STATE OF MONTANA
County of

Filed in the Office of the County Clerk and
Registrar of Deeds of Clinton County, State of Montana,
this 31st day of December, 1960

R. D. 1663.3.7

County Clerk and Recorder

By: 

Received:

Paid:

Filer:
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Dyba Co. of Rock Springs

County of Garfield State of Montana

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

1. Name of Appropriator

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 The estimated amount of groundwater withdrawn each year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. Dennis Youngland
   - **Name of Appropriator:**
   - **Address:**
   - **Town:**
   - **County:**
   - **State:**

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>
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<tbody>
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</tbody>
</table>

### 2. The beneficial use on which the claim is based:
- **Livestock**

### 3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
- This well was drilled in 1958 and has been on continuous use.

### 4. The amount of groundwater claimed (in miner's inches or gallons per minute):
- **2 1/4 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:
- **Gas pumper well 1/2 in. pipe and 3 ft. gravel pack**

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

### 8. The depth of water table:
- **9 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:
- **20 ft. cement**

### 10. The estimated amount of groundwater withdrawn each year:
- **425,000 gal.**

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

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

---

Signature of Owner: 

Dennis Youngland  

Date: Dec. 67, 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 Cascade   

Filed in the  
Office of the County Clerk and Recorder of Cascade County, State of Montana, 
this  
A.D. 1963 at 7 o'clock A.M. 

County Clerk and Recorder 

By: 

Fee Paid $2.00
<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>1</td>
<td>Rosencrans, Arthur</td>
<td>SW 1/4</td>
<td>136102</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Lasson, A.</td>
<td>SW 2</td>
<td>136158</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Kerns, L.</td>
<td>NW 1/4</td>
<td>128301</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Kerns, L.</td>
<td>NW 1/4</td>
<td>128301</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Kerns, L.</td>
<td>NW 1/4</td>
<td>128301</td>
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</tr>
<tr>
<td>6</td>
<td>Kerns, L.</td>
<td>NW 1/4</td>
<td>128301</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Kerns, L.</td>
<td>NW 1/4</td>
<td>128301</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Kerns, L.</td>
<td>NW 1/4</td>
<td>128301</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Kerns, L.</td>
<td>NW 1/4</td>
<td>128301</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Kerns, L.</td>
<td>NW 1/4</td>
<td>128301</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Arthur Larson
   of 
   (Name of Appropriator) (Address) (Town)
   County of Grant
   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: stockwater

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1962

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

   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: 1962

   8. The depth of water table: 60'

   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: whatever is needed

   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: Arthur Larson
   Date: Dec 23, 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 Appropiater.
STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Judgments, County of Garfield, State of Montana,
this ______ day of ______, 19__.

A.B. [Middle Name]
County Clerk and Recorder

Fee Paid $____

INDEXED

FILED
**Notice-of-Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** Antie Larsen

**Address:** Hillside Heights

**Driller:** Merle Kenneth Jordan

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

**Type of well:** Drilled

**Equipment used:** Rotary

**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 Drill</th>
<th>Feet</th>
<th>To Feet</th>
<th>PERFORATIONS</th>
</tr>
</thead>
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</tbody>
</table>

Sheet No.

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

**Shut-in Pressure for Flowing Well**

**Pumping Water Level**

<table>
<thead>
<tr>
<th>Feet</th>
<th>Gal. per minute</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>1</td>
</tr>
</tbody>
</table>

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

**How Tested**

**Length of Test**

10

**Remarks:** (Gravel packing, cementing, etc.)

**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).

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

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

Driller's License Number:

Kenneth Dole

Driller's Signature:

4/35

(Continue on reverse side)
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

<p>| | | | | | | | | | |</p>
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</tr>
</tbody>
</table>

State of Montana

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

- **State Engineer**
- **County Engineer**

**Declaration of Vested Groundwater Rights**

1. **Gottlieb Kennen**, of **Rock Springs**, **Butte**

   County of **Butte**

   State of **Montana**

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **drilled 1954**

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

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: **unknown**

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

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

8. The depth of water table: **unknown**

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: **unknown**

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: **unknown**

Signature of Owner: **Gottlieb Kennen**

Date: **12-23-63**

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 Appropriate.
STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana.
Date: __________ day of ____________
A.D. ____________

County Clerk

(Signature)

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

Owner: Montana Highway Comm. Address: Helena, Montana
Driller: Montana Highway Comm. Address: Helena, Montana
Date of Notice of Appropriation of Groundwater: November 6, 1964
Date well started: October 22, 1964; Date Completed: October 27, 1964

Type of well: Drilled. Equipment Used: Churn Drill (dug, driven, bored, or other)

Water Use: Domestic □ Municipal □ Other □ Irrigation □ Industrial □ Drainage □ Stock □ Maintenance House Water Supply

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.

Brown clay silt gombo.

Brown fine sandy silt.

Brown clay silt with traces of sand.

Brown sandy silt.

Fine grey to white washed sand.

Bottom hole in fine grey to white washed sand.

SW 1/4 of SW 1/4 of
NW 1/4 Sec. 3 T. 13 N R. 42 E

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

Static Water Level for non-flowing Well: 39.3 feet
Shut-in Pressure for Flowing Well: ———
Pumping Water Level: 47.8 feet at 13 gal. per minute.
Discharge in gal. per min. of flowing well: ———
How Tested: Bailed & Pumped. Length of Test: 2hrs. 15 mins.

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

WATER ANALYSIS:

<table>
<thead>
<tr>
<th>pH</th>
<th>7.8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marble pH</td>
<td>8.7</td>
</tr>
<tr>
<td>CO₂</td>
<td>27 ppm</td>
</tr>
<tr>
<td>Methylene Blue</td>
<td>none</td>
</tr>
<tr>
<td>Methyl Orange</td>
<td>398 ppm CO₂</td>
</tr>
<tr>
<td>Total Hardness</td>
<td>400 ppm</td>
</tr>
<tr>
<td>None Required</td>
<td>———</td>
</tr>
</tbody>
</table>

Driller: [Signature]

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

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

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

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana
this ___ day of ___, 19__

___ o'clock ___ A.M.

County Clerk and Recorder

Deputy

Fees Paid $ 2.00
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws 1961)

Owner: Art Larson
Address: Hillside, Mont.

Driller: May 23, 1964
Address: Jordan, Mont.

Date of Notice of Appropriation of Groundwater:

Date well started: 4-20-64
Date Completed: 4-30-64

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

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 in.</td>
<td></td>
<td>1</td>
<td>210</td>
<td>i-f</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>slopped</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 10 feet.
Shut-in Pressure for Flowing Well: None
Pumping Water Level: 162 feet at 3 gal. per minute.
Discharge in gal. per min. of flowing well: 
How Tested: Pump Length of Test: 8 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)

Show exact depth of bottom.

Driller's License Number

Driller's Signature

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

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

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

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, on the 10th day of May, 1915.

A.B.N. 3250

Charles J. Chaffee
County Clerk and Recorder

Date Filed: 5-10-1915

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Arthur Larson**, of **Harrison**, (Address)
   - **County of Harrison**, **State of Montana**
   - **Date or approximate date of earliest beneficial use**: 1959

<table>
<thead>
<tr>
<th>N.E. 1/4</th>
<th>Sec 1</th>
<th>T 12 R 47 W</th>
<th>E</th>
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</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

- **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: **groundwater**

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

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

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: **groundmill**

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: 90'

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:

<table>
<thead>
<tr>
<th>340' deep</th>
<th>H casing</th>
</tr>
</thead>
</table>

10. The estimated amount of groundwater withdrawn each year: **whatever is needed**

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**: Arthur Larson
- **Date**: Dec 30, 1963

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

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

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

Filed in the office of the County Clerk and
Register of Deeds, Garfield County, State of Montana

A.D. M.O. B. G. F. W. A. K.
Register of Deeds

124891

276
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Art Larson  Address:  Cohanouse, Mont.
Driller: M. J. Martin  Address:  Great Falls, Mont.

Date of Notice of appropriation of groundwater: ____________________________
Date well started: ____________________________ Date completed: ____________________________
Type of well: Drilled  Equipment used:  (Chimney drill, rotary, others)
Water use:  Domestic  Municipal  Stock  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 Bored Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td>6'/</td>
<td>3'/8</td>
<td></td>
</tr>
</tbody>
</table>

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

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

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

Driller's License Number

Driller's Signature: ____________________________

4/4/58
STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
the 6th day of June

A.D. 1916

Charles E. Bonham
County Clerk and Recorder

Delphine Armstrong
Deputy

Sec. $0
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Antie Larson
Address: Hamilton, Mont.

Date of Notice of Appropriation of groundwater:

Date well started: Date completed:

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

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

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

<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>
<tbody>
<tr>
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</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

Length of Test

Remarks: (Gravel packing, cementing, etc.)

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

4/13/4
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Arthur Larson
   (Name of Appropriator)
   of Cohagen
   (Address)
   (Town)
   County of Garfield
   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 watering

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

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

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: windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1945

8. The depth of water table: 50'

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:

   110' deep, H casing

10. The estimated amount of groundwater withdrawn each year: whatever is needed

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

   - 25-37 clay
   - 37-50 shale
   - 50-51 sand
   - 51-70 clay
   - 72-75 clay
   - 75-160 sand
   - 160- sand

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: Arthur Larson
   Date: Dec 23, 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 Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,

This ___ day of _____, 19___

R.D. S. S., Recorder

(County Clerk and Recorder)

Fee Paid $___

[Signature]

[Signature]
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arthur Larson
   (Name of Appropriator)
   of
   (Address)
   (Town)

County of
County of
Glacier

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: stockwater

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

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

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 jack and electric motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1963

8. The depth of water table: 20'

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: whatever is needed

11. The log of formations encountered in the drilling of each well if available: 0-18 sandy soil, 18-20 gravel, 20-75 shale, 75-95 sand and gravel, 95-105 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: Arthur Larson
Date: Dec 23, 1963

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

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

Original to the County Clerk and Recorder, Duplicate to the State Engineer, Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>C. G. Glasscock and C. G. Glasscock Jr.</th>
<th>P. O. Box 419</th>
</tr>
</thead>
<tbody>
<tr>
<td>County of Custer</td>
<td>Miles City</td>
</tr>
</tbody>
</table>

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: Has been used continuously for more than fifteen years.

4. The amount of groundwater claimed (in miner'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: No irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: More than fifteen years prior to making this declaration but exact date unknown.

8. The depth of water table: Unknown

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: 180 foot deep well with 4" casing

10. The estimated amount of groundwater withdrawn each year: Unknown, but pumps 5 gallons per minute.

11. The log of formations encountered in the drilling of each well if available: Appropriator knows of no log formations, as well was drilled before present owner purchased land.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: No other information known.

Signature of Owner: [Signature]

Signature of Owner: [Signature]

Date: [Date]

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

Date of Notice of Appropriation of Groundwater: 1964

Date well started: APR 6

Date completed: APR 8

Type of well: DRILLED

Equipment Used: PUMP

(Dug, driven, bored or (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 (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
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<tbody>
<tr>
<td></td>
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</tr>
<tr>
<td>5 ¼</td>
<td>5 ¼ 10 3/18</td>
<td>0 2 1 8</td>
<td>2 8 2 1 3 0</td>
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</tr>
<tr>
<td></td>
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</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 11 0 feet.

Shut-in Pressure for Flowing Well: N.A.

Pumping Water Level: 1 6 0 feet at 1 0 gal. per minute.

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

How Tested: BAILER

Length of Test: 2 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)

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 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

ROSS BISHOP

(Name of Appropriator)

of

Address

(Town)

County of

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

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

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

1949

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

10 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:

more

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

8

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

1949

8. The depth of water table:

60

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:

300 cu.a

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:

more

Signature of Owner

ROSS BISHOP

Date: 12-31-63

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 return.

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

Filed in the Office of the County Clerk and
Recorder of Custer County, State of Montana,
the
31st
case
A. D. 19

County Clerk and Recorder

Pay $2.00

Clerk
Declaration of Vested Groundwater Rights

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

RECEIVED JAN 6 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1962)

1. (Name of Appropriate) (Address) (Town)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1949

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

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. 1949

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. 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. Rose Bildel
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.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: ROSE BICKEL  
Address: RICK SPRINGS, MONT

Driller: HENRY JOHNSON  
Address: TERRY, MONT

Date of Notice of Appropriation of Groundwater: N/A

Date well started: JUN 24 1965  
Date Completed: JUN 24 1965

Type of well: DRILLED  
Equipment Used: ROTARY

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.

Driller's License Number:  
Driller's Signature: 

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

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

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

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana.
the 11th day of August

R. D. 1865
Charles V. Miller
County Clerk and Recorder

By:

Deputy

Fee Paid $2.00
Notice of Completion of Groundwater Appropriation by Means of Well

State of Montana
Administrative Officer 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: Mrs. Rose Michel Address: Rock Springs, Minn.
Driller: Henry Johnson Address: Terry, Mont.

Date of Notice of Appropriation of Groundwater: June 23, 1964
Date well started: May 12, 1964 Date Completed: May 21, 1964

Type of well: DRILLED Equipment Used: ROTARY

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.

Top of Ground
(Elev. above sea level:
0-60 Yellow Loam
60-90 Blue Shale
90-100 Blue Sand
100-140 Blue Shale
140-160 Green Shale
160-162 Coal
162-210 Gray Shale
210-250 Gray Sandstone
250-260 Gray Shale

Total Depth 260 FT.

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 Appropriator.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<tbody>
<tr>
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<td>Glasscock CG &amp; CCJR</td>
<td>NW 4</td>
<td>12-765</td>
<td></td>
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<tr>
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<td>NW 4</td>
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<td>12-922</td>
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<td>19</td>
<td>erguson, Art</td>
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<td>Glasscock Bros.</td>
<td>NW 2</td>
<td>12-3329</td>
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<tr>
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<td>Haglaf Apel</td>
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<td>29</td>
<td>Glasscock Bros.</td>
<td>NW 2</td>
<td>13-5330</td>
<td></td>
</tr>
</tbody>
</table>
State of Montana
Administrator of Groundwater Code
Office of State Engineer

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

C.G. Glasscock and C.G. Glasscock, Jr., of P. O. Box 419, Miles City

County of
Cluster
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. Has been used continuously for more than ten years.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 8 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:

Electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: More than ten years prior to making this declaration but exact date unknown.

8. The depth of water table: Unknown.

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:

180 foot deep well with 4" casing.

10. The estimated amount of groundwater withdrawn each year: Unknown, but pumps 8 gallons per minute.

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

Appraiser knows of no log formations, as well was drilled before present owner purchased land.

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

No other information known.

Signature of Owner

Signature of Owner

Date: Dec 23, 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 Appraiser.
STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 17th day of ___

A.D. 1963

CHARLES L. O'BRIEN
County Clerk and Recorder

MARGARET F. ENGLISH
Deputy

Set: ___ at ___

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

C. G. Glasscock & C. G. Glasscock, P. O. Box 419, Miles City.
(Name of Appropriator) (Address) (Town)
County of Custer 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 since 1961: 1952

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: electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1961

8. The depth of water table: Unknown

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: 130' deep well with 4' casing

10. The estimated amount of groundwater withdrawn each year: Unknown, but pumps 10 gallons per minute.

11. The log of formations encountered in the drilling of each well if available: Appropriator knows of no log formations as no log was furnished by driller.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: No other information known.

Signature of Owner

Date: Dec 16, 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 MISSOURI
County of Christian

Filed in the office of the Circuit Clerk
of Christian County, Missouri
this day of , 1972.
A.D. 1872. the day of

[Signature]
County Clerk and Recorder
By: [Signature]
Deputy

Page 188
1872
Alvin Taylor, Jr. and Carolyn Taylor, Rock Springs

(Name of Appropriator) (Address) (Town)

County of: Garfield 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 use and stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 14, 1955

4. The amount of groundwater claimed (in miner'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
   Not applicable

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 14, 1955

8. The depth of water table estimated at 100 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: 180 feet

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:

   | 150 ft. - washout | 164-172 ft. - blue shale |
   | 160-163 ft. - blue shale | 172-176 ft. - Sandstone |
   | 163-164 ft. - coal | 176-180 ft. - gray 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: Not applicable

Signature of Owner: ______________________
Date: Dec. 30, 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
County of Garfield

Filed in the Office of the County Clerk of the
Recorder of Garfield County, State of Montana,
this 31st day of December, 1911.

A. D. 1911.

County Clerk and Recorder

By: [Signature]

Fee Paid $2.00
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Art Larson
Address: 3838 Idaho, Helena, Montana

Driller: Merle Drom
Address: Jordan, Montana

Date of Notice of Appropriation of Groundwater: 3-15-64

Date well started: 3-15-64
Date Completed: 5-13-64

Size of Drilling Hole: 6 in.
Size and Weight of Casing: 4 in 9½ lb

Depth (Feet): 1-164
Perforation(s): 7-164

Static Water Level for non-flowing Well: 65 ft
Shut-in Pressure for Flowing Well: none
Pumping Water Level: 120 ft
Discharge in gal. per min. of flowing well: 10 gal

How Tested: pump
Length of Test: 10 hrs

Remarks: (Gravel packing, cemented 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
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 Quadrangle for the Area.
STATE OF MONTANA
County of Garfield}

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this ______ day of ______ April
A.D. 19_______ at 1:20 o'clock, P.M.

[Signature]
County Clerk and Recorder

[Signature]
Deputy

Fee Paid $_____.200
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Arthur Larson
(Name of Appropriator)        of Coho
(Address)                    (Town)

County of: ____________________   State of: Montana

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

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

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

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

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

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

   S.W. 1/4 Sec. 18, T.13 N. R.13.

   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: 60'.

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: 150' deep.

10. The estimated amount of groundwater withdrawn each year: whatever is needed.

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: Arthur Larson
   Date: Dec 23, 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
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: GLASSCOG DMR.  
Address: MILES CITY MNT  

Date well started: 11-15-67  
Completed: 11-20-67

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

Equipment used: **ROTARY** (Chim drill, rotary or other)

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 Drilled Hole</th>
<th>Size and Weight of Drill</th>
<th>Feet</th>
<th>To Feet</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
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<td></td>
<td>1 1/2</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 180 ft  
Pumping water level: 180 ft  
*at ______ gallons per minute, measured ______ minutes after pumping began.  
*Measured from ground level.

Well developed by:  
for ______ hours.  
Power: **Electric Pump** V3 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: **HIGGINS DRILLING CO**
Driller's Address: **MILES CITY MNT**

LICENSE NO. ____________  

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Not shown but indicated is the depth of the well bottom at 210 feet from ground level.
STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 25th day of June

[Signature]
County Clerk and Recorder

See Page 2 of 2 for

# Declaration of Vested Groundwater Rights

(under Chapter 237, Montana Session Laws, 1961)

1. **C.G. Glasscock and C.G. Glasscock, Jr.**
   - (Name of Appropriator)
   - (Address)
   - (City)
   - (Town)
   - (State)
   - (County)

2. The beneficial use on which the claim is based:
   - **Used in dwelling**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   - **Approximately 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:
   - **No irrigation**

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:
   - 1958

8. The depth of water table:
   - **Unknown**

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:
   - **110 foot deep well with 4" casing**

10. The estimated amount of groundwater withdrawn each year:
    - **Unknown, but pumps 10 gallons per minute**

11. The log of formations encountered in the drilling of each well if available:
    - **Appropriator knows of no log formations as no log was furnished by driller.**

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:
    - **No other information.**

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**Signature of Owner:**

**Date:** Dec 23, 1963

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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)

C.G. Glasscock & C.G. Glasscock, Jr., of P. O. Box 412, Miles City, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. **Name of Appropriator**: C.G. Glasscock & C.G. Glasscock, Jr.
2. **Address**: P. O. Box 412
3. **Town**: Miles City

**County of Custer**

**State of Montana**

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: January 1, 1950, continuously for more than fifteen years.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 8 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: Windmill.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: More than fifteen years prior to making this declaration but exact date unknown.

8. The depth of water table: Unknown.

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: 96 foot deep well with 4" casing.

10. The estimated amount of groundwater withdrawn each year: Unknown, but pumps 8 gallons per minute.

11. The log of formations encountered in the drilling of each well if available: Appropriator knows of no log formations, as well was drilled before present owner purchased land.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: No other information known.

Signature of Owner:

Date:

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

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

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

Filed in the Office of the County Clerk and
Recorder of Garfield County, State of Montana

17th Day of December

[Signature]
County Clerk and Recorder

Fees Paid $1.00
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner:
Address:

Date of Notice of appropriation of groundwater:

Date well started: May 29, 1966
Date completed: June 1, 1966

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, 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 Casing (Feet)</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>190</td>
<td>95</td>
<td>176</td>
<td>7</td>
<td>3 LOTS</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 70 feet.

Shut-in Pressure for flowing well:

Pumping Water Level: 4 feet

Discharge in gallons per minute of flowing well:

How Tested:

Length of Test:

Remarks: (Gravel packing, cementing, pack-

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

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

Driller's License Number:

Driller's Signature:

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

Please answer all questions. If not applicable, state, otherwise the form will be returned.
MONTANA WATER RESOURCES BOARD
RECEIVED
SEP 30 1970

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: Axel Haglaf
Address: Rock Springs
Montana

Date well started: 6-26-43
Date well completed: 8-26-43

Type of well: Drilled
Equipment used: Rotary

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 (e.g. Lot, Block, and Addition).

ESTIMATED ANNUAL WITHDRAWAL: 140,000 gpd

PUMPS

<table>
<thead>
<tr>
<th>Kind No.</th>
<th>From (Ft.)</th>
<th>To (Ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>130</td>
<td>185</td>
<td></td>
</tr>
</tbody>
</table>

Slotted torch

Static water level: 100 ft.
Pumping water level: 115 ft.
5 gallons per minute, measured 60 minutes after pumping began.

Power: Diesel Pump 1/2 HP

Remarks: (Gravel packing; cementing, etc.)

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

Driller's Signature: 
Driller's Address: 

LICENSE NO. 50
STATE OF MONTANA
COUNTY OF GARFIELD

Filed in the office of the County Clerk of
Recorder of Garfield County, 3rd Floor

This 28th day of Sept

A.D. 1970

Charles E. Pangborn
County Clerk and Recorder

Delpha Armstrong
Clerk
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

[Name of Appropriate]
(Address)
(Town)

County of
State of

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

1. Name of Appropriate
2. The beneficial use on which the claim is based
   - Stock
   - House

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   - 1943
   - Steadily

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   - 20 gal/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
   - Jet Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   - 1942

8. The depth of water table
   - 30'

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
   - East, 5', 180'

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

11. The top 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
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 Appropriate.