravel packing, cementing, packers, type of shutoff)

Remarks: (Continue on reverse side)

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, 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

File No. ____________________

DUPLICATE
## Notice of Completion of Groundwater Appropriation by Means of Well

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** Milbur E. Smith  
**Address:** Route 1, Benewah

**Driller:** Harold Helbert  
**Address:** Route 1, Benewah

**Date of Notice of appropriation of groundwater:**

**Date well started:** Jan 17, 1967  
**Date completed:** Jan 20, 1967

**Type of well:** Drilled  
**Equipment used:** Churn (Drill, 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.

### LOG

<table>
<thead>
<tr>
<th>Soil Type</th>
<th>Depth (Feet)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-3 soil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3-5 clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5-17 gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17-20 gravel &amp; water</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20-25 clay &amp; rock</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25-34 clay &amp; rock</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34-40 sand &amp; water</td>
<td></td>
<td></td>
</tr>
<tr>
<td>40-45 clay &amp; rock</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45-52 sand &amp; gravel &amp; water</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Perforations:**

<table>
<thead>
<tr>
<th>Depth (Feet)</th>
<th>Water Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 above</td>
<td>Static</td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well:**

<table>
<thead>
<tr>
<th>Shut-in Pressure for Flowing Well</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pumping Water Level: 21 feet at 20 gal. per minute</td>
</tr>
<tr>
<td>Discharge in gal. per min. of flowing well</td>
</tr>
</tbody>
</table>

**How Tested:**

**Length of Test:** 2 hrs

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

(Continue on reverse side)

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

**Driller's License Number:**

**Driller's Signature:**

(Date: 1/7/67)

---

**File No.**

**Region:**

**County:**

**State Water Conservation Board**

**FEB 16 67**

**Drill 112418**

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEERS**

**T 28 N R 87 E**

---

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 Signature:**

(Date: 1/7/67)
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. WILBUR E. SMITH, of Roseman
   (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: domestic and culinary use, livestock water, and for irrigation of lawn and gardens not to exceed 2 acres.

3. Date or approximate date of earliest beneficial use: 1885 for No. 1 well, and 1888 for No. 2 well, and use has been continuous since said date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 500 gallon per day for each well.

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

   WILBUR E. SMITH

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: No. 1 well is drilled 60 feet, and No. 2, marked on above plat, is dug 30 feet deep, each withdrawn by means of electric pumps.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: No. 1, 1885, and No. 2, 1888.

8. The depth of water table: No. 1, 20 feet, and No. 2, 15 feet.

9. So far as may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: No. 1 is drilled 60 feet deep, No. 2 dug 30 feet deep, each with six inch casing, and equipped with electric pump.

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

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

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

Signature of

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

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

STATE ENGINEER

JUL 2-1963

Declaration of Vested Groundwater Rights

(Name of Appropriator) (Address) (Town)

County of __________ State of MONTANA

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

2. The beneficial use on which the claim is based ____________________________

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal per minute

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

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

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

8. The depth of water table ______________

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

10. The estimated amount of groundwater withdrawn each year ______________

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

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

Signature of Owner ____________________________

Date ______________

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
State of Montana
County of Gallatin
Filed: July 1, 1963
at 12:40 p.m.
Karl Walton
COUNTY CLERK & RECORDER
Feef $2.00 " Pd.
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1901)

**Owner:** R.L. Bredeney  
**Address:** Bomen, Mont.  

**Driller:** Tony Dyson  
**Drilling Co.:** Bommen, Mont.  

**Date of Notice of Appropriation of Groundwater:** None  
**Date well started:** June 4, 1963  
**Date Completed:** June 6, 1963  

**Type of well:** Drilled  
**Equipment Used:** Cable tools  
**(cable or rotary or)**  

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

---

### Diagram

- **Top of Ground**: (Elev. above sea level: 0')
  - 0'-3' Top soils and clays.
  - 3'-52' All gravels and boulders.
  - T.D. 52'

**Static Water Level for non-flowing Well**: 8'

**Shut-in Pressure for flowing well**: None

**Pumping Water Level**: 30' feet at 21 gal. per minute.

**Discharge in gal. per min. of flowing well**: None

**How Tested**: Bailer  
**Length of Test**: Three

**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) 2

---

**License No. 1**  
**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.

---

**Original to the County Clerk and Recorder:**  
**Duplicate to the State Engineer:**  
**Triplicate to the Montana Bureau of Mines and Geology:**  
**Quadruplicate for the Appropriator:**
State of Montana
County of Gallatin
Filed December 23, 1963 at 3:12 o'clock P.M.

[Signature]

By: [Signature]

Fee $2.00 pl. 7
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

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

WILBUR E. SMITH
(Name of Appropriator)
of Bosmena
(Address)
(Town)

County of Gallatin
State of Montana

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

2. The beneficial use on which the claim is based. domestic and culinary, stock water and irrigation of lawn and garden

3. Date or approximate date of earliest beneficial use and how continuous the use has been... 1874 and continuous since said date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 gallons per day

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

WILBUR E. SMITH

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Well, number on plan above, being approximately in the NE. corner of the West Half of the Southwest Quarter of Section 3, drilled 45 feet deep

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1874

8. The depth of water table. Approximately 20 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 45 feet deep, 6" casing, new equipped with electric pump.

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

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

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

Signature of

Date: Dec. 31, 1963

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

| Date of Notice of Appropriation of Groundwater | March 20, 1968 |
| Date Completed | March 22, 1968 |

**Type of well: Drilled**

**Equipment Used: Cable tool**

**Water Use:**
- Domestic
- Irrigation
- Stock
- Municipal
- Drainage
- Other

**Strata met with in drilling:**
- Soil
- Clay
- Shale
- Gravel
- Rock
- Sand

**Depth of water encountered:**
- Show depth
- Character
- Thickness

**Pumping Water Level:**
- 23 feet at 30 gallons per minute

**Length of Test:**
- 4 hours

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PREPARATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; I.D. 250 Wall</td>
<td>6&quot; I.D.</td>
<td>+1½</td>
<td>1½</td>
<td></td>
</tr>
</tbody>
</table>

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

**Shut-in Pressure for Flowing Well:**
- N/A

**Discharge in gal. per min. of flowing well:**
- N/A

**Remarks:**
- N/A

**Note:**
- Indicate location of well and place of use, if possible. Each small square represents 10 acres.
- Show exact depth of bottom.

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

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

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

<table>
<thead>
<tr>
<th>Address</th>
<th>File</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>3715</td>
</tr>
</tbody>
</table>

Date well started: 3-2-73

GW 1.35 p.m.

Type of well: Drilled

Equipment used: eights tool

Water Use: Domestic [X] 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>Date of</th>
<th>Foot of</th>
<th>Foot of</th>
<th>For and</th>
<th>Foot of</th>
<th>Foot of</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Drilled</td>
<td>Drilled</td>
<td>Drilled</td>
<td>Drilled</td>
<td>Drilled</td>
</tr>
</tbody>
</table>

PERFORMANCES

<table>
<thead>
<tr>
<th>Well flows at</th>
<th>Size</th>
<th>Depth of</th>
<th>Power</th>
<th>Pump HP</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 gpm</td>
<td>8 ft.</td>
<td>10 ft.</td>
<td>3 HP</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 15 ft.

Pumping water level: 15 ft.

at __________ gallons per minute

measured __________ minutes after pumping began.

*Measured from ground level.

Well developed by __________ hours.

Driller's Signature: ____________________________

Driller's Address: ____________________________

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

EACH SMALL SQUARE REPRESENTS 40 ACRES.

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

EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature: ____________________________

Driller's Address: ____________________________

STATE OF MONTANA, DRILLER'S LOG

Reports: 

1. [ ] Drilling 

2. [ ] Completion

3. [ ] Backfilling

4. [ ] Pumping tests

5. [ ] Water analysis

6. [ ] Additional work

7. [ ] Other

LINES TO BE FILED WITH COUNTY CLERK AND RECORDER OF MONTANA.

LICENSE NO: 130

Show exact depth of bottom. 5524
## WATER WELL LOG

**Owner:** Harold Luck Jr.
**Address:** Rt. 1, Box 300, Deer Lodge

**Driller:** Harold Luck Jr.
**Address:** Rt. 1, Box 300, Deer Lodge

**Date Started:** July 20, 61
**Date Completed:** July 28, 61

**Location:** Sec. 7, T. 25 R. 5 E., 1/4 sec.

### Equipment
- **Casing:** Steel, Size: 67 00 15 #
- **Type of screen or perforations:**
- **Static Water level for non-flowing well:** 8 feet
- **Shut-in pressure for flowing well:** 22 lb./sq. in. on: 7/22/61
- **Pumping water level:** 30 feet at: 20 gal. per min.
- **How tested:** Bailee
- **Length of test:** 1 ft.

### 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</td>
</tr>
<tr>
<td>5' - 25'</td>
<td>Sand, gravel &amp; rock</td>
</tr>
<tr>
<td>25' - 30'</td>
<td>Sand</td>
</tr>
<tr>
<td>30' - 35'</td>
<td>Sand, gravel</td>
</tr>
<tr>
<td>35' - 41'</td>
<td>Clay, gravel</td>
</tr>
<tr>
<td>36' - 41'</td>
<td>Water &amp; small gravel</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: October 25, 1960
Owner: Rolfe & Wood, Inc., Address: Bozeman, Montana
Contractor (if any): Gardner Construction
Address of Contractor: Bozeman, Montana
Date Started: Oct. 25, 1960 Date Completed: October 27, 1960
Describe means of obtaining groundwater, whether by sub-irrigation and other natural processes.

Underground water was filled

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use in intermittent:

Estimate approximate length of periods of use. The pump is:

1/4 acre in area with maximum water:
depth of 10 feet at its center. Used continually:
for stock water. Also used summer months for irrigation:
of approximately 10-acre field as needed. Water pumped
from open pipe into irrigation ditches and flood:
irrigation using 4 x 4 Fairbanks Morse Pump developing
60 pounds pressure at 1600 RPM and delivering approxi-
ately 1200 gallons per minute.

Signature of Owner: Rolfe & Wood, Inc., April 23, 1961
Date: 12-2-63

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

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

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

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

   (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, 1963, as follows:

<table>
<thead>
<tr>
<th>R</th>
<th>S</th>
<th>N</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based: Domestic
   Yard and garden irrigation. Also supplies four electrically heated watering troughs for livestock.

3. Date or approximate date of earliest beneficial use: and how continuous the use has been 1963 Daily

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 land 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
   Well with eight inch tile casing and electric pump. For location see diagram

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1969

8. The depth of water table: Nine feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other means for the withdrawal of groundwater. The well is eight inch tile casing with a total depth of 31 feet. The distance from the water table to the bottom of the well is 24 feet.

10. The estimated amount of groundwater withdrawn each year: 1,076,775 gallons

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

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 county record: Unknown

   Rolfe and Wood, Inc.
   Signature of Owner
   Date December 20, 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.

11433
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

FRED YPMA of 706 N. 7th Ave 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: General Farm Use

3. Date or approximate date of earliest beneficial use and how continuous the use has been, April 1st 1878, and has been used since.

4. The amount of groundwater claimed (in inches of water 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: Use is horse power motor and a pressure system.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Do not have any data available.

8. The depth of water table: About 10 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: Has a 10' casing and a pressure system with a horse power motor.

10. The estimated amount of groundwater withdrawn each year: 300,000 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: 

Signature of Owner: Fred Ypma

Date: Jan 4, 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 School of Mines and Quadruplicate for the Appropriator.
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 207, Montana Session Laws, 1961)

**Owner:** Curtis Bradley

**Address:** Kalispell, Montana

**Driller:** Harold Holbert

**Address:** Route 1, Bozeman, Montana

---

**Date of Notice of appropriation of groundwater:**

Date well started: Feb 10, 1967
Date completed: Feb 25, 1967

---

**Type of well Drilled:**

-Bored (Drilled, bored or drilled)

**Equipment used:**

-Cement

**Water Use:**

-Domestic **X** 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.**

---

**SITE INFORMATION**

<table>
<thead>
<tr>
<th>Shallow Well Drilled</th>
<th>Shallow Well Drilled</th>
<th>Shallow Well Drilled</th>
<th>Shallow Well Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code</td>
<td>Code</td>
<td>Code</td>
<td>Code</td>
</tr>
<tr>
<td>Steel</td>
<td>Steel</td>
<td>Steel</td>
<td>Steel</td>
</tr>
<tr>
<td>Depth (ft)</td>
<td>Depth (ft)</td>
<td>Depth (ft)</td>
<td>Depth (ft)</td>
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<tr>
<td>To (ft)</td>
<td>To (ft)</td>
<td>To (ft)</td>
<td>To (ft)</td>
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</tbody>
</table>

**FACILITIES**

<table>
<thead>
<tr>
<th>Shallow Well Drilled</th>
<th>Shallow Well Drilled</th>
<th>Shallow Well Drilled</th>
<th>Shallow Well Drilled</th>
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<tbody>
<tr>
<td>Steel</td>
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<td>Steel</td>
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<td>Depth (ft)</td>
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<td>Depth (ft)</td>
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<tr>
<td>To (ft)</td>
<td>To (ft)</td>
<td>To (ft)</td>
<td>To (ft)</td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well:**

-24 feet

**Shut-in Pressure for Flowing Well:**

**Pumping Water Level:**

-34 feet at 20 gal. per minute

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

**How Tested:**

**Length of Test:** 8 hr.

**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).

---

**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, these copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Name of Appropriate</th>
<th>Address</th>
<th>County of</th>
<th>State of</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>O. A. Branden</td>
<td></td>
<td>Gallatin</td>
<td>Montana</td>
<td></td>
</tr>
</tbody>
</table>

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

1. The beneficial use on which the claim is based: **Domestic and sub-irrigation of pasture**

2. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   - (1) Well continuous since 1900;
   - (2) Sub-irrigation continuous since 1880.

3. Amount of groundwater claimed (in miner's inches or gallons per minute): (1) 12 gal. per minute; (2) 75 miner's inches

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: **Sub-irrigation for total acreage.**

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: **Well and drain ditch.**

6. The estimated amount of groundwater withdrawn each year:
   - (1) Well: 600,000 gallons, and
   - (2) Sub-irrigation: 34,000 gallons per acre

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

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

Signed on behalf of the owner, as the lessee and grantor, at the request of the owner as a declaration of vested groundwater rights which are appurtenant to the above described lands:

**Signature of Owner:**

By

Date: Jan 16, 1964

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

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

John E. Huffine, of Route #2 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 appropriation is based is domestic and irrigation, and household stock water.

3. Date of or approximate date of earliest beneficial use: 1918 - 45 years.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 gallons per minute.

5. If used for irrigation, give the acreage and describe as of the lands to which water has been applied and name of an owner thereof: John E. Huffine - 1/2 acre.

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

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

8. The depth of water table: 26 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 to a depth of 100 feet.

10. The estimated amount of groundwater withdrawn each year: 36,000 cubic feet.

11. The log of formations encountered in the drilling of each well if available: 4' clay.

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

Signature of Owner: John E. Huffine
Date: 12/20/1963

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 Bureau of Mines and Geology, and Quadruplicate for the Appropriate.
State of Montana
County of Gallatin

Filed: \text{Dec} 23, 1963
at 9:26 a.m.

Carl Walton
COUNTY CLERK & Recorder
By: [Signature]
DEPUTY

Fee $ \text{[Amount]}
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. WALTER H. PROCTOR of Route 1, 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:

<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>

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   January 30, 1958 - Continuous household use

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   10 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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   October 22, 1957 - October 21, 1957

8. The depth of water table:
   15 feet

9. So far as it may be available, the type, size and depth of each well - the general specifications of any other works for the withdrawal of groundwater:
   Drilled - P.I. Reval Steel = 6.5 ft O.D. 17 ft
   Casing: 3 feet to 38 feet

10. The estimated amount of groundwater withdrawn each year:
   50,000 gallons

11. The log of formations encountered in the drilling of each well if available:
   From 0 to 8 feet Depth - Top soils and clay
   From 8 to 12 feet Depth - Sand, gravels, 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:

Signature of Owner: Walter H. Proctor

Date: Dec. 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.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

ERNEST J. MONFORTON
(Name of Appropriator)

Count 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 and stock watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
in June 1928. Use has been continuous since that time.

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 does not apply

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: well with electric pump located approximately 52' North of the S line of Sec. 8 and 3433' E of the W line of said Section 6.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: June, 1928, and completed in June, 1928

8. The depth of water table: 50 feet to bottom of water. Water located 36 feet from the surface of ground

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 is drilled with a 6" casing and water withdrawn by means of an electric pump

10. The estimated amount of groundwater withdrawn each year: three million gallons per year

11. The log of formations encountered in the drilling of each well if available: no log of formations 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: does not apply

Signature of Owner: ____________________________
Date: March 4, 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 ss.

Filed Dec. 31, 1963
at 2:56 o'clock P.M.

PARK WALTON

CLERK CLERK & RECORDER

By

DEPUTY

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

Adriaana Balkema of RL Bogan
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: 1960 to 1964

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 3300 gal pm

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: Garden + Yard

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

7. The date of commencement and completion of the construction of the well, walls, or other 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: 182,500 gal.

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

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

Signature of Owner: Adriaana Balkema
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 Quadruplicate for the Appropriator.
**Notice of Completion of Groundwater Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1969

(Under Chapter 237, Montana Session Laws, 1961)

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**Owner:** ADAIR ARNA BALDWIN - 10TH & CURTIS

**Address:** BOZEMAN, MONT.

**Driller:** HAROLD HUBERT

**Address:** 91 BOISEMAN, MONT.

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**Date of Notice of appropriation of groundwater:**

**Date well started:** Aug 14, 1968

**Date completed:** Aug 19, 1968

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**Type of well:** Drilled

**Equipment used:** Cable tool

**Drilling method:** (Dug, driven, bored or drilled)

**Churn drill, rotary or other)

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

**Industrial [ ] Drainage [ ] Other [ ]

---

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

---

**Static Water Level for non-flowing well**

2 ft

**Shut-in Pressure for Flowing Well**

**Pumping Water Level**

20 ft

---

Discharge in gal. per min. of flowing well

---

How Tested: **Pump**

Length of Test: **7 HRS**

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

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

---

**Indicate location of well and place of use, if possible. Each 1 ac represents 40 acres.**

---

**Show exact depth of bottom.**

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**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 copies to be retained by driller.**

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

**Driller's License Number**

**Driller's Signature**

---

**File No.**

**GW 2**

**County:** Gallatin

**Page Dimensions:** 759.0x1012.0

**TOP OF D R I L L I N G**

**CABLE TO AN INDIAN**
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>County of</th>
<th>State of</th>
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<tbody>
<tr>
<td>Gallatin</td>
<td>Montana</td>
</tr>
</tbody>
</table>

1. Russell E. and/or Beulah M. Egler, of 517 West Small, Foreman

2. The beneficial use on which the claim is based. *See water supply of a 4 unit apartment house and irrigation of said said.*

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. *12 March 1957. Daily water supply of four unit dwelling since date of earliest beneficial use.*

4. The amount of groundwater claimed (in mixer's inches or gallons per minute). 300 (10) gallons per minute.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. *Date of commencement - 5 March 1957. Date of completion - 12 March 1957.*

8. The depth of water table. *Eighteen (18) 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. *Said well has six inch casing and is seventy-five feet deep. Water flow at time of drilling - 30 gallons per minute with 70 feet of water.*

10. The estimated amount of groundwater withdrawn each year. *1760,000 gallons per year.*

11. The log of formations encountered in the drilling of each well if available. *0 to 8 feet silt and clay; 8 to 70 feet gravel and limestone.*

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.

Drilling performed by Van Dyken Drilling Co. Said company holds original drilling log.

Date

Signature of Owner

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

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

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

Filed December 19, 1961
at 3:35 o'clock P.M.

Earl Welzyn
County Clerk & Recorder

Fee $2.00 Pl.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. (Name of Appropirator) (Address)

COUNTY OF (Address)

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: Dwelling and livestock

3. Date or approximate date of earliest beneficial use, and how continuous the same has been: 1900 to three above

4. The amount of groundwater claimed—in miner's inches or gallons per minute: 12 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: Gordon Ranch

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Well No. SW 1/4 Sec. 7 T. 25 S. R. 5 E

7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater: June 1, 1900

8. The depth of water table: 60 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: 4-in. casing 60 ft deep

10. The estimated amount of groundwater withdrawn each year: 36,500 gal

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

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: Albert Hoffner
Date: 5/31/13

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.