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
WALTER GEORGE SALDER
Address
WORDEN, MONT.

Date well started JULY 1970
Date well completed JULY 1970

Type of well DRILLED
Equipment used ROTARY

Water Use: Domestic [ ] Municipal [X] Stock [ ] Irrigation [X]
Industrial [ ] Drainage [ ] Other [ ] Gardener/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 5,000 GALLONS

<table>
<thead>
<tr>
<th>Depth</th>
<th>Diam.</th>
<th>Flow</th>
<th>Holes</th>
<th>Feet</th>
<th>1/2&quot; Holes</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>4</td>
<td>60</td>
<td>45</td>
<td>59</td>
<td>57</td>
</tr>
</tbody>
</table>

Static water level 30 ft
Pumping water level 45 ft
at 60 gallons per minute, measured minutes after pumping began.
*Measured from ground level.
Well developed by
for
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of cutoff)

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

Driller's Signature CONSOL
Driller's Address LICENSE UNKNOWN
Show exact depth of bottom

51476
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Name of Appropriator: [Name]
   Address: [Address]
   Town: [Town]
   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: [Stock]

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

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: [Means]
   [Location]

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

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]
   [Well size and depth]
   [Other works]

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 The estimated amount of groundwater withdrawn each year: [Amount]

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

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the 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. Fred A. Halvorsen, of 
   (Name of Appropriator) 
   (Address) 
   (Town) 
   County of Yellowpine, 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
   (commentary)

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   5 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
   Pump X motor

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
   1945

8. The depth of water table
   10 ft. below

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
   200 ft. deep

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
    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
    Not available

Signature of Owner: Fred Halvorsen
Date: A.M. March

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)

I, [Name of Appropriator], (Address) (Town) of [Name of Location], (State of) Montana,
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. The beneficial use on which the claim is based

2. The date of withdrawal: [Date]

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: [Sept 15th, 1943] Continued

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 10 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: [None]

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Sept 15th, 1943; Completed Sept 18, 43

8. The depth of water table: 30 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: [None]

10. The estimated amount of groundwater withdrawn each year: 800,000 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: [None]

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

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

Place 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 County Bureau of Mines and Geology, and Quadruplicate for the appropriator.
<table>
<thead>
<tr>
<th>Form No.</th>
<th>18</th>
</tr>
</thead>
<tbody>
<tr>
<td>COUNTY</td>
<td>Yellowstone</td>
</tr>
<tr>
<td>DATE</td>
<td>7. 26a</td>
</tr>
</tbody>
</table>

STATE ENGINEER

Owner: Sam Smedling
Address: Musselshell

Driller: Anderson Drilling Co.
Address: Billings

Date Started: Sep. 16, 1943
Date Completed: Sep. 18, 1943

Location: Sec. 23 T. 61 R. 26E; Sec. 33 1

<table>
<thead>
<tr>
<th>Water Well No.</th>
<th>1</th>
</tr>
</thead>
</table>

Type of well drilled: churn drill

Water use:
- Domestic
- Muncial
- Irrigation
- Industrial
- Drains
- Other

Type of screen or perforations: unknown type

Static water level, for non-flowing well: 30 feet

Test pressure for flowing wells: th., ps., in. un.

Pumping water level: 45 feet at 10 psi per ft.

Hyd. tested: pump

Length of test: 2 hr.

Remarks: Travel packing, cementing, packers, type of shut-off, depth of shut-off
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 287, Montana Session Laws, 1961)

1. \[\text{Name of Appropriator}\] \(\text{of}\) \(\text{Address}\) \(\text{(Town)}\)

County of \text{Yellowstone} \State of \text{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 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 \[\text{Signature}\]

Date \[\text{Date}\]

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.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frank Moore</td>
<td>Working, Mont.</td>
<td>Claude Sanders</td>
<td>1141, Miles Ave.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/25/1951</td>
<td>8/15/1951</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location:</th>
<th>Sec.</th>
<th>T.</th>
<th>R.</th>
<th>NW</th>
<th>SE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>26</td>
<td>6</td>
<td>38</td>
<td></td>
<td>SE</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Water use:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td></td>
</tr>
<tr>
<td>Municipal</td>
<td></td>
</tr>
<tr>
<td>Stock</td>
<td></td>
</tr>
<tr>
<td>Irrigation</td>
<td></td>
</tr>
<tr>
<td>Industrial</td>
<td></td>
</tr>
<tr>
<td>Drainage</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ft. to 14 ft.</td>
<td>Black</td>
<td>6 in.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 ft. to 146 ft.</td>
<td>Galvanized</td>
<td>8 in.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ft. to 14 ft.</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Static Water level:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Feet.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure:</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>(date)</th>
<th></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Feet at:</td>
<td></td>
</tr>
</tbody>
</table>

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

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

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>clay</td>
</tr>
<tr>
<td>4</td>
<td>shale</td>
</tr>
<tr>
<td>90</td>
<td>sand-lack</td>
</tr>
<tr>
<td>110</td>
<td>shale</td>
</tr>
<tr>
<td>125</td>
<td>sand-lack</td>
</tr>
<tr>
<td>140</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. (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 ...

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

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

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

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

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

8. The depth of water table ...

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

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

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

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

Signature of Owner ...

Date ...

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the 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. (Name of Appropriator) of (Address) of (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: [State]

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: [Specify]

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

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: [Specify]

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

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

8. The depth of water table: [Specify]

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: [Specify]

10. The estimated amount of groundwater withdrawn each year: [Specify]

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

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: [Specify]

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines 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: Bill Wegner
Address: Wordey, Mont.
File #: 927390
Date well started: Dec. 1979
Date well completed: June 28, 1979
Type of well: Bored
Equipment used: Rotary
Water Use: Domestic
Industrial
Drainage
Other

*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: [Blank]

[Diagram of well location and water level]

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

Driller's Signature: Mobile Oil Corp. Exploration
Driller's Address: P.O. Box 5444, Denver, Colo.

Top of Ground (Elev. above sea level)

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.30 CLAY</td>
<td>56.60 CLAY W/ VGF GRN</td>
</tr>
<tr>
<td>60.10 CLAY</td>
<td>60.10 CLAY W/ VGF GRN</td>
</tr>
<tr>
<td>100.14 CLAY W/ VGF GRN</td>
<td>100.40 CLAY</td>
</tr>
</tbody>
</table>

460 FEET show exact depth of bottom

53,978
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. **Bill Johnson**
   - **(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:

<table>
<thead>
<tr>
<th>Section</th>
<th>Range 30</th>
<th>Township 17 E</th>
</tr>
</thead>
<tbody>
<tr>
<td>S W 1/4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   - 1952
   - 1952
   - 1952
   - 1952
   - 1952

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   - Windmill and cylinder type pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   - **April 1951**

8. The depth of water table
   - 41 feet from surface.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   - Drilled well 6-inch hole and 70 ft deep.

10. The estimated amount of groundwater withdrawn each year
    - 00,000 gallons per year

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
    - Not available

---

Signature of Owner: **Bill Johnson**
Date: **Jan. 25, 1962**

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)

1. Millerman, William
   (Name of Appropriator)
   (Atn.: Helena)
   (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

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)

1. **Bill Johnson**
   - (Name of Appropriator)
   - (Address)
   - (Town)
   - County of **Kalispell**
   - 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>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
</tr>
<tr>
<td>S</td>
</tr>
</tbody>
</table>

   **SE 1/4 Sec. 11, T. 16 N., R. 84 W.**

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

   Each small square represents 10 acres.

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
   - Completed 1992
   - From 3 to 12 months per year

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   - **Cylindrical type pump and electric motor**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   - Well completed in March 1992

8. The depth of water table
   - 43 ft. from the surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   - Drilled well with six inch hole and 100 ft. deep

10. The estimated amount of groundwater withdrawn each year
    - 100,000 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**
   - **Bill Johnson**
   - **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.
# WATER WELL LOG

**Owner:**

**Address:**

**Driller:**

**Address:**

**Date Started:**

**Date Completed:**

**Location:** Sec. 33, T. 60 N., R. 28 W. 3/4

**Type of well:** Drilled

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

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

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

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

**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 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</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>14</td>
</tr>
<tr>
<td>14</td>
<td>35</td>
</tr>
<tr>
<td>35</td>
<td>55</td>
</tr>
<tr>
<td>55</td>
<td>60</td>
</tr>
<tr>
<td>60</td>
<td>100</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: BILL WEBER
Address: WURDEN, MONT.

Driller: CLYDE SANDO
Address: 1141 MILES AVE, BILLINGS, MONT.

Date of Notice of Appropriation of Groundwater.
BILLINGS, MONT. AUG 30, 1965

Date completed.
AUG 30, 1965

Type of well.
Drilled (Churn, drill or
Oil or other)

Equipment Used.

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 Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERCUSSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 9/16&quot;</td>
<td>6&quot; x 16 hcp.</td>
<td>0</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>2&quot;</td>
<td>8' upper</td>
<td>0</td>
<td>6'</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well 40 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level.

Discharge in gal. per min. of flowing well

How Tested.

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

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

Show exact depth of bottom.

Driller's License Number

Driller's Signature

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

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

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

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

1. Bill Hager, of Jordan, Montana
   (Name of Appropriator) (Address)
   (Town)
   County of Meagher, State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   2. The beneficial use of which the claim is based

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

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

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

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

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

   8. The depth of water table

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

   10. The estimated amount of groundwater withdrawn each year

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

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

   Signature of Owner

   Date

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
## Water Well Log

**Owner:** Bill Lyon  
**Address:**  

**Driller:** Clyde Lunds  
**Address:**  

**Date Started:** Dec. 2, 1957  
**Date Completed:** Dec. 5, 1957  

**Location:** Sec. 32, T. 2 N. R. 28 1/2 sec.  

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

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

**Casing:**  
- 0 ft. to 100 ft. Type: galvanized  
- Size:  

**Perforated or Screened:**  
- Ft. to Ft. Type: screen  
- Size:  

**Type of screen or perforations:**  
- Open bottoms  

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

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

**Pumping water level:**  
- feet at: 10 gal. per min.  

**How tested:**  
-  

**Length of test:**  
-  

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

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>14</td>
</tr>
<tr>
<td>14</td>
<td>35</td>
</tr>
<tr>
<td>35</td>
<td>55</td>
</tr>
<tr>
<td>55</td>
<td>95</td>
</tr>
<tr>
<td>95</td>
<td>103</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Fred J. Marsh, of Warden
   (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
      Irrigation

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      March 1, 1967
      100% continuously

   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
      10 acres
      Fred Marsh

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      Started: 1967
      Completed: 1967

   8. The depth of water table
      30 ft. to water

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
      Well: 100 ft. deep

   10. The estimated amount of groundwater withdrawn each year
      1,500,000

   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
      Not available

   Signature of Owner
   Fred Marsh
   Date 12/10/63

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.
Name of Appropria

Address

Town

County

State

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

1. The beneficial use on which the claim is based

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

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

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

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

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

7. The depth of water table

8. 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

9. The estimated amount of groundwater withdrawn each year

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

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

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, State Engineer)

1. Alan K. Boos - (name of appropriator)
   County of Musselshell - 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: Livestock

3. Date or approximate date of earliest beneficial use: Pryor to 1940 - Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 7 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: Pump & Windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Pryor to 1940

8. The depth of water table: 70 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: 750,000 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:
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 Quaduplicate for the appropriator.

18417
<table>
<thead>
<tr>
<th>Form No.</th>
<th>8-60</th>
</tr>
</thead>
<tbody>
<tr>
<td>COUNTY</td>
<td>Yellowstone</td>
</tr>
<tr>
<td>Name</td>
<td>Owner</td>
</tr>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>Started</td>
</tr>
<tr>
<td>Location</td>
<td>sec. 36, 6N, R. 26E</td>
</tr>
<tr>
<td>Type of well drilled</td>
<td>churn drill</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic</td>
</tr>
<tr>
<td>Casing 0 ft. to 50 ft.</td>
<td>Type</td>
</tr>
<tr>
<td>Casing 50 ft. to 150 ft.</td>
<td>Type</td>
</tr>
<tr>
<td>Porf. or screened</td>
<td>Ft.</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td>unknown</td>
</tr>
<tr>
<td>Static water level, for non-flowing well</td>
<td>7 ft.</td>
</tr>
<tr>
<td>Shut-in pressure for flowing well</td>
<td>0 lb./sq. in. on:</td>
</tr>
<tr>
<td>Pupping water level</td>
<td>125 ft.</td>
</tr>
<tr>
<td>How tested</td>
<td>cm.</td>
</tr>
<tr>
<td>Length of test</td>
<td>5 hr.</td>
</tr>
<tr>
<td>Remarks</td>
<td>Travel packer, cementing, packers type of shut-off, depth of shut-off</td>
</tr>
</tbody>
</table>

Well was drilled prior to purchase of ranch.

Information based on performance of well.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>17</td>
<td>Snyder, Walter George</td>
<td>GW 1</td>
<td>719741</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Holcomb, Ben K</td>
<td>GW 1</td>
<td>719741</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Moor, George Doyle</td>
<td>GW 1</td>
<td>719741</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Hudson, Merle</td>
<td>GW 1</td>
<td>721811</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>O'Brien, Ray E. Raymond</td>
<td>GW 1</td>
<td>721657</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4 Stephen S</td>
<td>GW 1</td>
<td>721657</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>O'Brien, Amy E. Raymond</td>
<td>GW 1</td>
<td>721056</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4 Stephen S</td>
<td>GW 1</td>
<td>721056</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Chepauket, Forrest T</td>
<td>GW 1</td>
<td>721275</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Thelma</td>
<td>GW 1</td>
<td>721275</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Bureau of Land Management</td>
<td>GW 1</td>
<td>725471</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Hudson, Merle</td>
<td>GW 1</td>
<td>721812</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Bureau of Land Management</td>
<td>GW 1</td>
<td>721542</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Pern, Glen K</td>
<td>GW 1</td>
<td>721652</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Walker, A E</td>
<td>GW 3</td>
<td>721652</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>Pern, Glen K</td>
<td>GW 4</td>
<td>721651</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>Speeding, Sara</td>
<td>GW 3</td>
<td>721651</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Hudson, Merle</td>
<td>GW 4</td>
<td>721810</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

[Name of Appropriator] of [Address] in [Town] County of [County], State of [State] have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. The beneficial use on which the claim is based.
2. The date or approximate date of earliest beneficial use, and how continuous the use has been.
3. The amount of groundwater claimed (in miner’s inches or gallons per minute).
4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
7. The depth of water table.
8. 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.
9. The estimated amount of groundwater withdrawn each year.
10. The log of formations encountered in the drilling of each well if available.
11. Such other information of a similar nature as may be useful in carrying out the policy of this act.

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

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

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

8-60

---

**County:** Yellowstone

**MONTANA BUREAU OF MINES AND GEOLOGY**

**Butte, Montana**

**Water Well Log**

<table>
<thead>
<tr>
<th>Owner</th>
<th>George Doyle Marsh</th>
<th>Address</th>
<th>Gordon, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Clyde Sande</td>
<td>Address</td>
<td>Billings, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>1946</td>
<td>Date Completed</td>
<td>1946</td>
</tr>
<tr>
<td>Location: Sec. 10 T. 6 R. 28 E. 1/4 sec. S.E. qtr.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Type of well:** Drilled

**Equipment used:** Drill (Auger, drill, rotary, other)

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

Industrial [ ] Drainage [ ] Other [ ]

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 500 ft.</th>
<th>Type</th>
<th>Size 6&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
</tbody>
</table>

**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:** 200 feet at 4 gal. per min.

**How tested:**

**Length of test:**

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

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

1. **Mark Hudson**, of Missoula, Mont., 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 is just.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1947 and used continuously.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1947.

8. The depth of water table: about 100 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: 8-in. casing = 620 ft. deep, windmill.

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

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: not known.

Signature of Owner: Mark Hudson

Date: 12/30/63

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA,
County of Yellowstone,
This instrument was filed and offered for record on this 10th day of December, 1923, at 7:56 o'clock A. M.

Edwin S. Hedding,
County Clerk & Recorder

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

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

(Name of Appropriator) (Address) (Town)
County of ____________________ State of ____________________

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

1. _______ 2. _______ 3. _______ 4. _______ 5. _______
   _______ 6. _______ 7. _______ 8. _______ 9. _______ 10. _______
   _______ 11. _______ 12. _______

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

AMOUNT OF GROUNDWATER CLAIMED (in miner's inches or gallons per minute): 4 GAL. PER. MINUTE.

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

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

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

The type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.

The estimated amount of groundwater withdrawn each year.

The log of formations encountered in the drilling of each well.

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 Quadriplicate 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)

[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. STOCK WATER.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. EARLIEST DATE NOT KNOWN.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 5 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. NOT USED FOR IRRIGATION.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. CYLINDER AND RODS, ON THE MINE OF SW 1/4, SEC. 24, T. LDR. 29E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. NOT KNOWN.

8. The depth of water table. ABOUT 240 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. PUMP, JACK, AND ELECTRIC MOTOR, DEPTH OF WELL ABOUT 240 FT.

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

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. NO RECORD KNOWN.

Signature of Owner

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 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 2nd day of DEC 27, 1863

Count

[Signature]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

[Name of Appropriate] (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:

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

2. Date or approximate date of earliest beneficial use: June 1, 1919

3. Amount of groundwater claimed (in miner's inches or gallons per minute): 150

4. If used for irrigation, give the acreage and description of the lands to which water has been applied: 100 acres, East F3 T5 S

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

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Aug 19, 1919

7. The depth of water table: 163 ft

8. So far as it may be available, the type, size and depth of each well: 100 ft

9. The estimated amount of groundwater withdrawn each year: 284,000 gallons per year

10. Signature of Owner: [Signature]

Date: Dec 2, 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 21, Montana Session Laws, 1965)

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: [Date] and continuous use to present date

4. The amount of groundwater claimed: [Amount] 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: [Date]

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:

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

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:

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.

Bureau of Land Management

By: [Signature]
District Manager

Date: [Date]
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Mark Hudson, of Townsend, Montana
   (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: Wells

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1961

   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: 10 acres, Brown County, Montana

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

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

   8. The depth of water table: 260 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: 100 ft, 6 in. diameter, 10 HP pump

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

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

   Signature of Owner: Mark Hudson
   Date: 12/30/63

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA.\nCounty of Yellowstone.

This instrument was filed in my office
this day of \ DEC 31, 1903 \at 4 P.M.

Edwin S. Halling,
County Clerk & Recorder

By \ Jan \ Deputy
Declaration of Vested Groundwater Rights
(Under Chapter 21, Montana Session Laws, 1965)

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

   N

   W

   E

   S

   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
   Stockwater and water for wildlife

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   8/30/40 and continuous use to present date.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Commencement date unknown but completed 8/30/40

8. The depth of water table
   40 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   Depth: 83 feet
   casing size: 6"
   Type: Stockwater and wildlife water well

10. The estimated amount of groundwater withdrawn each year
    144,000 gallons per year

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

   Bureau of Land Management
   By: [Signature]
   District Manager
   Date: 9/14/45

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)

1. John E. Jones  of Musselshell
   (Name of Appropriator)  (Town)
   (Address)

   County of Musselshell  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—Livestock—

   3. Date or approximate date of earliest beneficial
      use, and how continuous the use has been—Oct. 15th, 1947—

   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—Oct. 12, 1947—Oct. 13th, 1947—

   8. The depth of water table—50. Feet—

   9. To 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—600,000 Gal. per Yr.——

   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, ss.

This instrument was filed in my office this 31st day of March 19__
at 2:00 o'clock P.M.

Edna S. Radding, County Clerk & Recorder

By ___________ Deputy
Form No. 18

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
<th>Water use</th>
<th>Casing</th>
<th>Casing</th>
<th>Casing</th>
<th>Perforated or screened</th>
<th>Type of screen or perforations</th>
<th>Static water level, for non-flowing well</th>
<th>Shut-in pressure, for flowing well</th>
<th>Pumping water level</th>
<th>How tested</th>
<th>Length of test</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Domestic</td>
<td>0 ft.</td>
<td>0 ft.</td>
<td>0 ft.</td>
<td>0 ft. to 81 ft.</td>
<td>Slotting holes</td>
<td>25 feet</td>
<td>lb./sq. in. on:</td>
<td>75 feet at 24 gal. per min.</td>
<td>Water</td>
<td>60 sec.</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>

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

1. Class of User: (name of appropriator)  
   (Town)  

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

2. The beneficial use on which the claim is based:  
   \( \text{LIVESTOCK} \)  

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:  
   \( \text{Sept 18th, 1956} \).  
   \( \text{Continuous} \)  

4. The amount of groundwater claimed (in miner's inches or gallons per minute):  
   \( 3 \text{ Gal per Min} \)  

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:  
   \( \text{Home} \)  

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:  
   \( \text{Pump \\& \#34;Hindell} \)  

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:  
   \( \text{Sept 15th, 1956} \)  

8. The depth of water table:  
   \( 40 \text{ Feet} \)  

9. To 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:  
   \( \text{Reproduced: A pump held, 42 Foot deep} \)  

10. The estimated amount of groundwater withdrawn each year:  
    \( 300,000 \text{ Gallons per Yr.} \)  

11. The log of formations encountered in the drilling of each well if available:  
    \( \text{Not available} \)  

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:  
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 __________ o'clock __________ M.

Edmon S. Headling,
County Clerk & Recorder

By ________ Deputy
**Owner:** Sam Smeding  
**Address:** Roundup

**Driller:** W&G Drilling Co.  
**Address:** Roundup

**Date Started:** Jan 15, 1956  
**Date Completed:** Jan 15, 1956

**Location:** Sec. 32 T. NW. 29E  
**Twp.:** Sec. 34

**Type of well drilled:** Churn driven, or drilled  
**Type of pump used:** Rotary drill

**Water use:** Irrigation

**Casing:** 0 ft. to 40 ft.  
**Type:** Galvanized  
**Size:** 4 in.

**Casing:** 40 ft. to 62 ft.  
**Type:** Sand and rock  
**Size:** 4 in. hole

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

**Perforated or screened:** Ft. to Ft. to Ft.

**Type of screen or perforations:**

**Static water level, for m.n.f.:** 40 feet.

**Shut-in pressure for m.n.f. well:** lb. /sq. in. on:  
**Date:**

**Pumping water level:** feet at 5 gal. per min.

**How tested:** Pump

**Length of test:** 60 min.

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