# WATER WELL LOG

<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: 1970</td>
</tr>
<tr>
<td>Location: Sec. 6, T. 8N., R. 74E, M.</td>
<td></td>
</tr>
</tbody>
</table>

**Type of well**
- (Dug, driven, or drilled)
- (Churn, drill, rotary, other)

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

**Casing:**
- From ___ ft. to ___ ft. Type ___ Size ___
- From ___ ft. to ___ ft. Type ___ Rise ___
- From ___ ft. to ___ ft. Type ___ Rise ___

**Perforated or screened:**
- From ___ ft. to ___ ft. From ___ 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. (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

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Owner</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Driller</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Date Started</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Date Completed</strong></td>
<td>1943</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>Sec. __, T. __, R. __, A. __</td>
</tr>
<tr>
<td><strong>Type of Well</strong></td>
<td>(Dug, Driven, or Drilled)</td>
</tr>
<tr>
<td><strong>Equipment Used</strong></td>
<td>(Ch. T., Drill, Rotary, Other)</td>
</tr>
<tr>
<td><strong>Water Use</strong></td>
<td>Domestic ☐, Municipal ☐, Stock ☐, Irrigation ☐</td>
</tr>
<tr>
<td></td>
<td>Industrial ☐, Drainage ☐, Other ☐</td>
</tr>
<tr>
<td><strong>Casing: ft. to ft.</strong></td>
<td>Type _______ Size _______</td>
</tr>
<tr>
<td><strong>Casing: ft. to ft.</strong></td>
<td>Type _______ Size _______</td>
</tr>
<tr>
<td><strong>Casing: ft. to ft.</strong></td>
<td>Type _______ Size _______</td>
</tr>
<tr>
<td><strong>Perforated or Screened</strong></td>
<td>Ft. _______ to Ft. _______</td>
</tr>
<tr>
<td><strong>Type of Screen or Perforations</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Static Water Level, for Non-Flowing Well</strong></td>
<td>_______ feet.</td>
</tr>
<tr>
<td><strong>Shut-in Pressure for Flowing Well</strong></td>
<td>_______ lb./sq. in. on _______.</td>
</tr>
<tr>
<td><strong>Pumping Water Level</strong></td>
<td>_______ feet. at _______ gal./per.min.</td>
</tr>
<tr>
<td><strong>How Tested</strong></td>
<td>_______</td>
</tr>
<tr>
<td><strong>Length of Test</strong></td>
<td>_______</td>
</tr>
<tr>
<td><strong>Remarks</strong></td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Form No. 18

T. 8-21 R. 7

Butte, Montana

WATER WELL LOG

Owner

Address

Driller

Address

Date Started

Date Completed

Location: Sec. __ T. __ R. __ Sec. __

Type of well: Dug, driven, or drilled

Equipment used: Ch. r., drill, rotary, or other

Water use: Domestic

Municipal

Stock

Irrigation

Industrial

Drainage

Other

Casing: Ft. __ to __ Ft.

Type__

Size__

Casing: Ft. __ to __ Ft.

Type__

Size__

Casing: Ft. __ to __ Ft.

Type__

Size__

Perforated or screened: Ft. __ to __ Ft.

Ft. __ to __ Ft.

Type of screen or perforations:

Static water level, for non-flowing well:

Feet.

Shut-in pressure for flowing well:

Lb./sq. in. on:

(date)

Pumping water level:

Feet. at gal. per. min.

How tested:

Length of test:

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

<table>
<thead>
<tr>
<th>County</th>
<th>Grundy</th>
</tr>
</thead>
<tbody>
<tr>
<td>State Engineer</td>
<td></td>
</tr>
</tbody>
</table>

### Water Well

<table>
<thead>
<tr>
<th>Owner</th>
<th>Enos J. Erb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>J. E. Anderson</td>
</tr>
<tr>
<td>Address</td>
<td>Billyamong</td>
</tr>
<tr>
<td>Date Started</td>
<td>Oct 10, 1948</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Oct 14, 1948</td>
</tr>
</tbody>
</table>
| Location       | Sec. 25, Twp. 5, Block 1 
    | Township and County |

#### Type of Well
- Drilled
- Churn drill

#### Water Use
- Domestic: x
- Municipal: 
- Irrigation: 
- Other: 

#### Gasage

<table>
<thead>
<tr>
<th>Gasage</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ft. t.</td>
<td>30 ft.</td>
<td></td>
</tr>
<tr>
<td>0 ft. t.</td>
<td>30 ft.</td>
<td></td>
</tr>
<tr>
<td>0 ft. t.</td>
<td>30 ft.</td>
<td></td>
</tr>
</tbody>
</table>

#### Perforated or Screened

<table>
<thead>
<tr>
<th>Perforated or Screened</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ft. t.</td>
<td>Ft.</td>
<td>Ft.</td>
</tr>
</tbody>
</table>

#### Type of Screen or perforations

- Static water level, for non-screened wells: 12
- Static water level, for screened wells: 0.2 ft.
- Test pressure for screened wells: 75.0 in. c.
- Depth of well: 142 ft.
- Flow tested: cable bail
- Length of test: 2.0 ft.
- Remarks: "Move packers cement, packers, type of shut-off, depth of shut-off: 37 ft. Deep"
<table>
<thead>
<tr>
<th>Column 1</th>
<th>Column 2</th>
<th>Column 3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Owner:** E.R. ERB  
**Driller:** Self

**Date Started:** Dec. 10, 1960  
**Date Completed:** Dec. 15, 1960

**Location:** Sec. 36, T.9N. R.27E, P.M.W.  
**Section:** 5

**Type of Well:** Drilled  
**Equipment Used:** Cable, Drum

**Water Use:** Irrigation

**Casing:**
- **Length:** 23 ft.  
- **Type:** Steel  
- **Size:** 4½ inches

**Perforated or Screened:**
- **Length:** 15 ft. to 23 ft.  
- **Type:** Steel, B" long

**Static Water Level:** 12 feet

**Shut-in Pressure:**
- **Type:** V. / sq. in.  
- **Date:**

**Dropping Water Level:** 2.0 feet at 7:00 a.m., per sq. in., 130

**Hod Tested:** Cable, Bails

**Length of Test:** 3 hrs.

**Remarks:** (Travel plugs, cementing, packers, type of shut-off, depth of shut-off)

**Depth:** 23 ft. D. U.
<table>
<thead>
<tr>
<th>Form No. 18</th>
<th></th>
</tr>
</thead>
</table>

**Location:** Dec. 24, 1970

<table>
<thead>
<tr>
<th>Driller</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fos, J. E. B</td>
<td>Address</td>
</tr>
</tbody>
</table>

**Date Started:**

**Date Completed:**

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Dren</th>
<th>Aquifer used</th>
<th>Cable, Drnn.</th>
</tr>
</thead>
</table>

**WATER WELL**

<table>
<thead>
<tr>
<th>Domestic</th>
<th>Municipals</th>
<th>Stock</th>
<th>Irrigation</th>
<th>Other</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Depth</th>
<th>30 ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Depth</th>
<th>15 ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Depth</th>
<th>30 ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
</table>

**Type of screen or perforations**

<table>
<thead>
<tr>
<th>Screen or perforations</th>
<th>Type description</th>
</tr>
</thead>
</table>

**Static water level**

| From non-flushing well | 9 feet |

**Shut-in pressure for flushing well**

<table>
<thead>
<tr>
<th>Pressure (lb./sq. in.)</th>
<th>(date)</th>
</tr>
</thead>
</table>

**Kirking water level**

| Depth at | 3000 psi at 20 feet |

**Injection:**

<table>
<thead>
<tr>
<th>Cable, Bails</th>
</tr>
</thead>
</table>

**Length of test**

| 2 ft. |

**Inork:**

<table>
<thead>
<tr>
<th>Gravel packing, cementing, packers, type of shut-off, depth of shut-off</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>Water Well No.</td>
</tr>
<tr>
<td>---------------</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>L. E. Anderson</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Butte, Montana</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>1948</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Completed</td>
<td>1948</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component used</td>
<td>Cable Tool</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>casing</th>
<th>ft.</th>
<th>type</th>
<th>size (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>casing</th>
<th>ft.</th>
<th>type</th>
<th>size (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>casing</th>
<th>ft.</th>
<th>type</th>
<th>size (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of Screen or Perforations</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Static water level</th>
<th>18 feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shut-in pressure for flowing well</td>
<td>10.0 lb. / sq. in. un.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>piping water level</th>
<th>40 feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>flow tested</td>
<td>cable tool</td>
</tr>
<tr>
<td>length of test</td>
<td>1 hr</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Remarks</th>
<th>(Casing packing, cementing, packers, type of shut-off, depth of shut-off)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>70 ft Deep</td>
</tr>
</tbody>
</table>

---

Signature: Enos J. Eber
<table>
<thead>
<tr>
<th>Location:</th>
<th>Dec. 30, Jan. 27 E</th>
<th>Ac. 11, Block 88</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Started:</td>
<td>Aug 1, 1961</td>
<td>Date Completed:</td>
</tr>
<tr>
<td>Type of Well:</td>
<td>Drilled</td>
<td>Fuguent used:</td>
</tr>
<tr>
<td>Water Use:</td>
<td>Domestic [ ]</td>
<td>Industries [ ]</td>
</tr>
<tr>
<td>Casings:</td>
<td>9 ft. to 37 ft.</td>
<td>Type of Longest</td>
</tr>
<tr>
<td>Perforated or screened:</td>
<td>3 ft. to 37 ft.</td>
<td>Type of [ ]</td>
</tr>
<tr>
<td>Static Water Level:</td>
<td>10 ft from top feet.</td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure for blonde:</td>
<td>1.83 lb. per sq. in.</td>
<td></td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>30 feet at 9000 feet per c.i.</td>
<td></td>
</tr>
<tr>
<td>Horizon tested:</td>
<td>6&quot; Compared</td>
<td>Length of test:</td>
</tr>
<tr>
<td>Beaker (travel, pecked, cementing, packers, type of shut-off, depth of shut-off):</td>
<td>37 ft Deep</td>
<td></td>
</tr>
</tbody>
</table>

Enos J. End
<table>
<thead>
<tr>
<th>Form No. 18</th>
</tr>
</thead>
</table>

**Owner**: EDOS J. EBB
**Driller**: LEANDER
**Address**: Huntley Mont

**Date Started**: Nov 15, 1983
**Date Completed**: Nov 20, 1983

**Location**: Sec 37, Twp 19 S., R. 52 W., 2nd P.

**Type of well**: Drilled

**Water use**: Domestic: X

**Casing**: 8 ft., Type: Alumaloy, Size: 6 inch

**Perforated or screened**: Pt. 0 to 60 ft.

**Type of screen or perforations**: None

**Static water level**: for non-filled well: 10 feet.

**Shut-in pressure for flowing well**: 1 Ib./sq. in. (psig)

**Pumping water level**: 40 feet at 1300 ft. per min.

**How tested**: Cable,壁画, Myers Jet Pump

**Depth of test**: 100 ft.

**Remarks**: Traveling; casing, packers, type of shut-off, depth of shut-off

**Well is 105 ft. Deep**

**Owner's Signature**: EDOS J. EBB
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 21, Montana Session Laws, 1965)

Edward Clinton & Sarah C. of Huntley, Montana

County of Yellowstone State of Montana

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

1. Name of Appropriator
   Edward Clinton & Sarah C.

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

3. Date or approximate date of earliest beneficial use: and how continuous the use has been.
   June 23, 1958
   The use is Constant

4. The amount of groundwater claimed (in miner’s inches or gallons per minute).
   100

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.
   June 23, 1958

8. The depth of water table.
   22 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.
   Each well: Plain Driven

10. The estimated amount of groundwater withdrawn each year.
    75,000

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

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

Signature of Owner: Edward Clinton

Date: Dec. 31, 1965

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.
Form No. 8

Country

Revised

Dept. of Mines and Bureau of Mines
Butte, Montana

Owner: J.P. Leach, Hunter

Driller: R. Magen

Date Started: Sept. 1960

Date Completed: Sept. 1960

Location: Sec. 25, T. 26 N., R. 96 E., SW 1/4 of SW 1/4 NW

Type of Well: Rotary Drill

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

Industrial [ ] Drains [ ] Other [ ]

Casing: 6 ft. to 15 ft. Type: Steel

Drilled: Site: 36"

Perforated or Screened: Ft. 17 to Ft. 24, Type: Steel

Type of Screen or perforations: 4" Slotted, 4½"

Static Water level, for non-flowing wells: 8 ft.

Shut-in pressure for flowing wells: lb. per sq. in. on: (date)

Pumping water level: 20 feet at 500 ml. per min.

How tested: 4" Centrifugal Pump

Length of test: 5 hours

Remarks: (Travel pocking, cementing, packers, type of shut-off, depth of shut-off)

20' Deep
Notice of Appropriation of Groundwater
(Under Chapter 21, Montana Session Laws, 1965)

1. HUNTLERY WATER ASSOCIATION, of Huntley,
   County of Yellowstone, State of Montana, intend to appropriate groundwater in accordance with Chapter 21, Montana Session Laws of 1965.

2. The beneficial use to which water is to be applied is domestic water supply for the town of Huntley, Montana, and its inhabitants.

3. The rate of use in gallons per minute or miner's inches of groundwater claimed is 200 gallons per minute.

4. The annual period (inclusive dates) of intended use is during the entire year.

5. The probable or intended date of first beneficial use is August 1, 1966.

6. The probable or intended date of commencement and completion of the well or wells is The well has been completed but the distribution mains will not be completed until August 1, 1966.

7. The location, type, size and depth of well or wells contemplated is Drilled well in Lot 9, Block 54 of the Townsite of Huntley, Montana; depth of 142 feet with 8 inch casing.

8. The probable or estimated depth of the water table or artesian aquifer is 17 feet from surface.

9. Name, address and license number of the driller engaged is Clyde Sando, 1141 Miles Avenue, Billings, Montana. License No. 2.

10. Give such other similar information as may be useful in carrying out the policy of this act

   As defined in the Code Sec 1(c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.

Three copies of this notice are to be filed with 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
(Under Chapter 287, Montana Session Laws, 1961)

STATE OF MONTANA
OFFICE OF STATE ENGINEER

HUNTLH WATER ASSOCIATION
Address: Huntley, Montana

Owner: HUNTLH WATER ASSOCIATION
Address: 1241 Miles Avenue

Driller: Clyde Sando
Address: Billings, Montana

Date of Notice of Appropriation of Groundwater: May 16, 1966

Date well started: January 1, 1966

Type of well: Drilled
Equipment Used: Churn

65' - 75' - Sand Rock

Type of well: Drilled
Equipment Used: Churn

Water Use: Domestic

10' = 15' - Topsoil

15' - 30' - Gravel

36' - 65' - Grey Rock

65' - 75' - Sand Rock

75' - 123' - Blue Shale

123' - 142' - Sandrock

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

Water will be used for Huntley Town water supply

through approximately 16,625 L.F. of
3, 4, 6 and 8 inch pipe.

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

**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>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Name of Appropriator</strong></td>
<td>Max Mathews</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>Huntley</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>County of Yellowstone, State of Montana</td>
</tr>
</tbody>
</table>

1. **County of Yellowstone**
2. **State of Montana**
3. **Date of earliest beneficial use**
4. **Amount of groundwater claimed** (in miner's inches or gallons per minute)
5. **Description of land to which water has been applied**
6. **Means of withdrawing groundwater**
7. **Date of commencement and completion of construction**
8. **Depth of water table**
9. **Type, size and depth of each well**
10. **Estimated amount of groundwater withdrawn each year**
11. **Log of formations encountered**
12. **Other information as may be useful**

**Signatures**

- **Signature of Owner**: Max Mathews
- **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 & 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. Name of Appropria—__________________________
   (Name of Appropriator)

   of—__________________________
   (Address)

   Montana

   County of—________
   (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
      —__________________________
      Household use for a room house

   3. Date or approximate date of earliest beneficial
      use; and how continuous the use has been
      —__________________________
      Approximately 1950 and subsequent

   4. The amount of groundwater claimed—__________________________
      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—__________________________
      —201

   9. So far as it may be available, the type, size and depth of each well or the gen-
      eral specifications of any other works for the withdrawal of groundwater—
      —__________________________
      —__________________________

   10. The estimated amount of groundwater withdrawn each year—200,000 gallons

   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 & 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 Yellowstone, 

This instrument was filed in my office,
this ______ day of ______, 19_? at 3:13 o'clock P.M.

Elmon S. Hedding,
County Clerk & Recorder

By: _______________ Deputy, 1
DECLARATION of VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

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

1. [Appropriator's Name]
   (Name of Appropriator)
   [Address]
   (Town)
   [Lot, Block, Street, Townsite]
   [Date or approximate date of earliest beneficial use; and a description of the lands to which water has been applied and name of the owner thereof]
   [Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres]
   [Lot 21, Block 5, Huntley Townsite]

2. The beneficial use on which the claim is based:
   [Household use for 5 room home]

3. Date or approximate date of earliest beneficial use; and a description of the lands to which water has been applied:
   [June 1960; and 10 acres of land in Huntley, Montana]

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   [10 acres; Huntley, Montana; Joe R. Hunt]

6. The means of withdrawing such water from the ground and the location of each well or other works for the withdrawal of groundwater:
   [Drilled well, 45 ft]

7. The date of commencement and completion of the drilling of each well, or other works for withdrawal of groundwater; and the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   [January 1, 1960; and 100 ft]

8. The depth of water table:
   [40 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 well, 45 ft]

10. The estimated amount of groundwater withdrawn each year:
    [200,000 gallons]

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:

   Signature of Owner:
   [Signature]
   Date:
   [December 3, 1963]

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

Original to the County Clerk & Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the appropriator.
DECLARATION of VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1957)

1. Eleanor L. Need ----------- of Huntley
   (Name of Approprior)
   (Address)
   (Town)
   County of Yellowstone
   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
      for irrigation

   3. Date or approximate date of earliest beneficial
      use, and how continuous the use has been
      July 1954

   4. The amount of groundwater claimed (in miner's
      inches or gallons per minute)
      25 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
      Ownership

   6. The means of withdrawing such water from the
      ground and the location of each well or other
      means of withdrawal
      Centrifugal pump on Lot 21, Block 5

   7. The date of commencement and completion of the construction of the well, wells,
      or other works for withdrawal of groundwater
      July 1954

   8. The depth of water table
      about 10'

   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
      Driven springpoint well approximately 20' deep

   10. The estimated amount of groundwater withdrawn each year
      2,000,000 gallons

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

   12. 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 records
      The above facts are true

   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 & Recorder; Duplicate to the State Engineer; Triplicate
to the Montana Bureau of Mines and Geology, and Quadruplicate for the appropriator.

18436
DECLARATION of VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator: Victor Adam
   Address: St. Mary
   Town: Teton
   County of: Missoula
   State of: Montana

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

3. Date or approximate date of earliest beneficial use and how continuous the use has been:
   January 1, 1948

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

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:
   100 acres, T.14N. R.18W., Sec. 13

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Drilled well, T.14N. R.18W., Sec. 13

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   1948

8. The depth of water table:
   14 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 well, T.14N. R.18W., Sec. 13

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

11. The log of formations encountered in the drilling of each well if available:
    [Log not provided]

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:
    [Reference not provided]

Signature of Owner:
[Signature]
Date: 1/20/1964

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk & Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the appropriator.
DECLARATION of VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

(Name of Appropriator) (Address) (Town)
County of Yellowstone — 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

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

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

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

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

1. Northern Pacific Railway Co., Stanley
   (Name of Appropriator) (Address) (Town)
   County of Yellowstone, 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 heating purposes

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Jan. 23, 1948

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 3 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: None

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:
   Started Dec. 4, 1948 Completed Dec. 22, 1948

8. The depth of water table: 12 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:
   A 108' well drilled, 150' deep

10. The estimated amount of groundwater withdrawn each year: 200,000 gallons

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

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

Signature of Owner: [Signature]
Date: Nov. 8, 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.
### Water Analysis - 12/27-48

<table>
<thead>
<tr>
<th>Component</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium bicarbonate</td>
<td>0.5 G.P.G.</td>
</tr>
<tr>
<td>Magnesium</td>
<td>0.0 &quot;</td>
</tr>
<tr>
<td>Sodium</td>
<td>17.4 &quot;</td>
</tr>
<tr>
<td>Carbonate</td>
<td>6.8 &quot;</td>
</tr>
<tr>
<td>Sulfate</td>
<td>9.3 &quot;</td>
</tr>
<tr>
<td>Chloride</td>
<td>1.8 &quot;</td>
</tr>
<tr>
<td>Silica</td>
<td>0.32 &quot;</td>
</tr>
<tr>
<td>Iron</td>
<td>3.5 P.P.M.</td>
</tr>
<tr>
<td>pH</td>
<td>8.8</td>
</tr>
<tr>
<td>Total dissolved solids</td>
<td>48.7 G.P.G. (actual)</td>
</tr>
<tr>
<td>Turbidity</td>
<td>25 on standing</td>
</tr>
</tbody>
</table>

Note: See file 1046-4, for drilling and test data, Office of Engineer of Water Service, St. Paul.

---

**STATE OF MONTANA:**

County of Yellowstone,

This instrument was filed in my office this 15th day of Apr., 1948, at 10:30 o'clock M.

Edmon S. Redding,  
County Clerk & Recorder  
**Deputy**
HUNTLEY, MONT. AFE. 825-48. DEPOT.
6' Well, 55' Deep.
Drilled by E.A. Bodin, N.P.R.Y.

Water Analysis, 12/27-48

<table>
<thead>
<tr>
<th>Parameter</th>
<th>G.P.G.</th>
<th>CaCO3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium bicarbonate</td>
<td>0.5</td>
<td></td>
</tr>
<tr>
<td>Magnesium</td>
<td>0.0</td>
<td></td>
</tr>
<tr>
<td>Sodium</td>
<td>17.4</td>
<td></td>
</tr>
<tr>
<td>Carbonate</td>
<td>6.8</td>
<td></td>
</tr>
<tr>
<td>Sulfate</td>
<td>9.3</td>
<td></td>
</tr>
<tr>
<td>Chloride</td>
<td>1.8</td>
<td></td>
</tr>
<tr>
<td>Silica</td>
<td>0.32</td>
<td></td>
</tr>
<tr>
<td>Iron</td>
<td>3.5</td>
<td>P.P.M.</td>
</tr>
<tr>
<td>pH</td>
<td>8.8</td>
<td></td>
</tr>
</tbody>
</table>

Total dissolved solids: 48.7 G.P.G. (actual)
Turbidity: 25 on standing.


LOCATION PLAN
Scale 1" = 100'

VERT. SCALE 1" = 10'
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Lawrence E. Gerena, of Huntley
   (Name of Appropriator) (Address) (Town)
   County of Yellowstone 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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1942. To date:

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

   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 for irrigation

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
      4 horse power electric motor

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

   8. The depth of water table: This vein tanned at sixty 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:
      Six-inch-casing and drilled to depth of sixty-five feet approximately

   10. The estimated amount of groundwater withdrawn each year 52. Knuff for two households

   11. The log of formations encountered in the drilling of each well if available: I do not have one

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

   Signature of Owner

   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 1964
(Under Chapter 237, Montana Session Laws, 1961)

1. Lawrence E. Owens
   (Name of Appropriator)
   of
   (Address)
   (Town)

County of Yellowstone
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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been to date.
   About 1948 to date

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

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 for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   4 horse power electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   Do not remember

8. The depth of water table.
   Forty five feet and drilled to 48 or 49 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.
   48 or 49 feet six inch casing. Drilled to about

10. The estimated amount of groundwater withdrawn each year.
   Not for two households.

11. The log of formations encountered in the drilling of each well if available.
   Well was drilled by L. S. Anderson.

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

Signature of Owner: ____________________________
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; Tripliicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
County of Yellowstone
This instrument was filed in my
this_—day at —— at —— o'clock ——
at —— o'clock ——
Rt Hon. S. ——
County Clerk of Jefferson

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

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

1. Mrs. Bruce L. Peterson of Huntley, Montana
   County of Yellowstone, 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
      for irrigation

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      1959

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      25 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
      60 acres, Lot 11, Sec. 13, T.24N.R.27E.
      Owner - Bruce L. Peterson

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
      Cent. Pump on lot 13

   7. The date of commencement and completion of the construction of the well or other works for withdrawal of groundwater
      1967

   8. The depth of water table
      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
      Sandpoint - Driven well

   10. The estimated amount of groundwater withdrawn each year
      2,250,000 gal.

   11. The log of formations encountered in the drilling of each well if available
      N/A

   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
      N/A

   Signature of Owner
   Bruce L. Peterson

   Date 12-29-63

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 School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Mrs. Bessie L. Peterson, of Huntley
   County of Yellowstone, State of Montana
   declare to 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 rural use for the home,

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   About 1922
   Since

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   10 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
   None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Hwy. 26 Sec.25 T.23N R.27E
   Indicate point of appropriation and place of use, if possible.
   Each small square represents 10 acres.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   About 1922

8. The depth of water table
   About 10 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 30 ft.

10. The estimated amount of groundwater withdrawn each year
    175,000 gal.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
    Dye statement a-1317

Signature of Owner

Date

Three copies to be filed with 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.
**Landowner:** REIPE SCHMIDERMANN  
**Address:** Huntley, Montana  
**Driller:** L. E. Anderson  
**Address:** Billings, Montana  
**Date Started:** Dec. 20, 1954  
**Date Completed:** Dec. 27, 1954  
**Location:** Sec. 24, T. 27 N., R. 66 W., Block 66, Huntley Township  

### Water Well Information

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Drilled (D), driven or drilled (D), or dug (D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Well Use</td>
<td>Domestic, Municipal, Irrigation (I), etc.</td>
</tr>
<tr>
<td>Groundwater</td>
<td>Domestic, Municipal, Irrigation (I), etc.</td>
</tr>
<tr>
<td>Screened</td>
<td>Yes (Y), No (N), or None (N)</td>
</tr>
<tr>
<td>Pressure</td>
<td>20 feet</td>
</tr>
<tr>
<td>Depth of Test</td>
<td>52 feet</td>
</tr>
<tr>
<td>Type of Well</td>
<td>Cabel Tester and 2&quot; Jet Pump</td>
</tr>
</tbody>
</table>

**Remarks:** Details on well maintenance and usage.

---

**Form No. 8**  
A-60  
**State Engineer:**
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Ralph E. Schmiedeke
Address: Huntley, Mont.

Driven by owner: Address Huntley, Mont.

Date of Notice of Appropriation of Groundwater: Oct. 1, 1963
Date well started: Oct. 1, 1963
Date Completed: Oct. 1, 1963

Type of well: Driven
Equipment Used: Sandpoint

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>Depth of Bottom (Feet)</th>
<th>Size and Weight of Cutting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Discharge in g.p.m. of flowing well</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>4&quot;</td>
<td>29&quot;</td>
<td>1944</td>
<td>120466</td>
</tr>
</tbody>
</table>

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

Shut-in Pressure for Flowing Well: ______________________

Pumping Water Level: 25 feet at 400 gal. per minute.

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.

Driller's License Number: ______________
Driller's Signature: ____________________

This form to be prepared by driller, and three copies to be filed by the owner and 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 Approporator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator: [Name of Appropriator]
   Address: [Address]
   Town: [Town]
   County of: [County]
   State of: [State of Montana]

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: 1907 continuously

4. The amount of groundwater claimed (in miners' inches or gallons per minute): 4 gals. per min.

5. If used for irrigation, give the acresage and description of the lands to which water has been applied and name of the owner thereof: 2 acres at Huntley Leichlender's residence

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1904

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: 50 ft. casing 15 ft. pump

10. The estimated amount of groundwater withdrawn each year: 7 acre-foot

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: The water is used for domestic, household, stock watering, and similar purposes by employees of the United States or its agents at the Huntley Leichlender's residence in connection with operation and maintenance of the Huntley Reclamation Project.

United States of America,
Signature of Owner: [Signature]
For Regional Director, Region 6, Bureau of Reclamation
Date: December 24, 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 Yellowstone

This instrument was filed in my office
this 19 day of March 19...

at 9:02 o'clock A.M.

Edmon S. Rodding
County Clerk & Recorder

By
Deputy
## DRILLER’S LOG

**Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.**

### 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:** Doniel A. Wicket

**Address:** Box 677, Huntley, Mont.

**Date well started:** 8/21/70

**Completed:** 8/10/70

**Type of well:** Drilled

(Dug, driven, bored or drilled)

**Equipment used:** Cable

(Chum drill, rotary or other)

---

**Water Use:**

- Domestic □
- Municipal □
- Stock □
- Irrigation □
- Industrial □
- Drainage □
- Other □
- Garden/Lawn □

**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:** 150,000

**Top of Ground:**

<table>
<thead>
<tr>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1</td>
<td>10.0</td>
</tr>
<tr>
<td>10.1</td>
<td>Sand and Gravel</td>
</tr>
<tr>
<td>10.2</td>
<td>Eocene Sandstone</td>
</tr>
<tr>
<td>10.3</td>
<td>Water at 531</td>
</tr>
</tbody>
</table>

---

- **Driller’s Signature:**
- **License No.:**

---

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

---

**Driller’s Address:** 1065 Wimemull Lane

**+ D. DRILLING BILLING:**

**BILLING:**

---

**Driller’s Name:**

---

**Address:**

---

**Date:**

---

**Perforations:**

- Static water level: 20 ft.
- Pumping water level: 18 ft.
- Power: 3 HP
- Remarks: (Gravel packing, cementing, packers, type of shutoff)

---

**Drive Shire Used:**

---

**Lot 1 Block 7 Huntley Mont.**

---

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

---

**Driller’s Address:** 1065 Wimemull Lane

---

**+ D. DRILLING BILLING:**

**BILLING:**

---

---

**County:**

---

**Indicated depth of bottom:**

---

**Signature:**

---

**License No.:**

---

**Date:**

---

**Show exact depth of bottom:**

---

**Submitted by:**

---

---
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: DONALD A. WICKER
Address: Box 87
Huntley, Mont.

Date well started: 8/11/70
completed: 8/10/70

Type of well: Drilled

Equipment used: CABLE

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 sites and location or other data (i.e. lot, block and addition).

ESTIMATED ANNUAL WITHDRAWAL: 160,000

Top of Ground

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Top soil</td>
</tr>
<tr>
<td>10.28</td>
<td>Sand/Gravel</td>
</tr>
<tr>
<td>21.56</td>
<td>Sand/Rock</td>
</tr>
</tbody>
</table>

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

Driller’s Signature: [Signature]
Driller’s Address: 835 Woodville Lane

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

Driller’s Signature: [Signature]
Driller’s Address: 835 Woodville Lane
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

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

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

Owner: Donald A. Wickre

Address: Box 67, Huntley, MT

Date well started: 8/1/70
Completed: 8/10/70

Type of well: Drilled

Equipment used: CABLP

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): 180.680

Estimated Annual Withdrawal: 180,000

Static water level
Pumping water level
at 18\(\text{gallons per minute, measured 15 minutes after pumping began.}

*Measured from ground level.
Well developed by H.S for 4 hours.

Power: Pump 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.

Copy: R. Lange

Driller's Address: 555 Winemiller Lane

D. DRILLING  LICENSE NO. 186
5/16/70  5/6/70
DECLARATION of VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

Yellowstone Valley Electric Coop., Inc., of Huntley, Montana

County of Yellowstone

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 for office building

3. Date or approximate date of earliest beneficial use; show continuous 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 records

Yellowstone Valley Electric Coop., Inc.

Signature of Owner: [Signature]

Date: December 1, 1962

Manager

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

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

1. **Oscar Heide**, of [Address]
   - County of [County]
   - State of [State]
   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
   - [Use Type]

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   - [Year]
   - [Continuous Use]

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

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
   - [Acreage]
   - [Description]
   - [Owner]

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   - [Withdrawal Method]
   - [Location]

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

8. The depth of water table
   - [Depth]

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
   - [Specifications]

10. The estimated amount of groundwater withdrawn each year
    - [Amount]

11. The log of formations encountered in the drilling of each well if available
    - [Formation Log]

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
    - [Reference]

---

Signature of Owner **Oscar Heide**
Date **Dec 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 School of Mines and Quadruplicate for the Appropriate.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Oscar Heinke, of 303 Bills,
   County of Yellowstone, State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Mar. 10, 1948

8. The depth of water table
   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
   13 feet

10. The estimated amount of groundwater withdrawn each year
    100,000 gal

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

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

Signature of Owner

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 School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODES
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 257, Montana Session Laws, 1961)

1. Caesar Haize of Rte 3, Billings
   County of Yellowstone, 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
      Dec 30, 1948

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

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

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

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

   8. The depth of water table
      7 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
      ____________

   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: Caesar Haize
   Date: Dec 27, 1963

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

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

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

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

1. Oscar Heineke of Pk 3, Billings
   County of Yellowstone, 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
      Farm, Home Use

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      About 8 mos. a year

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      Jan 1, 1955 drawn & 11/2" pipe used

   8. The depth of water table
      7 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
      75000

   11. The log of formations encountered in the drilling of each well if available
      Hit gravel about five feet from top of water

   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
   Oscar Heineke
   Date Dec 27, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
DECLARATION of VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of Appropriator</td>
<td>Brown, John D.</td>
</tr>
<tr>
<td>Address</td>
<td>123 Main St, Billings</td>
</tr>
<tr>
<td>County of</td>
<td>Yellowstone</td>
</tr>
<tr>
<td>State of</td>
<td>Montana</td>
</tr>
</tbody>
</table>

Groundwater has been appropriated according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use: 1945.

4. The amount of groundwater claimed (in inches or gallons per minute): 100 gallons.

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: 50 acres.

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

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: 25 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: Volumetric well.

10. The estimated amount of groundwater withdrawn each year: 15,000 gallons.

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

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

Signature of Owner: John D. Brown
Date: 01/31/62

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

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