Form No. 18

T. 09  N  R. 40  E

Montana Bureau of Mines and Geology

Water Well Log

Owner: Lee B. McIntyre
Address: Rte 41, East-Glazov

Driller: Ben Swindle
Address: Unknown

Date Started: June 15, 1912
Date Completed: June 20, 1912

Location: Sec. 11, T. 82, R. 40, W. 5

Type of well: Drilled
Equipment used: Drill

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

Casing: 40 ft. to 75 ft.  Type: Steel Casing
Size: 6 inches

Casing: 75 ft. to 80 ft.  Type: Steel Casing
Size: 6 inches

Perforated or Screened: 80 ft. to 85 ft.  Type: Screen

Type of screen or perforations

Static water level, for non-flowing well: 20 feet
Shut-in pressure, for flowing well: none, lb./sq. in. on

Pumping water level: 20 feet at 10 gal. per min.

How tested: Artif. pumping

Length of test: 10 hours

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

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>10 ft</td>
<td></td>
<td>Loam</td>
</tr>
<tr>
<td>10 ft</td>
<td>15 ft</td>
<td></td>
<td>Clay</td>
</tr>
<tr>
<td>15 ft</td>
<td>20 ft</td>
<td></td>
<td>Sand &amp; Gravel</td>
</tr>
</tbody>
</table>

*Note: The table is partially filled in.*

**State of Montana**

Dean, Clerk of District Court,

[Signature]

Date: [Date]

[Handwritten Notes]
Form No. 18

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>Lee B. Heinert</td>
</tr>
<tr>
<td>Address</td>
<td>Rte 6 East, Glasgow, Mont</td>
</tr>
<tr>
<td>Driller</td>
<td>Unknown</td>
</tr>
<tr>
<td>Date Started</td>
<td>Jun 28, 1912</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Jun 28, 1912</td>
</tr>
<tr>
<td>Location: Sec. 1b, T. 61, R. 40, 4 sec.</td>
<td>Mont.</td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Drill, rotary</td>
</tr>
<tr>
<td>Water use: Domestic</td>
<td>X</td>
</tr>
<tr>
<td>Water use: Municipal</td>
<td></td>
</tr>
<tr>
<td>Water use: Stock</td>
<td></td>
</tr>
<tr>
<td>Water use: Irrigation</td>
<td></td>
</tr>
<tr>
<td>Water use: Industrial</td>
<td></td>
</tr>
<tr>
<td>Water use: Drainage</td>
<td></td>
</tr>
<tr>
<td>Water use: Other</td>
<td></td>
</tr>
<tr>
<td>Casing: 40 ft. to 100 ft.</td>
<td></td>
</tr>
<tr>
<td>Type: Steel Casing</td>
<td></td>
</tr>
<tr>
<td>Size:</td>
<td></td>
</tr>
<tr>
<td>Casing: 100 ft. to 600 ft.</td>
<td></td>
</tr>
<tr>
<td>Type:</td>
<td></td>
</tr>
<tr>
<td>Size:</td>
<td></td>
</tr>
<tr>
<td>Casing: 600 ft. to 1000 ft.</td>
<td></td>
</tr>
<tr>
<td>Type:</td>
<td></td>
</tr>
<tr>
<td>Size:</td>
<td></td>
</tr>
<tr>
<td>Perforated or Screened: 100 ft. to 500 ft.</td>
<td></td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
</tr>
<tr>
<td>Static water level, for non-flowing well:</td>
<td>200 feet</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td></td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
</tr>
</tbody>
</table>

(over)
Form No. 18

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

Water Well Log

Owner: Lee B. Keim
Address: 312 East Glasgow, Mont.

Driller: Joe Smith
Address: Butte

Date Started: June 30, 1941
Date Completed: June 29, 1942

Location: Sec. 14, T. 25 R. 70 W. 11 Res.

Type of well: Domestic
Equipment used: Drilling, drill, or shovel

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

Casing: 40 ft. to 50 ft. Type: Steel Casing Size: 6 in.

Casing: 50 ft. to 60 ft. Type: Size:

Casing: 60 ft. to 70 ft. Type: Size:

Perforated or screened: Ft. 10 to Ft. 20. Ft. 20 to Ft. 30.

Type of screen or perforations:

Static water level, for non-flowing well: 20 feet.
Shut-in pressure, for flowing well: 50 lb./sq. in. on:

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

How tested: Inertial pump

Length of test: 10 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>10 Feet</td>
<td>Steady Loam</td>
</tr>
<tr>
<td></td>
<td>10 Feet</td>
<td>15</td>
<td>Clay</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>40&quot;</td>
<td>Sand &amp; Gravel</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator: Ann Myquist
   Address: Glasgow
   Town: (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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   #1 Well: 10 gallons per minute
   #2 Spring: 15 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: none

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   #1 Well: Represents 10 acres
   #2 Spring: Represents 10 acres

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

8. The depth of water table:
   #1 Well: 30 feet
   #2 Spring: 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: none

10. The estimated amount of groundwater withdrawn each year:
    #1 Well: 100,000 gallons
    #2 Spring: 500,000 gallons

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: Anna Myquist
Date: December 27, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate 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)

<table>
<thead>
<tr>
<th>1. Name of Appropriate</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peter Nyquist</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1913 - 1933 - 1948

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

   - #1 well: 10 gallons per minute
   - #2 well: 10 gallons per minute
   - #3 well: 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: none

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

   - #1 pump: six-inch casing
   - #2 pump: 3 feet casing
   - #3 pump: 3 feet casing

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

8. The depth of water table:

   - #1 and #2: 46 feet
   - #3: 120 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: same as above

10. The estimated amount of groundwater withdrawn each year:

    - #1 well: 10,000 gallons
    - #2 well: 10,000 gallons
    - #3 well: 10,000 gallons

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: Peter Nyquist
Date: December 27, 1963

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

Please answer all questions. If not applicable, 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. Alvin E. Austin and Laura H. Austin
   (Name of Appropnator) Montana
   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 user prior to January 1, 1962. Exact length of user not known, but in excess of 20 years.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been approximately 1940, continuous to date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 18 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.
   Natural spring, no well drilled.

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

8. The depth of water table. 8 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
   Not available.

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

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
   Certain documents pertaining to water rights are on record, but book and page number are not available.

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 Appropnator.
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*

County of __________ State of __________

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

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

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

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

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 __________

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: Kenneth  Address: Glasgow
Driller: Carl Palm  Address: Seco.

Date of Notice of Appropriation of Groundwater ____________________________
Date well started ____________________________ Date completed ____________________________

Type of well: Drilled  Equipment Used: Churn

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 Drums</th>
<th>From Top</th>
<th>To Top</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.42 x 20</td>
<td>67.75 x 4</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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: ______

How Tested: Bell test  Length of Test: ______

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)

2 acres of garden

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.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Pack Plant
Address: Glasgow

Date of Notice of appropriation of groundwater: 8/12/64
Date well started: 8/12/64
Date well completed: 8/13/64

Type of well: Drilled
Equipment used: Churn
(Dig, Driven, bored or drilled)

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

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as sand, 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.

SITE OF DRILLED WELI

<table>
<thead>
<tr>
<th>Rise of Drilled Hole</th>
<th>Rise and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7'</td>
<td>55/10</td>
<td>Top</td>
<td>55'</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level: 48 feet at: 48 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: Bailing

Length of Test: 1 hr

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

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

SHOW EXACT DEPTH OF BOTTOM

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.
STATE OF MONTANA,
County of Valley.
Filed for record
JAN 21 1915
as 8:30 o'clock A.M.

Mary Ann Burke
County Recorder
By Ada Allen, Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

File No. ____________________________

STATE OF MONTANA

County of ____________________________

Bernard S. Claudia Blumer, at Nashua

(Name of Appropnator) (Address) (Town)

DECLARATION

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1800 sq ft.

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

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

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

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

8. The depth of water table Flows to surface.

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

10. The estimated amount of groundwater withdrawn each year 2, Flowing 100 gpd per minute.

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 Appropnator.
WATER WELL LOG

Owner: Ed. M. Mcqs. Address: Glasgow
Driller: Caro. Palen Address: Sec.

Date Started: 7/20/59 Date Completed: 7/30/59

Location: Sec. 17 T. 17 N R. 70 W 4th, sec. 4,40

Type of well: Dug Equipment used: Churn

Type of Well: Dug, driven, bored, or drilled

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

Casing: Top ft. to ft. Type Size
Casing: ft. to ft. Type Size
Casing: ft. to ft. Type Size

Perforated or Screened: Ft. to Ft. to Ft.

Type of Screen or Perforations:

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

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

How tested: Pumping

Length of test: hr.

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td>To 2</td>
</tr>
<tr>
<td>2</td>
<td>Top Soil</td>
</tr>
<tr>
<td>2</td>
<td>To 10</td>
</tr>
<tr>
<td>10</td>
<td>Gravel + Clay</td>
</tr>
<tr>
<td>10</td>
<td>To 25</td>
</tr>
<tr>
<td>25</td>
<td>Very Sandy Yellow Clay</td>
</tr>
<tr>
<td>25</td>
<td>To 33</td>
</tr>
<tr>
<td>33</td>
<td>Sand, Gravel + Water</td>
</tr>
</tbody>
</table>
Owner: David Oberquell  
Address: Glasgow

Driller: Carl Palm  
Address: Saco

Date Started: 6/23/59  
Date Completed: 6/25/59

Location: Sec. 19 T. 29 R. 40 W. 41/4 sec. Lot 5, Moen Tract

---

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

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

<table>
<thead>
<tr>
<th>Casing: Top.</th>
<th>ft to ft</th>
<th>Type: Galv. 6.5 lb</th>
<th>Size: 4 ft ID</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft to ft</th>
<th>Type:</th>
<th>Size:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened: Ft.</th>
<th>ft to ft</th>
<th>Ft.</th>
<th>to ft</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>52 ft from top</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>1 lb/sq. in. on (date)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>53 feet at 20 gal. per min</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
<th>Bailing</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Length of test:</th>
<th>1½ hr.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth, feet</td>
</tr>
<tr>
<td>-----------</td>
</tr>
<tr>
<td>From</td>
</tr>
<tr>
<td>0</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>43</td>
</tr>
<tr>
<td>57</td>
</tr>
</tbody>
</table>
## WATER WELL LOG

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td></td>
</tr>
<tr>
<td>Municipal</td>
<td></td>
</tr>
<tr>
<td>Stock</td>
<td></td>
</tr>
<tr>
<td>Industrial</td>
<td></td>
</tr>
<tr>
<td>Drainage</td>
<td></td>
</tr>
<tr>
<td>Other:</td>
<td></td>
</tr>
</tbody>
</table>

### Water use:
- Domestic
- Municipal
- Stock
- Irrigation

### Casing:
- Type:
- Size:
- Length:
- Diameter:
- Perforated or Screened:
- Type:
- Size:

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

### Shut-in pressure, for flowing well:
- Date:
- Lb./sq. in.:

### Pumping water level:
- Date:
- Feet at:
- Gal. per min.:

### Remark:
- Gravel packing, cementing, packers, type of shut-off, depth of shut-off:

---

Owner:  
Driller:  
Date Started:  
Date Completed:  
Location: Sec. 19 T. 29 R. 14 Sec. 10
<table>
<thead>
<tr>
<th>Depth, feet From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>37</td>
<td></td>
<td>river sand</td>
</tr>
<tr>
<td>37</td>
<td>133</td>
<td>quick sand</td>
</tr>
<tr>
<td>133</td>
<td>139</td>
<td>blue clay</td>
</tr>
<tr>
<td>139</td>
<td>141</td>
<td>gravel</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Alvin E. and Laura H. Austin, of Glasgow

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 is prior to January 1, 1962. Exact length of user not known, but in excess of 20 years.

2. Date or approximate date of earliest beneficial use, and how continuous the use has been, approximately 1960, continuous to date.

3. The amount of groundwater claimed (in miner's inches or gallons per minute) 3110 gallons per minute. Spring No. 2 and 3 - combined 20 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. Natural springs, no wells drilled.

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Natural springs, no wells drilled.

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Not applicable.

7. The estimated amount of ground water withdrawn each year. 1,260,000 gallons.

8. The depth of water table. 8 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Not applicable.

10. The 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. Certain instruments are recorded but book and page number are not available.

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.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 227, Montana Session Laws, 1961)

Owner: Horace Hansen
Address: Glasgow
Driller: Carbon Palmer
Address: ,

Date of Notice of appropriation of groundwater: 1/27/66
Date well started: 1/27/66
Date completed: 1/27/66
Type of well: Diamond Drilled
Equipment used: Drill
(Yard, Driven, bored or drilled)
Water use: Domestic
Municipal
Stock
Irrigation
Industrial
Drainage
Other

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

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled Hole</td>
<td>Diameter</td>
<td>(Feet)</td>
<td>(Feet)</td>
<td></td>
</tr>
<tr>
<td>s</td>
<td>4 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level: 30 feet

Discharge in gal. per min. of flowing well

How Tested: Drilling

Length of Test: 2.5 ft

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

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, times 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:

No. 38

4159
STATE OF MONTANA,
County of Valley,
Filed for record

MAY 13 1966
at 10:30 o'clock A.M.

Mary Ann Poche
County Recorder

Marilyn Pettingal, Deputy
**WATER WELL LOG**

Owner: OLIVER MOORE  Address: GLASGOW
Driller: CARL PALM  Address: SCO
Date Started: 11/5/58  Date Completed: 11/8/58

Location: Sec. 20  T. 29 N.  R. 46  § 4  sec. 16/36

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

<table>
<thead>
<tr>
<th>Water use:</th>
<th>Domestic ☑</th>
<th>Municipal ☐</th>
<th>Stock ☐</th>
<th>Irrigation ☐</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Top ft. to 72 ft.</th>
<th>Type Gale</th>
<th>Size 4 ¾ ID</th>
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</thead>
<tbody>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
</tbody>
</table>

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations:

Static Water level, for non-flowing well: 47 feet.

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

Pumping water level: 54 feet at 6 gal. per min.

How tested: HEIGHT PACE PER MIN.

Length of test: 1 hour

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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</thead>
<tbody>
<tr>
<td>0 - 3</td>
<td>Top Soil</td>
</tr>
<tr>
<td>3 - 18</td>
<td>Clay + Gravel</td>
</tr>
<tr>
<td>18 - 45</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>45 - 54</td>
<td>Very Sandy Clay</td>
</tr>
<tr>
<td>54 - 70</td>
<td>Sand with Gravel + Water</td>
</tr>
<tr>
<td>70 - 72</td>
<td>Gravel + Water</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. Anna Nyquist
   (Name of Appropriator)

County of Valley

State of Montana

of Glasgow

Address

Declamation of Vested Groundwater Rights

Date of earliest beneficial use: 1948

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

springs

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

The estimated amount of groundwater withdrawn each year:

1,000,000 gall.

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

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: December 27, 1963

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

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

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

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

1. Jay Myrdalst
   (Name of Appropriator)
   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
   Stock and Household

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

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
   None

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
   1943

8. The depth of water table
   40 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   Drilled well - 40 feet six inch casing

10. The estimated amount of groundwater withdrawn each year
    50000 gallons

11. The log of formations encountered in the drilling of such 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: Jay Myrdalst
   Date: December 27, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate 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, 1962)

1. Name: George Brown
   Address: 506 N. N. Glasgow
   County: Missoula
   State: Montana

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: 1912

4. The amount of groundwater claimed (in minor's bushels or gallons per minute): 18 x 15 gal/sec

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 10 acres, farms on

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: A. F. 375 ft

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: May 1912

8. The depth of water table: 14 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: 15 ft. deep

10. The estimated amount of groundwater withdrawn each year: 350,000 gal

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

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

Signature of Owner: George Brown
Date: March 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 Appraiser.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Senate Laws, 1981)

Lewis Befel

(Name of Appropriator)

County of VALLEY

(State of)

Glasgow, 980-8 MARS

(Town)

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

2. The beneficial use on which the claim is based

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

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

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

Date

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

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

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

Duplication Statement of Montana

Administrator of Groundwater Code
Office of State Engineer
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Angelina Belzak
Address: Glasgow

Driller: Carl Palm
Address: Same

Date of Notice of Appropriation of Groundwater: 8/18
Date well started: 8/18
Date well completed: 8/21/63

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

Water Use: Domestic X  Municipal □  Other □  Irrigation □
(Industrial □  Drainage □  Stock □)

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cutting</th>
<th>Depth (Feet)</th>
<th>Top (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot;</td>
<td>4:20</td>
<td>14:6</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 171 feet.
Shut-in Pressure for Flowing Well:...
Pumping Water Level: 145 feet at 12 gal. per minute.
Discharge in gal. per min. of flowing well:...
How Tested: Pumping

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).

No. 25
Driller: Carl Palm
Driller's License Number

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)

State of Montana
County of Valley
File No. ____________________________

STATE ENGINEER

Charles J. Miller
(Name of Appropriator)
North Star Route Glasgaw
(Address)

I, Charles J. Miller, 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, Irrigating
2. Date or approximate date of earliest beneficial use: June 14, 1957
3. Continuous, No Interruption
4. The amount of groundwater claimed (in miner's inches or gallons per minute): 90 gallons Per Minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Only As 2 Above
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Jet Pressure Water System

NE 1/4 Sec 30 T 29 R 44 E
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: Commencement 1961 Completed 1962
8. The depth of water table: Thirty 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 1 inch Casing 120 Feet Deep
10. The estimated amount of groundwater withdrawn each year: 280,000 Gallons
11. The log of formations encountered in the drilling of each well if available: There was No Log Kept At The Time This Well Was Drilled
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: There Is No Other Record Of This Well

Signature of Owner: ____________________________
Date: Jan 29, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA, } ss.
County of Valley,
Filed for recvd.
JAN 29, 1962
at 9:00 a.m.
Mary Kay Tyler
County Recorder
By ______________________ Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Jasper DeBobblese
   of 312 S. Ave. So., Glasgow
   County of Valley, State of Montana

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

   2. The beneficial use on which the claim is based: Watering stock, household use, and irrigation of garden and trees.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: April 1929 Continuous

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 150 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:
      SW1/4, Sec. 31, T. 29 R. 40
      Owner: Jasper DeBobblese

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
      Pump and electric motor—only one well

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal:
      April 1929

   8. The depth of water table: One hundred (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:
      Six (6) inch casing, One hundred-twenty (120) feet deep and 1½ inch withdrawal pipe

   10. The estimated amount of groundwater withdrawn each year: 700,000 gallons

   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: None

   Signature of Owner: Jasper DeBobblese
   Date: December 17, 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, ss.
County of Valley.

Filed for record

DEC 18 1963

11:30 o'clock A.M.,
Mary Ann Hyde
County Recorder

Pauline Parker
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

John Purcell (Estate) of Route 1-73, Glasgow
(Name of Appropnator) (Address) (Town)
County of Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based:
   - Stock watering - cattle & chickens

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... About 1910 and has been used continuously ever since

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - Hand pump and later windmill and
   - Electric motor since 1946

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Don't know

8. The depth of water table: ninety-eight 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 10 ft. Deep - 4 inch pipe
   - 6 inch casing

10. The estimated amount of groundwater withdrawn each year: about 17 thousand gallons

11. The log of formations encountered in the drilling of each well if available: Don't know

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: John Purcell (estate)
Date: December 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 Appropnator.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: John D. Easell
Address: 

Driller: Carl Palm
Address: 

Date Started: 6/30 Date Completed: 7/7/61

Location: Sec. 32 T. 29 R. 40, 1/4 sec. South East

Type of well: Drilled

Equipment used: (chain, drives, barge, or drilled)

Water use: Domestic X Municipal Stock Irrigation

Industrial Drainage Other:

Casing: to ft. Type: Size:

Casing: to ft. Type: Size:

Casing: to ft. Type: Size:

Perforated or Screened: Ft. to Ft. Ft. to Ft.

Type of screen or perforations:

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

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

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

How tested: Pump

Length of test: 

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

(over)
<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
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<tbody>
<tr>
<td>Owner</td>
<td>John Purcell</td>
</tr>
<tr>
<td>Address</td>
<td>1234 Doe St.</td>
</tr>
<tr>
<td>Driller</td>
<td>Carl Polin</td>
</tr>
<tr>
<td>Address</td>
<td>5678 Elk Rd.</td>
</tr>
<tr>
<td>Date Started</td>
<td>6/30</td>
</tr>
<tr>
<td>Date Completed</td>
<td>7/5/61</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 32, T. 24, R. 40, S. 4, NW 1/4 SouthEast</td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
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<td>Equipment used</td>
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<tr>
<td>Water use</td>
<td>Domestic X</td>
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<td>Industrial □</td>
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<td></td>
<td>Drainage □</td>
</tr>
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<td>Other □</td>
</tr>
<tr>
<td>Casing Top to</td>
<td>ft. to 111 ft.</td>
</tr>
<tr>
<td>Casing Casing</td>
<td>ft. to</td>
</tr>
<tr>
<td>Casing Casing</td>
<td>ft. to</td>
</tr>
<tr>
<td>Perforated or Screen to</td>
<td>ft. to ft.</td>
</tr>
<tr>
<td>Perforated or Screen to</td>
<td>ft. to ft.</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well</td>
<td>26 feet</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well</td>
<td>16 lb/sq in. on. on. (date)</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>21 feet at 10 gal. per min</td>
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<tr>
<td>Flow tested</td>
<td>15.4 cfs</td>
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<td>Remarks (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
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<tr>
<td>Depth, feet</td>
<td>Description of Material Drilled</td>
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<tr>
<td>------------</td>
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<td>111</td>
<td>Cons. water</td>
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Log of Well
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<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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<tr>
<td>59</td>
<td>Blue Clay</td>
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<td>107</td>
<td>Sand and Gravel Water</td>
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Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. H. C. Pilex of R. I. 12, Helena
   (Name of Appropriator) (Address) (Town)
   County of Valley State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Continuous since 1913.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 250 gal. per day

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. John Brown

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

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. 11. 3 ft.

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

10. The estimated amount of groundwater withdrawn each year. 10, 600 gal.

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

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

Signature of Owner: H. C. Pilex
Date: 12-25-1963

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 Appropriate.
STATE OF MONTANA,  
County of Valley.  
Filed for record  
DEC 27 1962  

By County Recorder  

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

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

ROY and HELEN DeDOBBLEER, of Glasgow, 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, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1916 - continuous.

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

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

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

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

8. The depth of water table: 70 feet approximately.

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: 70 foot deep, 4 inch casing.

10. The estimated amount of groundwater withdrawn each year: 600,000 gallons.

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

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

Signature of Owner: [Signature]

Date: December 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; duplicate to the State Engineer; Tripllicate to the School of Mines and Quadruplicate for the Appropriator.
### Groundwater Index

**County**: Valley  
**Twp**: 29N  
**Rge**: 41E

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<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
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<th>Remarks</th>
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<td></td>
</tr>
</tbody>
</table>

**Remarks**
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

## Fillable Fields:
- **Name of Appropriaotr**
- **Address**
- **(Town)**
- **County of**
- **State of**

## Fillable Sections:
1. **Declaration of Vested Groundwater Rights** by **Miles Leen**
   - **Address**
   - **(Town)**
   - **County of**
   - **State of**

## Sections:

1. **Declaration of Vested Groundwater Rights**
   - **Name of Appropriaotr**
   - **Address**
   - **(Town)**
   - **County of**
   - **State of**

## Instructions:
- **File No.**
- **Date**
- **Signature of Owner**

## Details:
- **Date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1946**
- **The depth of water table:**
- **The log of formations encountered in the drilling of each well if available:**
- **The estimated amount of groundwater withdrawn each year:**
- **The log of formations encountered in the drilling of each well if available:**
- **Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:**

## Requirements:
- **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.**

---

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

OCT 3 1863

W.S. (Block A M.
Henry A. Birk
County Recorder

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

Calvin W. Hill and Viola A. A. Hill
(Name of Appropiate)

Box 25
(Address)

Nahan
(Town)

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

2. House and stock water

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

4. 1957 and since continuously.

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

6. 10 gallons per minute.

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

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

8. Pump with a cylinder.

9. The depth of water table

10. 18 ft.

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

Drilled 5 inch to a depth of 10 feet.

12. The estimated amount of groundwater withdrawn each year

1,800,000 gallons.

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

14. Shale, rock

15. No known

16. None known

Signature of Owner: Calvin W. Hill

Date: December 31, 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 Appropirator.