STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Joyce J. Ferguson
of 702 Fourth Avenue South, Glasgow
County of Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2 domestic wells - A and B

Lot 4 Sec 23 T 27 R 42. 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: domestic and stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: A-1952, continuous, B-1953, continuous

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

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: irrigate 2 acre garden and farm yard

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: A 1952 and 1953, B

8. The depth of water table: Approximately 50 feet each

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 wells, about 14'; about 55 feet deep.

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 The estimated amount of groundwater withdrawn each year: 75,000 gallons each

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: Joyce J. Ferguson
Date: December 31, 1963

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

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

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

Owner: Charles H. Brocksmith
Address: ____________

Driller: Do
Address: ____________

Date of Notice of Appropriation of Groundwater: 14 Dec, 1964
Date well started: 11/17/64
Date completed: ____________

Type of well: Drilled
Equipment used: Yokes auger
(Deg. driven, bored or drilled)

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

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 Well</th>
<th>Depth of Well</th>
<th>Well Type</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 In</td>
<td>6 ft</td>
<td>Caly Tubing</td>
<td>2048</td>
<td>2014</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 2014 ____________ feet.

Shut-in Pressure for flowing well: ____________.
Pumping Water Level: ____________ feet at ____________ gal. per minute.

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

How Tested: ____________

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

Well Drilled by: ____________
Driller's License Number: ____________
Driller's Signature: ____________

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Lawrence A. Rigdon
Address: Bozeman, Montana

Driller: [Name]
Address: [Address]

Date of Notice of Appropriation of Groundwater: June 12, 1966
Date well started: May 16, 1966
Date Completed: July 10, 1966

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

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

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, 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 (feet)</th>
<th>Diameter (inch)</th>
<th>Static Water Level for non-flowing well</th>
<th>Shut-in Pressure for flowing well</th>
<th>Pumps Water Level</th>
<th>Discharge in gal. per min. of flowing well</th>
<th>How Tested</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>5-1/2</td>
<td>30 feet</td>
<td>60 feet at 20 gal. per minute</td>
<td>20 gal. per min.</td>
<td>3 hours</td>
<td></td>
<td>(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)</td>
</tr>
</tbody>
</table>

Show exact depth of bottom.

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

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

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

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

File No. ______

Duplicate
STATE OF MONTANA

County of Valley.

Filed for record

JUL 15, 1964

4:34 P.M.

Ray Redford
County Recorder

By: ________________ Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Max W. Barnes, of Box 275, Nashua
   County of Valley, 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 is Livestock household use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1926 and 1945.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1200 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 by centrifugal pump. Location SW 1/4 SE Sec 26 T 27 R 42.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: August 21, 1926 and September 24, 1926, same day.

8. The depth of water table 27 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. Each well has an inch and a quarter pipe with an 80 gauge sand point and 27 feet deep with centrifugal pump on one end pump jack and electric motor on the other.

10. The estimated amount of groundwater withdrawn each year 365,000 gallons from both wells.

11. The log of formations encountered in the drilling of each well if available Gumbo, first 10 feet, sandy loam, app. next 25 feet and a half feet, and river sand next 21/4 feet.

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 May 28, 1962
Date 5-28-62

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 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

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Charles Brocksmith
Address: Bozeman, Montana

Driller: Boone Whitmer & Sons
Address: Wolf Point, Montana

Date of Notice of Appropriation of Groundwater: Nov. 20, 1962

Date well started: Nov. 20, 1962

Date Completed: Nov. 24, 1962

Top of Ground (Elev. above sea level: 2003)

<table>
<thead>
<tr>
<th>Drift</th>
<th>Wet Sand</th>
<th>Drift</th>
<th>Rocks</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>31</td>
<td>30</td>
<td>108</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>111</td>
</tr>
</tbody>
</table>

Type of well: Drilled

Equipment Used: Cable Tool
(dug, driven, bored or drilled)

Water Use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☑
Industrial ☐ Drainage ☐ Other ☑

Static Water Level for non-flowing Well: 19 feet

Shut-in Pressure for Flowing Well

Pumping Water Level: 10 feet at 32 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: Bull Test

Length of Test: 4 hours

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

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

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

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

Driller's License Number

Driller's Signature
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Charles R. Brocksmithe
Address: Missoula, Montana

Driller: Do
Address: Address

Date of Notice of Appropriation of Groundwater: 12/15/64

Date well started: 12/15/64

Date well completed: 12/26/64

Type of well: Bored

Equipment used: Percussion

(dug, driven, bored or drilled)

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>Well Diameter</th>
<th>Height and Weight of Casing</th>
<th>From to</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 In.</td>
<td>None</td>
<td>2021</td>
<td>2021</td>
</tr>
</tbody>
</table>

2 In pipe used

Static Water Level for non-flowing well: 2021 feet

Shut-in Pressure for flowing well:...

Pumping Water Level: 3021 feet at 50 gal per minute.

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

How tested: Section Pump with Electric motor Length of test: 1 hr

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation). None

Well drilled by owner.

Driller's License Number

Driller's Signature

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Charles H. Brocksmith
Address: Box 69, Glasgow, Montana

Driller: Charles H. Brocksmith
Address: Box 69, Glasgow, Montana

Date of Notice of Appropriation of Groundwater: April 1st
Date Completed: April 30, 1966

Type of well: Drilled
Equipment Used: Drill

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

*32. 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 Casings</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>VELOCITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>F</td>
<td>T</td>
<td></td>
</tr>
</tbody>
</table>

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

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

None

Driller’s License Number

Driller’s Signature

C. H. Brocksmith

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

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

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

MAY 12 1966
at 8:00 o'clock A.M.

County Recorder
Deputy
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 this form may be returned.

Owner: Tom Doney
Address: Fraser, Montana

Date well started: Dec 5, 1970
Date well completed: Dec 9, 1970

Type of Well: Drilled
Equipment used: Cable Tool Rig

Water Use: Domestic D Municipal D Stock D Irrigation D
Industrial D Drainage D Other D Garden/Lawn D

*Describe (Limit: 200 words)...

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot; ID 150'</td>
<td>5 1/2&quot;</td>
<td>0</td>
<td>43</td>
</tr>
</tbody>
</table>

PERFORATIONS

43-inch ID slotted

Static water level: 15 ft.
Pumping water level: 35 ft.

*Measured from ground level.

Well developed by: Diller

Power: Pump, 5 HP
Remarks: (Gravel packing, cementing, packers, type of shut-off)

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

Driller's Signature: Clinton G. Dohrman
Driller's Address: Wolf Point, MT

LICENSE NO. 03

Show exact depth of bottom

443879
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: [Name]
Address: [Address]

Driller: [Name]
Address: [Address]

Date of Notice of Appropriation of Groundwater: [Date]

Date well started: [Date]
Date completed: [Date]

Type of well: [Type]
Equipment Used: [Equipment]

Water Use: [Use]

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

<table>
<thead>
<tr>
<th>Drilled Hole</th>
<th>Size and Weight of Drilling</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Strata</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4 sec 28 T 2 R 42</td>
<td>[Size and Weight]</td>
<td>[From]</td>
<td>[To]</td>
<td>[Kind of Strata]</td>
<td>[From]</td>
<td>[To]</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: [Level]
Shut-in Pressure for Flowing Well: [Pressure]
Pumping Water Level: [Level]
Discharge in gal. per min. of flowing well: [Discharge]
How Tested: [Method]
Length of Test: [Duration]

Remarks: [Information]

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

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

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

Original to the County Clerk and Recorder, duplicate to the State Engineer. Triplicate to the School of Mines and Quadruplicate for the Appropriorator.
| Owner: | Everyone McTinley | Address: | Washica, Wash. |
| Driller: | Address: |
| Date Started: | Oct. 18, 1972 |
| Date Completed: | Oct. 19, 1972 |
| Location: | Sec. 31, T. 17, R. 42 1/2 N. | E. 2 1/4 | 160 Acres |

**Type of well:** Stock<br>
**Equipment used:** (Cement, filter, slurry, other)<br>
**Water use:** Domestic □, Municipal □, Stock X, Irrigation □<br>
**Industrial** □, **Drainage** □, Other: □

**Casing:**
- 35 ft. to 75 ft. □<br>- 75 ft. to 125 ft. □<br>- 125 ft. to 175 ft. □<br>- 175 ft. to 225 ft. □

**Type of screen or perforations:** Yes

**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)

---

**We haven't tested gal per min.**

But there is always plenty of water...
STATE OF MONTANA, County of Valley,Filed for record JUL 1 0 1967

J. B. A. O'Casie G. M.
County Recorder

By "[Signature]", Deputy
**MONTANA BUREAU OF MINES AND GEOLOGY**

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Date Started:** 1949 July 12
- **Date Completed:** 1949 July 12
- **Location:** Sec. 21 T. 27 R. 2 1/4 sec. W. 6

**Type of well: (Bore, driven, bored, or drilled)**

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

**Equipment used:** (Churn drill, rotary, etc.)

- **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:** 80

**Static Water level, for non-flowing well:** 2.2 feet

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

**Pumping water level:** 2.5 feet at gal. per min.

**How tested:**

**Length of test:**

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

"We haven't tested gal. per min, but there's always plenty of water"

(over)
## WATER WELL LOG

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Abe Freese</td>
</tr>
<tr>
<td>Address</td>
<td>Vaughn</td>
</tr>
<tr>
<td>Driller</td>
<td>Carl Palm</td>
</tr>
<tr>
<td>Address</td>
<td>Saco</td>
</tr>
<tr>
<td>Date Started</td>
<td>8/1</td>
</tr>
<tr>
<td>Date Completed</td>
<td>8/2/60</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 35 T. A7 R. 42 W 1/4 sec. SE SE</td>
</tr>
</tbody>
</table>

**Type of Well**
- **Drilled**

**Equipment Used**
- Churn

**Water Use**
- Stock
- Irrigation

**Casing**
- Top: 16 ft. to 14 ft. Type: Black 6 7/8 Size: 4 7/8 ID
- Mid: 14 ft. to 6 ft. Type: Galv 6 7/8 Size: 4 7/8 ID
- Bottom: ft. to ft. Type: Size:

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

**Static Water Level**
- For non-flowing well: 18 feet

**Shut-In Pressure**
- For flowing well: 18 lb./sq. in. on: (date)

**Pumping Water Level**
- 28 feet at 24 gal. per min.

**How Tested**
- bailer

**Length of Test**
- 15 min.

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 3</td>
<td>Top Soil</td>
</tr>
<tr>
<td>3 to 16</td>
<td>Sandy Clay</td>
</tr>
<tr>
<td>16 to 31</td>
<td>Sand</td>
</tr>
<tr>
<td>31 to 32</td>
<td>Clay</td>
</tr>
<tr>
<td>32 to 33</td>
<td>Course Sand</td>
</tr>
<tr>
<td>33 to 55</td>
<td>Small Gravel</td>
</tr>
<tr>
<td>55 to 56</td>
<td>Course Gravel</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 Approporator: Harry E. Otterman
Address: 335 Freyge
County of: Valley
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: Harry E. Otterman
Date: 5-21-62

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 and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Approporator.
STATE OF MONTANA,
County of Valley.
Filed for record.

MAY 21 1962

·

Mary Ann Rida
County Recorder
By Lawrence Jacobson, Deputy
<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>8</td>
<td>Ellogan, M.B.</td>
<td>GW</td>
<td>439578</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>&quot;</td>
<td>H</td>
<td>439578</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Elsic A.</td>
<td>H</td>
<td>439576</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Metzger, Ed</td>
<td>H</td>
<td>437249</td>
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</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)

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

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

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

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 500 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: natural flow, no works constructed

8. The depth of water table: 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:

10. The estimated amount of groundwater withdrawn each year: not known

11. The leg 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: [Signature]

Date: Dec. 12, 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.

12, 1963
TRIPLECTATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

File No. ____________________________

1. Name or business of Appraiser:
   (Name of Appropriator) ____________________________
   (Address) ____________________________
   (Town) ____________________________

   County of ____________________________ State of Montana

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

   1. The location on which the claim is based:

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

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

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

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

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

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

   8. The depth of water table:

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

   10. The estimated amount of groundwater withdrawn each year:

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

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

   Signature of Owner ____________________________
   Date ____________________________

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

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

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

1. Claire A. Eliaason of Prager
   (Name of Appropriator) (Address) (Town)
   County of Valley 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.
   1932 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   500 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.
   251 casing and pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   1952

8. The depth of water table.
   20 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
   26 in casing 20 ft. to water

10. The estimated amount of groundwater withdrawn each year.
    not known

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

Ed Metzger
(Name of Appropnator)

Ed Metzger
(State of Montana)

1. The beneficial use on which the claim is based is stock water and household use.

2. The beneficial use on which the claim is based is stock water and household use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Well No. 1, 1943 and Well No. 2 prior to 1920. Use on both has been continuous.

4. The amount of groundwater claimed (in minor’s inches or gallons per minute): Well No. 1, 4 gals. per minute, Well No. 2, 2 gals. 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: Electric pumps on both wells.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: unknown, but completion dates as set forth in Item 3 above.

8. The depth of water table: Well No. 1, 77 feet, Well No. 2, 24 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: Well No. 1 is a 6’ hole and a 2” pipe, Well No. 2 is a 4’ hole.

10. The estimated amount of groundwater withdrawn each year: Well No. 1, 250,000 gals., Well No. 2, 125,000 gals.

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: Ed Metzger
Date: October 21, 1963

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

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

Original to the County Clerk and Recorder, duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropnator.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Approporator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<tr>
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<td>Elyason, Horley C.</td>
<td>GW H</td>
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<tr>
<td>2</td>
<td>Cotton, Sidney</td>
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<td>Cotton, Sidney</td>
<td>Wall Log</td>
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<td>6</td>
<td>Holtbarg, L. P.</td>
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<td>Ostrom, Joseph</td>
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<td>Barge, George P.</td>
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<td>Long, John H</td>
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<td>Great Northern R R</td>
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<td>Sandvich, Olaf J.</td>
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<td>Banks, Earl R.</td>
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<td>Raman Catholic Bishop</td>
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<td>Elmore, School</td>
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<td>Luce, E. D.</td>
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<td>39</td>
<td>Elyason, Horley C.</td>
<td>Wall Log</td>
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<td>Long, Charles</td>
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<td>Long, Ralph B. and</td>
<td>GW H</td>
<td>438428</td>
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STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 217, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Unit of Measure</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Stock Water</td>
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</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.

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner: __________________________
Date: __________________________

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appraiser.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

County: Valley
State of: Montana

I, Sidney J. Littler, have appropriated ground water according to the Montana laws in effect prior to January 1, 1962, as follows:

1. The beneficial use on which the claim is based: household and farm equipment.

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: October 3, 1960.

3. The amount of groundwater claimed: 1/2 acre.

4. If used for irrigation, give the sewage 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: electric pump.

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1960.

7. The depth of water table: 25 feet.

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: well 1, depth 60 feet.

9. The estimated amount of groundwater withdrawn each year: 6,560 gallons.

10. The log of formations encountered in the drilling of each well if available: 1-9 sandy silt clay, 6-17 sand silt clay, 13-26 sand, 25-50 sand.

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: Water well log file.

Signature of Owner: Sidney J. Littler
Date: 1-1-64

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 Valley

Filed on the 8th day of JAN. 1949

MARY LOU RIDE
Clerk and Recorder
Valley County
Glasgow, Montana
### WATER WELL LOG

**Owner:** Sidney Cotton  
**Address:** Glasgow

**Driller:** C. L. Palm  
**Address:** Soco

**Date Started:** 6/18/60  
**Date Completed:** 6/20

**Location:** Sec. 8, T. 24 N., R. 44 W., M. 1/4

<table>
<thead>
<tr>
<th><strong>Type of well</strong></th>
<th>Drilled</th>
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</table>

**Equipment used:** Chisel

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

**Industrial**  
**Drainage**  
**Other**

**Casing:**
- **Top:** ft. to 50 ft.  
- **Type:**  
- **Size:**  
- **Length:**

**Perforated or Screened:**
- **Top:** 2 ft. to 28 ft.  
- **Type of screen or perforations:**  
- **Size:**

**Static Water level, for non-flowing well:** 26

**Shut-in pressure, for flowing well:** 10 lb./sq. in. on: (date)

**Pumping water level:** 20 feet at: 6 gal. per min.

**How tested:** Flowing

**Length of test:** 4 hr.

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

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(over)
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<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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<td>From</td>
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<td>28</td>
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</table>
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
<th>County</th>
<th>State</th>
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<tbody>
<tr>
<td>Harley C. Eliason</td>
<td>Valley</td>
<td>State of Montana</td>
<td></td>
<td></td>
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</table>

1. Harley C. Eliason, of Fraser, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1926, 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.
   - **1926, continuous**

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   - **500 gallon 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.
   - **drill 10 ft, casing 7 feet to water**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   - **1926**

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.
   - **drill 10 ft, casing 7 feet to water**

10. The estimated amount of groundwater withdrawn each year.
    - **not known**

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: Harley C. Eliason

Date: Dec. 12, 1963

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

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

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

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

1. L. P. HOLTBERG
   (Name of Appropriator)
   of
   (Address) Frazier
   (Town) Montana
   Valley

   I have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

   2. The beneficial use on which the claim is based: **Stock spring**

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **1920 - continuous**

   4. The amount of groundwater claimed (in minor's inches or gallons per minute): **5 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: **Natural flowing spring**

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **1920**

   8. The depth of water table: **Natural spring - flows to 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: **Natural spring**

   10. The estimated amount of groundwater withdrawn each year: **5 gallons per minute year around**

   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**
   L. P. HOLTBERG
   Date: **December 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 to the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Joseph Otrmbo
(Name of Appropriator)
Wolf Point
(Town)

County of Roosevelt
(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: watering livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1955

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

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

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

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

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: not applicable

10. The estimated amount of groundwater withdrawn each year: not applicable

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

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

Signature of Owner

Date: December 15, 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 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. GEORGE R. BERGE, of Frazer, of Valley County, 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
   1. Stock well
   2. Stock well

3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
   1. 1920 - continuous
   2. 1954 - continuous

4. The amount of groundwater claimed (in miner’s inches or gallons per minute):
   1. 10 gallons per minute
   2. 10 gallons per minute

5. If used for irrigation, give the area 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:
   1. Electric pump - located per map
   2. Electric pump - located per map

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   1. 1920
   2. 1954

8. The depth of water table:
   1. 12 feet
   2. 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:
   1. 19’ deep, 4” diameter, dug, 14” pipe
   2. 19’ deep, 4” diameter, dug, 14” pipe

10. The estimated amount of groundwater withdrawn each year:
    1. 750,000 gallons per year
    2. 750,000 gallons per year

11. 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: December 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. GEORGE R. BERGE
   (Name of Appropriator)

   County of Valley, 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:
      1. Stock spring
      2. Stock spring

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
      1. 1920 - continuous
      2. 1920 - continuous

   4. The amount of groundwater claimed (in miner's inches or gallons per minute):
      1. 10 gallons per minute
      2. 10 gallons per minute

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

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
      1. Natural flowing spring
      2. Natural flowing spring

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
      1. 1920 - natural flowing spring
      2. 1920 - natural flowing spring

   8. The depth of water table:
      1. Flows to surface
      2. Flows to 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:
      1. Natural spring
      2. Natural spring

   10. The estimated amount of groundwater withdrawn each year:
      1. 5 gallons per minute year around
      2. 5 gallons per minute year around

   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: December 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; Triplet to the Montana Bureau of Mines and Geology for the Appropriator.
<table>
<thead>
<tr>
<th>Owner</th>
<th>John H. Lee</th>
<th>Address</th>
<th>FRASER, MONT.</th>
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<td>Driller</td>
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<td>Date Completed</td>
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<td>Location</td>
<td>Sec. 87 T. 90 R. 44 §</td>
<td>1/4 sec. 54 W. 36</td>
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**Type of well:**
- Dug, driven, bored, or drilled
- Churn drill, rotary, or jet

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

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

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

**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>Owner</th>
<th>John H. Lane</th>
<th>Address</th>
<th>ERDERTON, MONT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td></td>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td></td>
<td>Date Completed</td>
<td>3/1/1960</td>
</tr>
<tr>
<td>Location: Sec. 37 T. 37 R. M. N.W. 1/4 sec. S.W. 1/4</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**WATER WELL LOG**

<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>Static Water level, for non-flowing well:</th>
<th>Shut-in pressure, for flowing well:</th>
<th>Pumpsing 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></td>
<td>Municipal</td>
<td>Stock</td>
<td>Irrigation</td>
<td>to ft.</td>
<td>to ft.</td>
<td>to ft.</td>
<td>to ft.</td>
<td>Other:</td>
<td>(Gravel packing, cementing, packers types of shut-off, depth of shut-off)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Type:</td>
<td>Size:</td>
<td></td>
<td>Type:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*(date)*

<table>
<thead>
<tr>
<th>Pumpsing water level:</th>
<th>gal. per min:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>How tested:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*(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>1</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>10</td>
<td>11</td>
</tr>
<tr>
<td>12</td>
<td>13</td>
</tr>
<tr>
<td>14</td>
<td>15</td>
</tr>
<tr>
<td>16</td>
<td>17</td>
</tr>
<tr>
<td>18</td>
<td>19</td>
</tr>
<tr>
<td>20</td>
<td>21</td>
</tr>
</tbody>
</table>

**Log of Well**

**From:** 01/01/2022  
**To:** 01/02/2022
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 10</td>
<td>Shale</td>
</tr>
<tr>
<td>10 - 20</td>
<td>Sandstone</td>
</tr>
<tr>
<td>20 - 30</td>
<td>Limestone</td>
</tr>
<tr>
<td>30 - 40</td>
<td>Clay</td>
</tr>
<tr>
<td>40 - 50</td>
<td>Coal</td>
</tr>
</tbody>
</table>

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

1. **L. E. STRATTON**
   (Name of Appropriator)  
   of **FRAZER**
   (Address)  
   (Town)

   County of **VALLE**  
   State of **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:
   1. Household
   2. Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
<table>
<thead>
<tr>
<th>Well</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1945</td>
</tr>
</tbody>
</table>

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
<table>
<thead>
<tr>
<th>Well</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1961</td>
</tr>
<tr>
<td>2</td>
<td>1945</td>
</tr>
</tbody>
</table>

8. The depth of water table:
<table>
<thead>
<tr>
<th>Well</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>20 feet</td>
</tr>
<tr>
<td>2</td>
<td>20 feet</td>
</tr>
</tbody>
</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:
   - Drilled 5" casing
   - Hand drilled 2" wood casing
   - 23' depth

10. The estimated amount of groundwater withdrawn each year:
    | Well | Amount |
    |------|--------|
    | 1    | 6,000 gal |
    | 2    | 75,000 gal |

11. The log of formations encountered in the drilling of each well if available:
   - 48' Blue Shale

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

---

Signature of Owner: [Signature]

Date: December 31, 1963

Three copies to be filed 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 Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
WATER WELL LOG

Owner: Ted Dohle
Address: 5030

Driller: Carl Palm
Address: 5030

Date Started: 7/26
Date Completed: 7/25/61

Location: Sec. 18 T. 27 R. 44 1/4 NW NE I

Type of well: Drilled
Equipment used: Churn

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

Casing: Top ft to 78 ft Type: C 4 1/4 in 5 ft
Casing: ft to ft Type: Size:
Casing: ft to ft Type: Size:
Perforated or Screened: ft to ft Type: Size:
Perforated or Screened: ft to ft Type: Size:

Type of screen or perforations: 

Static Water level, for non-flowing well: 51 feet.

Shut-in pressure, for flowing well: 14 lb/sq. in. on: (date)
Pumping water level: 54 feet at 5 gal. per min.

How tested: Pumped
Length of test: 12 hrs

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

(over)