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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   6,5

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

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

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

8. The depth of water table:
   10

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

10. The estimated amount of groundwater withdrawn each year:
    6000

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: 12-20-62

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 Appropriate.
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: Oct. 8, 1963
Date well started: 
Date Completed: 

Type of well: 
Equipment Used: 
(dig, driven, bored or drilled) (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.

Show exact depth of bottom.

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

Remarks: (Gravel packing, cementing, packers, type of shut-off, 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 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. Boeii
(Name of Appropriator)

of Box 845
(Address)

Glassow
(Town)

County of Valley
(State of Montana)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Be Pars. 1910 continuous

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): All That Is There

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: Gravity Flow

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Be Pars. 1916

8. The depth of water table: Not K.T.O.W.

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: Spr. 1917

10. The estimated amount of groundwater withdrawn each year: V.I.D. 1,100 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: Not Available

Signature of Owner: 
Date: Dec. 30, 63

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

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

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

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. 

Boe, Del L. 

(Name of Appropriator)

County of 

(Address)

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: Stock Water + household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Approx. 1910 and continuous to date.

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

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: 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: 1910.

8. The depth of water table: Approx. 12 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: Concrete Cistern. 24 in. ID. 32 ft. deep.

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: Not Available.

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

Signature of Owner: 

Date: June 20, 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)

1. HAROLD D. EIDE of FORT PECK ROUTE, GLASGOW, MONTANA

   (Name of Appropriator) (Address) (Town)

   County 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 livestock

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Fall, 1950

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

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

   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 and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Fall of 1950

   8. The depth of water table: 15 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: 115 feet deep, 4" galvanized pipe

   10. The estimated amount of groundwater withdrawn each year: 365,000 gallons

   11. The log of formations encountered in the drilling of each well if available: gumbo, gravel at the bottom

   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: HAROLD D. EIDE

   Date: December 13, 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)

Louis E. Newman, of Box 685, Glasgow

County of Valley, State of Montana

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

2. The beneficial use on which the claim is based: Household, Stock Water & Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1903 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 average and description of the lands to which water has been applied and name of the owner thereof: One acre adjoining house.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1903

8. The depth of water table: 20 feet

9. So far as it may be available, the type, size and depth of each well or general specifications of any other works for the withdrawal of groundwater: One well, 20 feet deep

10. The estimated amount of groundwater withdrawn each year: 91,250 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 12, 1963

These 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 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Lewis E. Newman, Address: Glasgow
Driller: Carl Palmer, Address: S.C.O.

Date of Notice of appropriation of groundwater: 12/14/65
Date well started: 12/14/65
Date completed: 12/16/65

Type of well: Dug, Driven, bored or drilled
Equipment used: Churn drill, rotary or other

Water use: Domestic Stock Irrigation
            Municipal 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 Churn Equipment</th>
<th>From Top Feat.</th>
<th>To Top Feat.</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 L-B</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 67 feet
Shut-in Pressure for Flowing Well:
Pumping Water Level: 65 feet at 18 gal. per minute
Discharge in gal. per min. of flowing well:
How Tested: 201 L/H
Length of Test: 24 hrs
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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).

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, since 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: No. 25
Driller's Signature: [Signature]

Approved Stock Form—State Publishing Co., Helena, Montana—4/22
STATE OF MONTANA,
County of Valley.
Filed for record

JAN 28 1959

2:00

Cheyenne Sweet

J.F. Heyer
## WATER WELL LOG

### Owner:
- **R.H. W., M. A. S.**  
- **Address:**

### Driller:
- **Address:**

### Date Started:
- **Date Completed:**

### Location:
- **Sec.: 2, T.: 27, R.: 40 1/4, sec. Huse**

### Type of well:
- (Duz, driven, bored, or cored)

### Equipment used:
- (Churn drill, rotary, other)

### Water use:
- Domestic □  
- Municipal □  
- Stock X  
- Irrigation □  
- Industrial □  
- Drainage □  
- Other:

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

### Perforated or Screened:
- Ft. to Ft. Type: Ft. to Ft.

### Type of screen or perforations:

### Static Water level, for non-flowing well:

### Shut-in pressure, for flowing well:

### Pumping water level:

### How tested:

### Length of test:

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

(over)
# Water Well Log

**Owner:** R. H. Wittmayer  
**Address:** Glacier

**Driller:**  
**Address:**

**Date Started:** 8/22/52  
**Date Completed:** 7/27/52

**Location:** Sec. 27, T. 27 N., R. 40 W., Mt.

### Type of Well
- **Type of well:** Drilled
- Equipment used: Churn

### Water Use
- **Water use:** Domestic, Irrigation

### Casing
- **Casing:** 7 1/2 ft.
- **Type:** 8 in.
- **Size:** 10 sq. in.

### Perforated or Screened
- **Perforated or Screened:** 5 1/2 ft.
- **Type of screen or perforations:** Gravel

**Static Water level, for non-flowing well:** 5 ft.

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

**Pumping water level:** 50 feet at: 10 gal. per min.

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

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(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0.0</td>
<td>Rock</td>
</tr>
<tr>
<td>7.0</td>
<td>Sandstone</td>
</tr>
<tr>
<td>12.0</td>
<td>Sandstone</td>
</tr>
<tr>
<td>23.0</td>
<td>Sandstone</td>
</tr>
<tr>
<td>30.0</td>
<td>Sandstone</td>
</tr>
<tr>
<td>34.0</td>
<td>Fine Gravel Sandstone</td>
</tr>
<tr>
<td>141.5</td>
<td>Sandstone</td>
</tr>
<tr>
<td>145.0</td>
<td>Sandstone</td>
</tr>
<tr>
<td>145.1</td>
<td>Sandstone</td>
</tr>
<tr>
<td>151.5</td>
<td>Sandstone</td>
</tr>
<tr>
<td>152.3</td>
<td>Sandstone</td>
</tr>
<tr>
<td>Depth, feet</td>
<td>Description of Material Drilled</td>
</tr>
<tr>
<td>------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>1-9</td>
<td>Clay and Tar</td>
</tr>
<tr>
<td>9-19</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>19-59</td>
<td>Course Sandstone</td>
</tr>
<tr>
<td>59-910</td>
<td>Sandy Blue Clay</td>
</tr>
<tr>
<td>910-422</td>
<td>Rock</td>
</tr>
<tr>
<td>422-435</td>
<td>Sandstone and water</td>
</tr>
<tr>
<td>435-470</td>
<td>11 1/2 2 3/4 steel</td>
</tr>
<tr>
<td>470-517</td>
<td>Rock</td>
</tr>
<tr>
<td>517-550</td>
<td>Fine Sandstone and water</td>
</tr>
<tr>
<td>550-594</td>
<td>Rock</td>
</tr>
<tr>
<td>594-617</td>
<td>Fine Sandstone and water</td>
</tr>
<tr>
<td>617-656</td>
<td>Shale</td>
</tr>
<tr>
<td>656-</td>
<td></td>
</tr>
<tr>
<td>656-</td>
<td></td>
</tr>
</tbody>
</table>

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

1. B. K. Wittmayer
   (Name of Appropriator)
   of
   (Address)
   County of Valley
   State of Montana

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

1. Stock well
   
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:
   1. 1959 - continuous
   2. 1958 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   1. 20 gallons per minute
   2. 3 gallons per minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   1. 1959
   2. 1958

8. The depth of water table:
   1. 30 feet
   2. 50 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   1. 60' deep, 6" and 8" casing, 10" pipe
   2. 60' deep, 6" casing, 10" pipe

10. The estimated amount of groundwater withdrawn each year:
    1. 3,000,000 gallons
    2. 1,000,000 gallons

11. The log of formations encountered in the drilling of each well if available:
    1. Filed
    2. Not available

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

   Signature of Owner:
   Date: December 19, 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 Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
438644 18145

STATE OF MONTANA,
County of Valley.

Filed for record.

DEC 23 1963

MARY LOUISE Clerk & Recorder
Valley County.

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

1. Walter K. Newton & Frances C. Newton of Fort Pack Route, Glasgow
   (Name of Appropriator) (Address) (Town)
   County of Valley State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: continuous since 1935.

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.

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

7. The date of commencement and completion of the construction of the well, well(s), 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: well depth is 720 feet and the pipe size is 3 inch.

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

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

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

Signature of Owner: Walter K. Newton
Date: Sept. 6, 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.
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** Beryl Kittleson Glasgow  
**Address:**  
**Driller:** Carl Palm  
**Address:**  

**Date of Notice of Appropriation of Groundwater:** 9/6/61  
**Date Well Started:** 9/17/61  
**Date Completed:** 9/18/61

**Type of Well:** Drilled  
**Equipment Used:** Churn  
**(Aug, drill, rotary, or other)**

**Water Use:** Domestic [ ]  
**Industrial [ ]**  
**Municipal [ ]  
**Other [ ]**  
**Irrigation [ ]**  
**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 Core</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1</td>
<td>4 1/2 x 10</td>
<td>Top 144</td>
<td>6 7/8 x 10</td>
<td>G3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 7 FT FROM 61724.  
Shut-in Pressure for Flowing Well:  
Pumping Water Level: 1/42 feet at 8 gal. per minute.  
Discharge in gal. per min. of flowing well:  
How Tested: Pumping Length of Test: 4 1/2 to 6 1/2.

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

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

Show exact depth of bottom.

No. 24  
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 Montana Bureau of Mines and Geology and quadruplicate to the Appropriator.
STATE OF MONTANA

County of Valley

Filed for record

OCT 22 1963

By J. Jesse Johnson
County Recorder

By J. Jesse Johnson, Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

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 from year to year:

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

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

1. (Name of Appropriator) of (Town, County, State of Montana) have appropriated groundwater according to the Montana laws as of January 1, 1962, as follows:

2. The beneficial use on which the claim is based. (N.B.)

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1942 Well 19 gal per min, 1946 Well 7 gal per min.

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

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. 1942-1946.

8. The depth of water table. 1942 well 19', 1946 well 15'.

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. Both are hand dug.

10. The estimated amount of groundwater withdrawn each year. 1500 gal.

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

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

Signature of Owner: William J. Kidd
Date: 12/30/63

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

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

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

(Disclaimer of Montana Code, 1961)

1. **Paul A. Long**, of Helena, Montana, (Name of Approprietor)

   County of Valley, State of Montana, (Address and Town) have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use: 1930

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 area 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: Pump

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: 60 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: 140 feet

10. The estimated amount of groundwater withdrawn each year: 120,000 gallons

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

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

   Signature of Owner: Paul A. Long

   Date: 12-17-63

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 Approprietor.
STATE OF MONTANA,
County of Valley.
Filed for record

DEC 18 1963

[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)

Herbert W. Bredten
or Fast Pock Route
Glisnar

County of Valley
State of Montana

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

1. The beneficial use on which the claim is based: Domestic + Stock

2. Date or approximate date of earliest beneficial use: 1920 - Continuous use

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 9 gal per min

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

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

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Well 1934, Well 25 March 1938

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

8. The depth of water table: 100 feet

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

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

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

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

Signature of Owner: Herbert W. Bredten
Date: Dec 31, 1963

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

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

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

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

1 B. P. LANGEN & LEONARD R. LANGEN, of Box 1, Glasgow,
(Name of Appropriator) (Address) (Town)

County of Valley State of Montana

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

2. The beneficial use on which the claim is based. #1 Household & Stock and #2 Stock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. #1 - About 1955
   #2 - About 1955

4. The amount of groundwater claimed (in miner's inches or gallons per minute). #1 - About 10 gal. per minute,
   #2 - About 10 gal. 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.
   N/A

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. #1 - 1955
   #2 - 1955

8. The depth of water table. #1 - About 14 feet. #2 - About 10 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. #1 - 155 feet deep, 4" Iron casing and #2, 522 feet deep - artesian.

10. The estimated amount of groundwater withdrawn each year. #1 - About 4,000 gallons per year.
    #2 - 5,288,000 gallons per year.

11. The log of formations encountered in the drilling of each well if available.
    Both on record at Valley County Clerk and Recorders Office.

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. Simpson Drilling Co., Kalispell, Montana, drilled both wells.

Signature of Owner
Date December 31, 1963

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

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

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

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

1. B. P. LANGEN & LEONARD H. LANGEN (Name of Appropriator) of Box 1 (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

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). About 3 gallons per minute.

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

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

   artesian well

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

About 1953

8. The depth of water table

About 10 feet.

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

About 55 feet deep - artesian well.

10. The estimated amount of groundwater withdrawn each year

   About 1,500,000 gallons per year.

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

   On file at Valley County Clerk and Recorder's Office

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

   Drilled wells.

   Simpson Drilling Co., Malta, Montana.

Signature of Owner

Date December 31, 1963

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

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

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

County of Valley

Filed herein on

DEC 3-1 1953

MARY LOU MITCHELL

County Clerk

Valley County
<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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<tr>
<td>1</td>
<td>Nickels, Jack W.</td>
<td>GW 4</td>
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<td>2</td>
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<td>D'hiesta, Mary</td>
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<td>Ely, J. C.R.</td>
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<td>Smith, Irene L.</td>
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<td>C.N.R.R.</td>
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STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Jack W. Nickels
   (Name of Appropriator)
   County of Valley
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   2. The beneficial use on which the claim is based: Domestic and watering stock

   3. Date or approximate date of earliest beneficial use, and how continuous the use has been: Drilled in 1934 and continuous use since

   4. The amount of groundwater claimed (in miner's in. or gallons per minute): 12 gal. per minute

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commenced in November, 1933; completed early spring, 1934

   8. The depth of water table: Water flows voluntarily at 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: Artesian, 2" steel casing, 55 ft. deep

   10. The estimated amount of groundwater withdrawn each year: 6,307,200 gal. per year

   11. The log of formations encountered in the drilling of each well if available: 55 ft. clay, 25 ft. gravel and course sand, 487 ft. bearpaw shale

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

   Signature of Owner: [Signature]
   Date: 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 Appropiater.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: [Name]  Address: [Address]
Driller: [Name]  Address: [Address]

Date of Notice of Appropriation of Groundwater: [Date]
Date well started: [Date]
Date completed: [Date]

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

Water Use: [Type of 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 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>
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<tbody>
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</tbody>
</table>

Static Water Level for non-flowing Well: [Level] feet.
Pumping Water Level: [Level] feet at [Rate] gal. per minute.
Discharge in gal. per min. of flowing well: [Rate]
How Tested: [Method]
Length of Test: [Duration]
Remarks: [Additional Information]

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

Show exact depth of bottom.

[Diagram showing static water level and shut-in pressure]

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 Appropriating Authority.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
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<tr>
<th>Owner</th>
<th>Address</th>
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<tbody>
<tr>
<td>R. E. Johnson</td>
<td>Glasgow, MONT</td>
</tr>
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<table>
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<tr>
<th>Driller</th>
<th>Address</th>
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<tbody>
<tr>
<td>Walter Greene</td>
<td>Glasgow, MONT</td>
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<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
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<td>July 12, 1957</td>
<td>July 26, 1957</td>
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<th>Location: Sec.</th>
<th>T. 32. S. R. 41 E</th>
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<tbody>
<tr>
<td>T. 32S. R. 41E</td>
<td>GALLAHER 35</td>
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</tbody>
</table>

Type of well          | Drilled (Dor, driven, bored, or drilled) | Equipment used (Chain drill, rotary, other) |
----------------------|----------------------------------------|---------------------------------------------|
Water use             | Domestic □                             | Municipal □                                |
                      | Stock □                                | Irrigation □                               |
                      | Industrial □                           | Drainage □                                 |
                      | Other: □                               |                                             |
Casing:               | ft. to ft.                             | Type: Size                                 |
                      | ft. to ft.                             | Type: Size                                 |
                      | ft. to ft.                             | Type: Size                                 |
Perforated or Screened| Ft. to Ft.                             | Ftx to Ftx                                 |
                      | Ft. to Ft.                             |                                             |
Type of screen or perforations: |                                      |
Static Water level, for non-flowing well: | feet.                                  |
Shut-in pressure, for flowing well: | 40 lb./sq. in. on: *Flowing Well in Operation* (date) |
Pumping water level: | feet at | gal. per min. |
How tested:           |                                      |                                             |
Length of test:       |                                      |                                             |
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off): |
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<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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<tbody>
<tr>
<td>0 - 10 ft</td>
<td>Sand</td>
</tr>
<tr>
<td>10 - 30 ft</td>
<td>Blue Clay</td>
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<tr>
<td>30 - 60 ft</td>
<td>Quick sand</td>
</tr>
<tr>
<td>60 - 84 ft</td>
<td>Shale</td>
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<tr>
<td>84 - 95 ft</td>
<td>Quick sand</td>
</tr>
<tr>
<td>95 - 490 ft</td>
<td>Shale</td>
</tr>
<tr>
<td>490 - 685 ft</td>
<td>Quick sand</td>
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</table>
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Appropriator**: C R Vodt
   **Address**: 137 - 69 Ave No, Helena, MT
   **Town**: Montana

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

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): **11.5 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:
   - **Acreage**: 100 acres.
   - **Location**: Montana.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - **Artesian well** #1 and a shallow well #2.

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

8. The depth of water table: **New 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:
   - **Type**: Artesian well.
   - **Depth**: 200 ft.

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

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

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

Signed: "C R Vodt"

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 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. 

Heikes Brothers

(Name of Appropriate)

of

Nashua

(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 and Livestock

3. Date or approximate date of earliest beneficial use; and how continu-

ous the use has been: October 1953

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1,200 gal per Min.

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

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

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

8. The depth of water table: 705 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: Drilled well, 100 feet

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

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

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

Signature of Owner: Heikes Brothers

Date: 31 Dec 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)

Heikens Brothers, of Valley, Montana
(Name of Appropriator) (Address) (Town)

County of Valley, State of Montana

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

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

2. Date or approximate date of earliest beneficial use: 1910

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

4. If used for irrigation, give the acres of land to which water has been applied and name of owner thereof: Not used

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

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1910

7. The depth of water table: 500 Feet

8. The type, size and depth of each well or other general specifications of any other works for the withdrawal of groundwater: Drilled 2 inch 500 Feet

9. The estimated amount of groundwater withdrawn each year: 788.100

10. The log of formations encountered in the drilling of each well if available: Not Available

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

Signature of Owner: Heikens Brothers
Date: 31 Dec 1965

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

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

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

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

Heikens Brothers
(Name of Appropriator)

of
(Address)
(Town)

County of
State of

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

1. The beneficial use on which the claim is based: Household and Livestock

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1928

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 60 gallons per min

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

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

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1928

7. The depth of water table: 40 feet

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

9. The estimated amount of groundwater withdrawn each year: 170,000

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

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

Signature of Owner:

Date: 31 Dec 1973

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. Haikens Brothers, of, M an t a n a

2. The beneficial use on which the claim is based: House Hold and Livestock

3. Date or approximate date of earliest beneficial use: October 1937

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 593 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: Not used

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 and completion of the construction of the well, wells, or other works for withdrawal of groundwater: October 1937

8. The depth of water table: 735 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: Drilled 4 inch No. 37075

10. The estimated amount of groundwater withdrawn each year: 159,000 gpm

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

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: 1116

Signature of Owner: Haikens Brothers
Date: 31 Dec 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; 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. S. M. Malunat
   (Name of Appropriator)
   of Box 132
   Glasgow
   (Address) (Town)
   County of Valley
   State of Montana

   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1965, as follows:

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
      1951, continuous use since that time

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

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

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

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

   8. The depth of water table:
      62 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:
      65 feet deep 4 inch drilled well, electric motor on pump

   10. The estimated amount of groundwater withdrawn each year:
       440,000 gallons per 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: S. M. Malunat
   Date: December 20, 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. Charles J. Miller, Jr.,
   (Name of Appropriorate)
   County of Valley,
   (Address)

   State of Montana,
   (Town)

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1967 continuous

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 25 gpm 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 and applicable

   6. The means of withdrawing each 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: 1964

   8. The depth of water table: 16.5 ft

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

   10. The estimated amount of groundwater withdrawn each year: 250,000 gals

   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: Charles J. Miller, Jr.
   Date: Dec. 10, 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; Duplicates to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriorator.

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### NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

(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**
Leonard Beskrov
**Address**
Glasgow, Montana
**File**
02/25/70
**Date well started**
October 21, 1970
**Date well completed**
October 29, 1970

**Type of Well**
Drilled

**Equipment used**
Cable Tool Rig

**Water Use**
Domestic □  Municipal □  Stock □  Irrigation □
Industrial □  Drainage □  Other □  Garden/Lawn □

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

**ESTIMATED ANNUAL WITHDRAWAL**
8 GPM

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**Top of Ground**

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>115</td>
<td>Deff</td>
</tr>
<tr>
<td>115</td>
<td>148</td>
<td>Gravel</td>
</tr>
</tbody>
</table>

**Static water level**
215 ft.

**Pumping water level**
125 ft.

**Flow**
gallons per minute, measured minutes after pumping began.

**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**
Clinton Whitmer
**Driller's Address**
Wolf Point

**LICENSE NO.** 837

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**County**
Valley
**OCT 27 1970**

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**Driller's Log**

- Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

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

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

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1943

3. The amount of groundwater claimed (in minutes, inches or gallons per minute):

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

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

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1943

7. The depth of water table: 660 feet, Deep water comes to top

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

9. The estimated amount of groundwater withdrawn each year: Flows Continuously

10. The log of formations encountered in the drilling of each well if available: Clay Sand Gravel Through Bed Rock

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

Signature of Owner: Richard Smith
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.