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
Jack Loren and Helen L. Dix
Address
Box 643
Glasgow, Montana

Date well started
Dec 30, 1970
Date well completed
Jan 30, 1971

Type of well
Drilled

Equipment used
Cable Pool Rig

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

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

ESTIMATED ANNUAL WITHDRAWAL

Maximum Capacity

<table>
<thead>
<tr>
<th>Size of Pipe</th>
<th>Size and Weight of Cable</th>
<th>From (in)</th>
<th>To (in)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-inol</td>
<td>5&quot; ID 15°</td>
<td>0</td>
<td>156</td>
<td></td>
</tr>
</tbody>
</table>

Static water level...152 ft.*
Pumping water level...152 ft.*

*Measured from ground level.

Well developed by...for...hours.
Power...Pump...HP.
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Each small square represents 40 acres.

Driller's Signature

Driller's Address

County

LAST PRINTED PAGE
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

**HOWARD J. and ELIZABETH GOFF**

(Name of Appropriator)

Glasgow

(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... **Household**

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

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...

   **Lot 8, Tract A, Gallagher Heights**

   NW 1/4 Sec. 18, T28 R 40

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

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

   8. The depth of water table... **126 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... 126 ft, 4½ inch casing, 1 inch pipe.

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 The estimated amount of groundwater withdrawn each year...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

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

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

   Signature of Owner... **Elizabeth R. Goff**

   Date... **December 11, 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 Valley.
Filed for record.

DEC 15 1882

Mary Ann Stover
County Register

Respectfully,

[Signature]
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>Churn drill</td>
</tr>
<tr>
<td>Municipal</td>
<td></td>
</tr>
<tr>
<td>Stock</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>

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

Casing: 8 ft. to 12 ft. Type [ ] Size [ ]

Perforated or Screened: 8 ft. to 12 ft. Type [ ] Size [ ]

Static Water level, for non-flowing well: 25 ft. 

Shut-in pressure, for flowing well: 135 lb./sq. in. on (date) 200 gal./min.

Pumping water level: 15 ft. feet at 4 AM 3 PM.

How tested: Build

Length of test: 4 hours.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 35</td>
<td>Gravel</td>
</tr>
<tr>
<td>35 - 40</td>
<td>Gravel</td>
</tr>
<tr>
<td>40 - 55</td>
<td>Gravel</td>
</tr>
<tr>
<td>55 - 60</td>
<td>Blue Chalk</td>
</tr>
<tr>
<td>60 - 95</td>
<td>Gravel</td>
</tr>
<tr>
<td>75 - 103</td>
<td>Blue Chalk</td>
</tr>
<tr>
<td>103 - 130</td>
<td>Yellow Chalk</td>
</tr>
<tr>
<td>130 - 147</td>
<td>Gravel</td>
</tr>
<tr>
<td>147 - 178</td>
<td>Chalk</td>
</tr>
<tr>
<td>178 - 184</td>
<td>Sand 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 Appropriator: Leslie Kinzell  
Address: 961st Avenue North, Glasgow  
Town: Montana  
County: Valley  
State: Montana  

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

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
<th>E</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The beneficial use on which the claim is based: Residential and stock well.

Date or approximate date of earliest beneficial use: January 2, 1962. Claim daily.

The amount of groundwater claimed (in miner's inches or gallons per minute): 5 gal. per minute.

If used for irrigation, give the area and description of the land to which water has been applied and name of the owner thereof: None.

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

The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: September 25, 1961 started, completed October 3, 1961.

The depth of water table: 16 feet.

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 45 ft. casing depth 100 ft.  

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

The log of formations encountered in the drilling of each well if available: 1 to 6 ft. gumbo and gravel, 60 to 70 dry gravel, 70 to 100 gumbo and gravel, 107 to 150 blue clay and gravel, 150-150 gravel and water.

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: Leslie Kinzell  
Date: February 8, 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 Appropriate.
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 filled by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Kurilo's
Owner: Glasgow, Montana
Address: For Administrator's Use: File 00679

Date well started: October 15, 1970
completed: Oct 19, 1970
Type of well: Drilled

Equipment used: Churn (Churn, driven, bored or drilled)

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

*Describe
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location of other data (i.e. lot, block and addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Top of Ground (Elm above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>---</td>
</tr>
<tr>
<td>1</td>
</tr>
</tbody>
</table>

PERFORMANCES

<table>
<thead>
<tr>
<th>N</th>
<th>271.8 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td>245.8 ft.</td>
</tr>
</tbody>
</table>

Static water level: 271.8 ft.
Pumping water level: 245.8 ft.
Flow: 99 gallons per minute, measured 5 minutes after pumping begun.
*Measured from grade.

Well developed by: Pumping
Power: Pump
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Driller's Signature: Robert C. Simpson
Driller's Address: Malta, Montana

Show exact depth of bottom
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, 1943
(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, first copy to be retained by driller.

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

Owner: W. H. K. Nikolai
Address: Glasgow, Montana

Date well started: October 15, 1970
Completed: October 19, 1970

Type of well: Drilled

Equipment used:

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

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

Estimated annual withdrawal: 3 3/8 million gallons at full capacity

Static water level: 27 feet
Pumping water level: 39 feet
Power: L. G. Pump
Remarks: gravel packing, cementing

Driller’s Signature: Robert E. Sampson

Driller’s Address: Malta, Montana

LICENSE NO. 35

Show exact depth of bottom.
Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Marshall
Address: Glendive

Date of Notice of appropriation of groundwater: 

Date well started: Date completed:

Type of well: (Bore, Driven, bored or drilled) Equipment used: (Churn drill, rotary or other)

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

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

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

Static Water Level for non-flowing well: 

Shut-in Pressure for Flowing Well: 

Pumping Water Level: 

at...if...gal. per minute.

Discharge in gal. per min. of flowing well: 

How Tested: 

Length of Test: 

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

SHOW: Sec. __, __._, Page 90

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature: 41.564
STATE OF MONTANA
County of Valley
Filed for record
DECEMBER 20 1966
at 11:00 A.M.

Mary Trudell
County Recorder
by
19631
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: Sam Morgan
Address: Glasgow

Driller: Walter Green
Address: Glasgow

Date of Notice of appropriation of groundwater: 6/14/69

Date well started: 6/14/69

Date completed: 6/11/69

Type of well: Gravel

Equipment used: Drift drill, rotary or other

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

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

<table>
<thead>
<tr>
<th>Stratum</th>
<th>Top of Ground</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>58 ft</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Quick sand</td>
<td></td>
</tr>
<tr>
<td>16-71</td>
<td>Yellow clay</td>
<td></td>
</tr>
<tr>
<td>71-134</td>
<td>Gravel</td>
<td></td>
</tr>
<tr>
<td>134-150</td>
<td>Blue Clay</td>
<td></td>
</tr>
<tr>
<td>150-148</td>
<td>Gravel</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level: 0 feet

Discharge in gal. per min. of flowing well

How Tested: Discharged

Length of Test: 3 days

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

(Continue on reverse side)

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

Driller's License Number: 44

Driller's Signature: 45864
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: Dale A. Dassler
   Address: Front Band Route
   Town: 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. The beneficial use on which the claim is based. Household and live stock

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1-26-59

   4. The amount of groundwater claimed (in million cubic feet per minute). 0.40 gpm.

   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. Pumping

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1-23-59 commenced 1-26-59

   8. The depth of water table. 31 ft.

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled 600 feet 730 ft.

   10. The estimated amount of groundwater withdrawn each year. Not available

   11. The log of formations encountered in the drilling of each well if available. 0'-sand. 600': sand. 8'-5': sand. 5' - 6': sand. 6': sand. 15': sand and gravel. 12': sand and gravel.

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

   Signature of Owner: Dale A. Dassler
   Date: Dec 26, 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. Scott L. and Beverly J. Ferguson
   (Name of Appropriator)
   of Fort Peck Route, Glaciers
   (Address)
   of Valley, State of Montana
   (Town)

2. The beneficial use on which the claim is based: domestic, irrigate home premises, water stock.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 300 gallons per hour; 15 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: Only domestic irrigation of lawn, etc.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Began well on July 15, 1964; completely finished well on Dec. 15, 1964.

8. The depth of water table: 20 feet below 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, 4" diameter metal casing, 52' deep.

10. The estimated amount of groundwater withdrawn each year: 182,500 gallons per year.

11. The log of formations encountered in the drilling of each well if available: 6' clay, 6' sand, 40' gravel.

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

Signature of Owner: ________________________
Date: Dec. 31, 1964

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**

Developed after January 3, 1962

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**

Owner: [Name]
Address: Glasgow, MT

---

**Date well started**

10-7-71

---

**Date well completed**

10-10-71

---

**Type of well**

Drilled

---

**Equipment used**

Churn

---

**Water Use**

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

---

**Description**

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

---

**Estimates Annual Withdrawal**

<table>
<thead>
<tr>
<th>Well Diameter</th>
<th>Size and Shape of Cage</th>
<th>Feet</th>
<th>Top</th>
<th>Feet</th>
<th>Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>4 x 10</td>
<td>138</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Static Water Level**

19 ft.

---

**Pumping Water Level**

23 ft.

---

**Pumping Rate**

240 gallons per minute, measured minutes after pumping began.

---

**Well Developed by**

[Name]

---

**Power**

[Type of Power]

---

**Remarks**

[Gravel packing, cementing, etc.; type of shutoff]

---

**LICENSE NO. 270**

---

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

Lot 5, Block 9, Green Meadow Estates

---

**Driller's Signature**

[Signature]

---

**Driller's Address**

Saco, MT

---

**Top of Ground**

<table>
<thead>
<tr>
<th>Feet (Feet)</th>
<th>Feet (Feet)</th>
<th>Feet (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>19 Brown Sand</td>
<td>19 Blue Sand</td>
</tr>
<tr>
<td>19</td>
<td>16 Soft Blue Clay</td>
<td>16 Sandy</td>
</tr>
<tr>
<td>30</td>
<td>136 Course Sand gravel</td>
<td>138 Course Sand gravel</td>
</tr>
</tbody>
</table>

---

**Show exact depth of bottom**

49312
STATE OF MONTANA
County of Valley
Filed for Record

NOV 1 1971

20585
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1939
(Under Chapter 237 Montana Session Laws, 1931, as amended)

Owner: Don Hucht
Address: Glasgow
Driller: Carl Palmer
Address: 

Date of Notice of appropriation of groundwater: 9/27/62
Date well started: 
Date completed: 

Type of well: Drilled
Equipment used: 

Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole (Feet)</th>
<th>Size and Weight of Cable (Feet)</th>
<th>From Finish (Feet)</th>
<th>To Finish (Feet)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.0</td>
<td>4/12 Cale</td>
<td>Top 60</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well
Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested: Bailing

Length of Test: 1 hr.

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.

(Continue on reverse side)

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

File No.

No - 25

Driller's License Number

Driller's Signature
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:
Wesley Knight
Address: Glasgow, Mont.

Date well started: 19-4-71
Date well completed: 10-6-71

Type of well: Drilled

Equipment used: Churn

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

*Describe:

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Shale</th>
<th>Size of Sand</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 ft.</td>
<td>14 ft.</td>
<td>14 ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 21 ft. - Pumping water level: 14 ft.

- Measured from ground level.
- Well developed by Bailing for 15 minutes.
- Remarks: Gravel packing, cementing; packers, type of shutoff

Lot 9, Block 9, Green Meadow Estates, platted
upon a portion of Section 19, Twp. 28 N., Rge. 40

N. (Official Plat filed as
S. Wase. File No. 1697 Clerk
indicate location of well and place of use if possible
Each small square represents 40 acres

Driller's Signature: Roland Enos
Driller's Address: Saco, Mont.

LICENSE NO. 220

Show exact depth of bottom

1929
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: ERNEST LOGAN Address: GLASGOW
Driller: CARL PALM Address: SACO

Date of Notice of Appropriation of Groundwater
Date well started 7-3-61 Date Completed 7-9-61

Type of well: DRILLED Equipment Used: CHURN
(dug, driven, bored or drilled)

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

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

| Size of | Size and | From | To | PERFORATIONS |
| Dotted | Weight of | (Feet) | (Feet) | |
| Hole | Casing | |
| [] | | |
| [] | | |
| [] | | |
| [] | | |
| [] | | |

Static Water Level for non-flowing Well 28 feet.
Shut-in Pressure for Flowing Well
Pumping Water Level 30 feet at 10 gal. per minute.
Discharge in gal, per min. of flowing well
How Tested: DUMPING Length of Test 12 HRS

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

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

Show exact depth of bottom.

Driller’s License Number
Driller’s Signature

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

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

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

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

Owner: Ernie Logan
Address: Glasgow

Driller: Carl Palmer
Address: S. 200

Date of Notice of Appropriation of Groundwater: 8/30
Date Completed: 9/1/63

Type of well: Drilled
Equipment Used: Churn

Water Use: Domestic ☑️ Municipal ☐ Other ☐ Irrigation ☑️

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>Strata Met With</th>
<th>Depth (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-3 Top Soil</td>
<td>4.25</td>
</tr>
<tr>
<td>2-26 Sandy Yellow Clay</td>
<td>6.7540</td>
</tr>
<tr>
<td>26-37 Sand &amp; Gravel</td>
<td>5.25</td>
</tr>
<tr>
<td>37-72 Sandy Yellow Clay</td>
<td>5.25</td>
</tr>
<tr>
<td>72-121 Blue Clay</td>
<td>5.25</td>
</tr>
<tr>
<td>121-132 Sand Gravel</td>
<td>5.25</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 29 feet
Shut-in Pressure for Flowing Well: 29 feet
Pumping Water Level: 40 feet at 20 gal. per minute
Discharge in gal. per min. of flowing well: 20
How Tested: Pump
Length of Test: 50 min.

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

Driller’s License Number: 20
Driller’s Signature: Carl Palmer

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. Louis E. Newman (Name of Appropriator)
of Box 685 (Address) Glasgow (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: Household & Stockwater

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

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:
   - No irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - Well in house, basement & pump, May flow at times.

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

8. The depth of water table: 275 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: One well 305 feet deep.

10. The estimated amount of groundwater withdrawn each year: 547,500 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: Not applicable.

Signature of Owner: Louis E. Newman
Date: December 11, 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. John Ness of Boxsl, Glasgow
   (Name of Appropriaor) (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: Domestic Water

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1950 to Present Time

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

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

   8. The depth of water table: 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: 190 Feet Deep

   10. The estimated amount of groundwater withdrawn each year: 900,000 Gallons

   11. The log of formations encountered in the drilling of each well if available: K/Cl or Ca, 84 ft.

   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: John Ness
   Date: 1-31-63

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 Appropriaor.
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
<th>Driller</th>
<th>Address</th>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRILLED</td>
<td></td>
<td>C. E. Palm</td>
<td>S. Co.</td>
<td>6/11/41</td>
<td>6/13/41</td>
</tr>
</tbody>
</table>

**Location:** Sec. 19, T. 28 N., R. 81 W., 14th mer. 

**Type of well:** Drilled

**Equipment used:** Chisum (Chain drill, rotary, other)

**Water use:** Domestic

**Casing:**
- Top: ft. to 15 ft.
- Type: 6 in. Galv.
- Size: 4 in.

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

**Type of screen or perforations:**

**Static Water level, for non-flowing well:** 19 feet

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

**Pumping water level:** 24 feet at 8 gal. per min.

**How tested:** Pump

**Length of test:** 4 hours

**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>0-25</td>
<td>River silt</td>
</tr>
<tr>
<td>25-129</td>
<td>Soft blue clay</td>
</tr>
<tr>
<td>139-140</td>
<td>Gravel</td>
</tr>
<tr>
<td>140-147</td>
<td>Blue clay</td>
</tr>
<tr>
<td>147-153</td>
<td>Course sand</td>
</tr>
<tr>
<td>153-154</td>
<td>&quot;</td>
</tr>
</tbody>
</table>

STATE OF MONTANA

Declarations Affidavit

Return to: [Address]

Dated: [Date]

[Signature]

(Original on file at the headquarters of the Department of Water Resources, Chung County)

100 E. Mullan Pkwy
Missoula, MT 59801

Mailing Address:

P.O. Box 180601
Bozeman, MT 59718-0601

Phone: 406-422-5270
Fax: 406-422-5260

[Date of Filing]

[Signature]

[License No.]

[City, State]
<table>
<thead>
<tr>
<th>Owner</th>
<th>John N.</th>
<th>Address</th>
<th>Glass</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Carl P.</td>
<td>Address</td>
<td>S. 200</td>
</tr>
<tr>
<td>Date Started</td>
<td>6/14/61</td>
<td>Date Completed</td>
<td>6/16/61</td>
</tr>
<tr>
<td>Location</td>
<td>Sec 19, T. 28 N.</td>
<td>Lot 9 &amp; Lot 8</td>
<td></td>
</tr>
</tbody>
</table>

**Type of Well:** Drilled  
**Equipment Used:** Churn

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

**Casing:**  
- Top to 170 ft. Type: 4 1/2 ID
- Casing:  ft. to  ft. Type:  Size:
- Casing:  ft. to  ft. Type:  Size:
- Perforated or Screened:  ft. to  ft.  
- Type of screen or perforations:

**Static Water Level:** 17 feet  
**Shut-in Pressure:** 0 lb./sq. in.  
**Pumping Water Level:** 20 feet at 8 gal. per min.

**How Tested:**  
**Length of Test:**

**Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 36</td>
<td>River silt</td>
</tr>
<tr>
<td>36 - 168</td>
<td>Soft blue clay</td>
</tr>
<tr>
<td>168 - 160</td>
<td>Clay</td>
</tr>
<tr>
<td>160 - 163</td>
<td>Blue clay</td>
</tr>
<tr>
<td>163 - 169</td>
<td>Course sand</td>
</tr>
<tr>
<td>169 - 170</td>
<td>Course sand</td>
</tr>
</tbody>
</table>

[Additional text on the page]
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Bernard J. Claudius Blumer, of Nashua, (Name of Appropriator)
   (Address) have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Early 1900's Seasonal

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

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

7. The date of commencement or completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1905

8. The depth of water table: 180 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled, 5 inch, 150 feet

10. The estimated amount of groundwater withdrawn each year: 6 million gallons

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

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

Signature of Owner: Hazel A. Durfee

Date: 12-31-69

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

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

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

Owner: W. H. Bowman
Address: Glasgow
Driller: Carl Pan
Address: St. Joe

Date of Notice of Appropriation of Groundwater
Date well started: 2/10
Date completed: 3/10/64

**Type of well:** Dug, driven, bored or "drilled"

**Equipment Used:** Churn

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Diameter (in)</th>
<th>Depth (feet)</th>
<th>Top Depth (feet)</th>
<th>Pressure (feet)</th>
<th>Flow Rate (gpm)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>511</td>
<td></td>
<td></td>
<td>41/2</td>
<td>C. 1120</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 14.8 feet

Shut-in Pressure for Flowing Well: 12.0 feet at 12 gal. per minute.

Pumping Water Level: 12.0 feet at 12.0 gal. per minute.

Discharge in gal. per min. of flowing well: 12.0 gal. per minute.

How Tested: Balancing

Length of Test: 3 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)

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; quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: W. C. Neubauer
Address: Glasgow
Driller: Carl Palm
Address: 500

Date of Notice of Appropriation of Groundwater: 3/7
Date Completed: 5/14/64

Type of well: Drilled
Equipment Used: Churn

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 Cable</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 165 feet.
Shut-in Pressure for Flowing Well: 120 feet at 15 gal. per minute.
Pumping Water Level: 120 feet at 15 gal. per minute.
Discharge in gal. per min. of flowing well: 120 gallons.
How Tested: Boring
Length of Test: 15 feet.

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

Driller's License Number: 28
Driller's Signature: Carl Palm

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: David Rothwell
Address: Glasgow
Driller: Carl Palm
Address: Soc. 60

Date of Notice of Appropriation of Groundwater:
-- Date started: 6/18/63
-- Date completed: 6/11/63

Type of well: Drilled
Equipment Used: Churn

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

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

<table>
<thead>
<tr>
<th>Strata of Drilled Hole</th>
<th>Size and Weight of Cutting</th>
<th>Pressure at Top</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>119</td>
</tr>
</tbody>
</table>

PERFORATIONS

- Static Water Level for non-flowing well: 80 feet.
- Shut-in Pressure for Flowing Well:
- Pumping Water Level: 70 feet at 15 gal. per minute.
- Discharge in gal. per min. of flowing well:
- How Tested: Dailing
- Length of Test: 1/2 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)

Driller's License Number: Carl Palm
Driller's Signature: Carl Palm

No. 25

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 Appropiataor.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDFWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

File No. ________________________

County ________________________

Duplicate

June Slattum

Name of Appropriate)

J. P. Pack & St. Glasgow

(Town)

County of

State of Montana

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

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

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

4. The amount of groundwater claimed (in inches of gallons per minute) ________________________

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

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

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 Appropirator.
STATE OF MONTANA
County of Valley
Filed for record

DEC 30 1963

MARY LOU EIDE Clerk & Recorder
Valley County

By

438960 18387
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner:

Address:

Driller:

Address:

Date of Notice of Appropriation of Groundwater:

Date well started:

Date Completed:

Type of well:

Equipment Used:

Water Use:

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 the water rises in the well.

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

Show exact depth of bottom.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the 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. Bernard & Claudia Blomser Nashua
   (Name of Appropriator) (Address)
   County of Valley State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   The beneficial use on which the claim is based: Stock water use

   Date or approximate date of earliest beneficial use: 1930
   This use has been used ever since

   The amount of groundwater claimed: 40 gallons 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: Pump

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

   S 5 25 W 3 Sec. 34 T. 25 R. 40

   4. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1930

   The depth of water table: Artesian floor to surface

   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 six inch approx. 450 feet

   The estimated amount of groundwater withdrawn each year: 20 million gallons

   The log of formations encountered in the drilling of each well, if available: Not available

   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: Mary B. Nashua
   Date: 12-31-62

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

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

Original to the County Clerk 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: Gerald J. McCloskey
Address: Glasgow

Driller: Carl Palm
Address: Missoula

Date of Notice of Appropriation of Groundwater: 

Date well started: 7/14/62
Date completed: 7/18/63

Type of well: **Drilled**
Equipment Used: **Charn**
(Churn, drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>Size of Defined Hole</th>
<th>Depth of Defined Hole</th>
<th>From</th>
<th>To</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Static Water Level for non-flowing well: 15 feet
- Shut-in Pressure for Flowing Well: 4
- Pumping Water Level: 60 feet at 15 gal. per minute
- Discharge in gal. per min. of flowing well: 2
- How Tested: **26:14**
- Length of Test: 2.14
- Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number: [Signatures]

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

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

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

1. James E. McCleary
   (Name of Appropriator)
   207 S 14th
   Glasgow
   (Address)
   (Town)
   County of
   State of

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

3. The beneficial use on which the claim is based:
   Stock Water

4. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   Approx. 1923

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

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

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

8. The depth of water table:
   Flowing Spring

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:
   Flowing

10. The estimated amount of groundwater withdrawn each year:
    1,051,200

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

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

Signature of Owner: James E. McCleary
Date: 16 Dec 63

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

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

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

Owner: James E. Peterson, Address: Helena, Mont.
Driller: Walter Smith, Address: Helena, Mont.

Date of Notice of Appropriation of Groundwater: 1-7-63
Date well started: 1-7-63, Date completed: 10-18-63

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

Water Use: Domestic ☒, Municipal ☐, Other ☐, Irrigation ☐

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

Static Water Level for non-flowing Well: 64.35 ft. above sea level
Shut-in Pressure for Flowing Well: 4.15 ft.
Pumping Water Level: feet at __________________ gal. per minute.
Discharge in gal. per min. of flowing well: ________ gal. per min.
How Tested: ____________________________ Length of Test: ____________________________

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

Driller's License Number ____________________________ Driller's Signature ____________________________
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Geological Survey; quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1951)

Owner: Memory Garden
Address: Glasgow

Driller: Carl Palm
Address: 5200

Date of Notice of Appropriation of Groundwater
Date well started: 4/10 Date completed: 4/14/52

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

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Drilling</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6'</td>
<td>55/50</td>
<td>118</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 25 feet.
Shut-in Pressure for Flowing Well

Pumping Water Level: 35 feet at 80 gal. per minute.

Discharge in gal. per min. of flowing well
How Tested: Drilling Length of Test: 26 ft.

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) 7.2 Acres

No: 25
Driller's License Number

Carl Palm
Driller's Signature

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

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

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

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

STATE ENGINEER

1. BRANT L. WOOD  
   or Box 863 ELASWOW
   (Name of Appropriator)  
   or (Address)  
   County of 
   State of MONTANA  
   (Address)  
   Town

2. The beneficial use on which the claim is based... JUNE 1958
   Arbee Hill  
   Stake barren

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... USED STEADY SICE... JUNE 1958

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... BARDEN 53 ACRE

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... JUNE 1958

8. The depth of water table  
   APPROXIMATELY 180 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  
   11 FEET OF 16 INCH CASING

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  
    UNKNOWN

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

Signature of Owner... GRAN'T L. WOOD

Date... MARCH 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.